The One-Hundred-Fourteenth Annual Stanford University Commencement

Sunday, June 12, 2005 9:30 a.m. The Stanford Stadium, Stanford, California

Photography: Persons wishing to take photographs are requested to stay off the field until the end of the ceremonies.

Medical Stations are located in the designated Red Cross areas at the foot of the Press Box in Section 38, on the field near the Stadium locker room, and outside between Gates 2 and 3. Emergency Medical Technicians (EMT) will be in attendance.

The Information Station and Lost and Found are located at Gate 2 of the Stadium. Hours of operation are 8 a.m. to 1 p.m. Found articles will be held until 1 p.m. and then will be taken to the *Stanford Department of Public Safety* building, 711 Serra Street, Stanford. Lost children will be taken to the *Information Station at Stanford Stadium*, Gate 2, during Commencement. Fifteen minutes after the ceremony concludes, they will be taken to the *Stanford Department of Public Safety* building, 711 Serra Street assistance at any Information Station, (For those locations, see the map at back of this publication.)

Rest Rooms are located at the promenade level of the Stadium and near Gate 2.

Every effort has been made to ensure the accuracy of these listings. However, listing here does not guarantee that a degree has been or will be awarded. The listings of degree candidates for June 12, 2005 are accurate as of May 18, 2005. Confirmation of degrees awarded officially on June 12, 2005 can be requested from the Office of the University Registrar. Please contact the Office of the University Registrar in the event of any questions or discrepancies.

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Master of Science
Engineer
Doctor of Philosophy
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Bachelor of Arts
Bachelor of Science
Bachelor of Arts and Science
Master of Arts
Master of Fine Arts
Master of Science
Doctor of Musical Arts
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Map, including Ceremony Locations Inside Back Cover

The Academic Dress

Early in the twentieth century, colleges and universities in the United States adopted a uniform code of academic dress, and this code is followed today. Among European and other institutions there is a wide divergence in the type of dress, and no attempt is made to describe the different costumes.

Cap

The cap is the "mortarboard" type with black cloth cover. The gold tassel may be worn by holders of a doctor's degree. There is no general rule for the position of the tassel on a mortarboard. Some institutions, during commencement exercise, require undergraduate candidates for degrees to wear the tassel on the right front side before degrees are conferred and to shift them to the left at the moment degrees are awarded. In some respects, this custom is a substitute for individual hooding.

Gown

The bachelor's, master's, and doctor's gowns differ slightly in pattern. Only the doctor's gown bears trimmings. These are a velvet facing down the front and three velvet bars across each sleeve; the velvet may be black, or it may be the color appropriate to the subject in which the wearer holds his degree. A number of American universities now also have doctoral robes, which are invariably of some color other than black. Stanford doctoral robes are red and black with parti-colored sleeves lined with a color indicating the scholarly discipline of the wearer. This robe is worn with a specially designed hood and velvet academic bonnet.

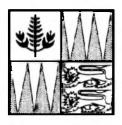
Hood

The color or colors in the lining are those of the college or university which granted the degree (cardinal for Stanford). The binding or edging is the color of the faculty or subject in which the degree was granted. In order to assist in the identification of academic costume, the colors associated with various subjects are listed below:

Arts, Letters, Humanities
Business, Commerce, Accountancy Drab
Communication, Journalism
EconomicsCopper
Education Light Blue
EngineeringOrange
Fine Arts, including Architecture Brown
LawPurple
MedicineGreen
MusicPink
Nursing
Philosophy Dark Blue
Science Golden Yellow

The Flags of The University

The heraldic banners for the schools of the University combine the colors normally used on the hoods of the various disciplines with symbols illustrating the activities of the histories of the disciplines, particularly at Stanford. The element which appears in all the flags is a triple frond of the redwood tree. By long usage, the Palo Alto redwood tree has been taken as the symbol of the whole University. The triple frond is used to symbolize the botanical function performed by leaves, namely the synthesis involved in the organization, transmission, and generation of knowledge which takes place in the schools and on which the scholarly growth of the University vitally depends. This common function of the schools is represented in the cardinal flag, the redwood frond in a white circle.

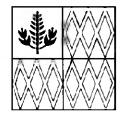


Earth Sciences

The red lion is an ancient alchemical symbol for gold, which is the academic color for science; the red and black design symbolizes both the mountains and the mines to which the work of this school is mainly directed.



Pale blue, the academic color for this school, is used as background for the lamp of learning, commonly employed as a symbol for education. The open book is an additional symbol for education widely used by



Engineering

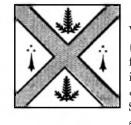
universities and colleges.

Orange, the color for the engineering hood, is used in the form of a flexible, expandable framework called a mascle, which illustrates the growth of this discipline in response to the growth of science and of public needs. The deep blue reflects the extensive commitment of Engineering to doctoral studies.



Graduate School of Business

The hood for this school—drab or biscuit—is not a heraldic color and is used sparingly on the flag. The design elements are the true knot, illustrating the unifying function of management, and the lion. The lion not only reflects the concern of this school with finance—the red lion representing gold—but also commemorates the first dean of the school, Professor Willard E. Hotchkiss, whose family bore the red lion on its coat of arms.



Humanities and Sciences

White (silver) for the arts and yellow (gold) for science are combined in this flag with a red diagonal cross symbolizing the extent to which this school directs the studies of the majority of Stanford undergraduate students. The small black design element, the ermine, recalls the ermine-trimmed hood commonly worn by medieval scholars.

Law

Royal purple, the academic color of the law hood, is combined with a pattern of ermine on white. Ermine-trimmed robes are traditionally associated with justice, and the flag represents the dual concerns of law and justice.

Medicine

The green used for the degree hoods for medicine and allied subjects forms a background for the Aesculapian staff and serpent long used as the symbol for medicine. The geometric pattern of white on red repeats the design element so prominently displayed on the walls of the Medical School building.

University Flag

This flag, which is intended for

University-wide use, takes as its

principal design element the triple





redwood frond which is common to all the school flags.

Presidential Flag

The President's Flag is derived from the seal adopted by the University's first president, David Starr Jordan. The Palo Alto redwood tree represented in its natural colors, on a white ground, is set off from the cardinal field by the same decorative ring used around the edges of seals.

Order of Academic Procession

The Procession of Candidates for Degrees and of the Faculty will enter the Stanford Stadium in the following order:

Dean of Students, Chief Undergraduate Marshal

University School Flags Candidates for Bachelor's Degree

Chief Advanced Degree Marshal

Candidates for Advanced Degrees

Senate Chair of the Academic Council, Chief Faculty Marshal

University Flag

Senate of the Academic Council

Commencement Award Winners, Distinguished Guests

Faculty

Deans

Officers of the University

Trustees

Chair of the Board of Trustees

President's Flag

Dean and Senior Associate Dean for Religious Life

Provost

Commencement Speaker

President of the University

Candidates for Degrees will be presented to the University President by the dean of each school. At the conclusion of the Commencement Ceremony, the graduates will leave the stadium to receive their diplomas at individual award ceremonies. (See the map on the inside back cover of this publication for the location of each award ceremony.)

The speaker for the Baccalaureate Celebration at 9:30 a.m., Saturday, June 11, on the Main Quad was Sylvia Boorstein, L.C.S.W., Ph.D.

Teacher, Psychotherapist, Author, and Co-founder of Spirit Rock Meditation Center in Woodacre, California. Dr. Boorstein is both a practicing Jew and a Buddhist.

The Baccalaureate Student Address was given by Jazib Zahir, *Senior in Electrical Engineering*

Commencement Program

Processional

Stanford Jazz Workshop Commencement Ensemble James Nadel, Director and Jazz Lecturer, Department of Music

America, The Beautiful Stanford Chamber Chorale Stephen Sano, Associate Professor of Music, Director of Choral Studies

> Invocation Reverend Scotty McLennan, Dean for Religious Life

> > Welcome President John L. Hennessy

Presentation of Awards Provost John W. Etchemendy The Walter J. Gores Faculty Achievement Awards The Lloyd W. Dinkelspiel Awards The Kenneth M. Cuthbertson Awards

Address

Steve Jobs CEO of Apple Computer and CEO of Pixar Animation Studios

Conferral of Degrees

Greetings to the Graduates President John L. Hennessy

The Stanford Hymn Stanford Chamber Chorale

Benediction

Rabbi Patricia Karlin-Neumann, Senior Associate Dean for Religious Life

Recessional

Stanford Jazz Workshop Commencement Ensemble

The audience is requested to keep the aisles clear during the Ceremony.

Following the Benediction, members of the audience are asked to remain standing until the trustees, faculty, and graduates have left the stadium.

Walter J. Gores Faculty Achievement Awards

By request of Professor Walter J. Gores, a Stanford alumnus, Class of 1917, the Walter J. Gores Faculty Achievement Awards have been established at Stanford. The awards are given annually in recognition of excellence in teaching in its broadest sense. Ordinarily, awards are given to a senior faculty member (associate or full professor) or a senior lecturer, a junior faculty member or member of the teaching staff, and a teaching fellow or assistant. A fourth award may be given for a special innovative contribution to teaching.

The following individuals are the 2005 recipients:

Thomas Byers, Professor (Teaching) of Management Science and Engineering

Brett Bourbon, Assistant Professor of English

Maksim (Max) Kamenetsky, Ph.D. student in Electrical Engineering

Virginia Matzek, Ph.D. student in Biological Sciences

Lloyd W. Dinkelspiel Awards

The Lloyd W. Dinkelspiel Awards for Outstanding Service to Undergraduate Education at Stanford University are awarded annually to faculty or staff members and two members of the senior class who have made distinctive contributions to the development and enrichment of undergraduate education in its broadest sense.

Endowment for the awards was given in 1960 as a memorial by the family and friends of Lloyd W. Dinkelspiel, who served Stanford University with distinction for many years, most notably as President of the Board of Trustees from 1953 to 1958.

The following individuals are the 2005 recipients:

Adrienne Jamieson, Mary Lou and George Boone Centennial Professor and Director, Stanford in Washington Program H. Jazmin Quill, Lecturer in Psychology

Sarala Nagala, Senior in Public Policy

Vivien Fu-Ning Wang, Senior in Management Science and Engineering, and Art and Art History

Kenneth M. Cuthbertson Award

In 1981, faculty friends established an endowed fund as a tribute to Kenneth M. Cuthbertson, a Stanford alumnus, one of the University's first vice presidents, and the internal architect and staff director of the Campaign for Stanford. It is given annually to recognize exceptional service to Stanford University and honors the recipient's contribution to the goals of the University understood in their widest sense. The Cuthbertson Award is open to all members of the Stanford Community. The following individual is the 2005 recipient:

Lois Wagner, Director, University Events/Lively Arts

America, The Beautiful and The Stanford Hymn

Members of the audience are invited to join in the singing of *America, the Beautiful* and *The Stanford Hymn.* Song text will be signed by Cathy Haas, Lecturer, Division of Literatures, Cultures, and Languages.

America, The Beautiful

O beautiful for spacious skies For amber waves of grain. For purple mountain majesties Above the fruited plain! America! America! God shed His grace on thee, And crown thy good with brotherhood From sea to shining sea.

The Stanford Hymn

Where the rolling foothills rise Up toward mountains higher, Where at eve the coast range lies In the sunset fire. Flushing deep and paling, Here we raise our voices, hailing Thee, our Alma Mater. Refrain From the foothills to the bay It shall ring, As we sing, It shall ring and float away, Hail, Stanford, hail! Hail, Stanford, hail!

Board of Trustees

Victor Arias, Jr. Kenneth J. Bacon Paul V. Barber Robert M. Bass Peter S. Bing Jon E. Blum Young J. Boozer, III T. Robert Burke Mariann Byerwalter Michael H. Choo Mary B. Cranston Steven A. Denning Bradford M. Freeman Leslie T. Hatamiya John L. Hennessy Walter B. Hewlett Pete Higgins Leslie P. Hume William C. Landreth John P. Levin Susan R. McCaw Burton J. McMurtry (Chair) John P. Morgridge Wendy Munger Ellen Ochoa Mark S. Oldman Denise M. O'Leary Susan P. Orr Victoria P. Sant John H. Scully V. Joy Simmons W. Richard West, Jr. Ward W. Woods, Jr.

Endowed Professorships, Directorships, and Curatorships

The Endowed Professorship is a respected academic tradition. It brings honor to the holder, distinction to the institution, and a sense of achievement to the donor.

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Forty-five members of the Stanford faculty were named to Endowed Professorships during the year:

Jennifer Aaker (Business), The General Atlantic Partners Professor in the Graduate School of Business Susan Athey (Economics), The Holbrook Working Professor in

Susan Alley (Economics), The Holbrook Working Professor in Commodity Price Studies

Keith M. Baker (History), The J.E. Wallace Sterling Professor in the Humanities and (concurrently) The Jean-Paul Gimon Director of the France-Stanford Center for Interdisciplinary Studies

B. Douglas Bernheim (Economics), *The Edward Ames Edmonds Professor in Economics*

Daniel Bernstein (Pediatrics), The Alfred Woodley Salter and Mabel Smith Salter Endowed Professor in Pediatrics

Anthony S. Bryk (Education, Business), The Spencer Foundation Professor of Organizational Studies in Education and Business Gunner Carlsson (Mathematics), The Ann and Bill Swindells Professor

Robert M. Daines (Law), The Pritzker Professor of Law and Business Peter DeMarzo (Business), The Mizuho Financial Group Professor in the Graduate School of Business

Rodolfo Dirzo (Biological Sciences), The Bing Professor in Environmental Science

Carol Dweck (Psychology), The Lewis and Virginia Eaton Professor Harry J. Elam (Drama), The Olive H. Palmer Professor in Humanities

Yakov Eliashberg (Mathematics), The Herald L. and Caroline L. Ritch Professor in the School of Humanities and Sciences James Fearon (Political Science), The Theodore and Frances

Geballe Professor in the School of Humanities and Sciences

George Fisher (Law), The Judge John Crown Professor in Law Richard B. Ford (Law), The George E. Osborne Professor in Law Margaret Fuller (Developmental Biology, Genetics), The Reed-Hodgson Professor in Human Biology

Judith Goldstein (Political Science), The Sakurako and William Fisher Family Director of the Division of International, Comparative and Area Studies Jeffrey Gould (Pediatrics), The Robert L. Hess Professor in Pediatrics

Henry T. Greely (Law), The Deane F and Kate Edelman Johnson Professor in Law

Frank L. Hanley (Medicine), The Lawrence Crowley, M.D., Endowed Professor in Child Health

James Harris (Electrical Engineering), The James and Ellenor Chesebrough Professor in the School of Engineering

Mark Horowitz (Computer Science, Electrical Engineering), The Yahoo! Founders Professor in the School of Engineering

Ian Johnstone (Statistics), The Marjorie Mhoon Fair Professorship in Quantitative Science

Patricia Jones (Biological Sciences), The Dr. Nancy Chang Professor of Biological Sciences

Steven Kahn (Stanford Linear Accelerator Center, Physics), The Cassius Lamb Kirk Professor in the Natural Sciences

Larry Kramer (Law), The Richard E. Lang Professor for the Dean at Stanford Law School

Jonathan Krosnick (Communication, Political Science), The Frederic O. Glover Professor

Mark A. Lemley (Law), The William Neukom Professor in Law Mark Lepper (Psychology), The Albert Ray Lang Professor of Psychology

Lawrence Lessig (Law), The C. Wendell and Edith M. Carlsmith Professor of Stanford Law School

Lawrence L.K. Leung (Medicine), The Maureen Lyles D'Ambrogio Professor in the School of Medicine

Carolyn Lougee Chappell (History), The Frances and Charles Field Professor in History

Andrea A. Lunsford (English), The Louise Hewlett Nixon Professor

William Maloney (Medicine), The Elsbach-Richards Professor in Surgery

Haim Mendelson (Business), The Kleiner Perkins Caulfield and Byers Professor in the Graduate School of Business

Julie Parsonnet (Medicine), The George DeForest Barnett Professor in Medicine

Cecilia Ridgeway (Sociology), The Lucie Stern Professor in the Social Sciences

Stephen Schneider (Biological Sciences), The Melvin and Joan Lane Professor for Interdisciplinary Environmental Studies

Richard J. Shavelson (Education), The Margaret Jacks Professor of Education

Robert Simoni (Biological Sciences), The Donald Kennedy Chair in the School of Humanities and Sciences

Teresa Wang (Medicine), *The Klaus Bensch Professor in* Experimental Pathology

Irving Weissman (Medicine), The Virginia and D.K. Ludwig Professor for Clinical Investigation in Cancer Research

Paul Wise (Pediatrics), The Richard E. Behrman Professor in Child Health and Society

Alan C. Yeung (Medicine), The Interventional Professor in the School of Medicine

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Members of the Faculty honored as University Fellows in Undergraduate Education are the following:

Elizabeth B. Bernhardt (German Studies), The W. Warren Shelden University Fellow in Undergraduate Education

Coit D. Blacker (Stanford Institute for International Studies), The Olivier Nomellini Family University Fellow in Undergraduate Education

John Boothroyd (Microbiology and Immunology), The Dunlevie Family University Fellow in Undergraduate Education

Patricia R. Burchat, (Physics), The Sapp Family University Fellow in Undergraduate Education

Thomas H. Byers (Management Science and Engineering), The Barbara and Buzz McCoy University Fellow in Undergraduate Education

Robert B. Dunbar (Geological and Environmental Sciences), The J. Frederick and Elisabeth Brewer Weintz University Fellow in Undergraduate Education

William H. Durham (Anthropological Sciences), The Jerry Yang and Akiko Yamazaki University Fellow in Undergraduate Education

Christopher F. Edwards (Mechanical Engineering), The John Henry Samter University Fellow in Undergraduate Education

Harry J. Elam, Jr. (Drama), The Robert and Ruth Halperin University Fellow in Undergraduate Education

Russell D. Fernald (Psychology), The Mimi and Peter Haas University Fellow in Undergraduate Education

David L. Freyberg (Civil and Environmental Engineering), The Landreth Family University Fellow in Undergraduate Education Hester G. Gelber (Religious Studies), The John and Lydia

Pearce Mitchell University Fellow in Undergraduate Education

Judith L. Goldstein (Political Science), The William and Dorothy Kaye University Fellow in Undergraduate Education

James J. Gross (Psychology), The Rachford and Carlota A. Harris University Fellow in Undergraduate Education

H. Craig Heller (Biological Sciences), The William and Lynda Steere University Fellow in Undergraduate Education

Patricia P. Jones (Biological Sciences), The Duca Family University Fellow in Undergraduate Education

Terry L. Karl (Political Science, Stanford Institute for International Studies), The William R. and Gretchen Kimball University Fellow in Undergraduate Education

David M. Kennedy (History), The Thomas W. and Susan B. Ford University Fellow in Undergraduate Education

Daphne Koller (Computer Science) The Oswald G. Villard University Fellow in Undergraduate Education

Carolyn Lougee Chappell (History), The Martin Family University Fellow in Undergraduate Education

Andrea A. Lunsford (English), The Louise and Claude Rosenberg, Jr. University Fellow in Undergraduate Education Pamela A. Matson (Geological and Environmental Sciences, Stanford Institute for International Studies), *The Burton J. and* Deedee McMurtry University Fellow in Undergraduate Education

Douglas Osheroff (Physics), The Gerhard Casper University Fellow in Undergraduate Education

John R. Rickford (Linguistics), The Pritzker University Fellow in Undergraduate Education

Eric Roberts (Computer Science), The John A. and Cynthia Fry Gunn University Fellow in Undergraduate Education

Channing R. Robertson (Chemical Engineering), *The Yumi and Yasunori Kaneko Family University Fellow in Undergraduate Education*

Ramón Saldívar (English), Comparative Literature), The Milligan Family University Fellow in Undergraduate Education

James J. Sheehan (History), The Paul Davies Family University Fellow in Undergraduate Education

John B. Shoven (Economics), The Kleinheinz Family University Fellow in Undergraduate Education

Robert D. Simoni (Biological Sciences) The Robert K. Packard University Fellow in Undergraduate Education

Jonathan F. Stebbins (Geological and Environmental Sciences), The Eleanor Loring Ritch University Fellow in Undergraduate Education

Thomas A. Wasow (Linguistics, Philosophy), The Bert and Candace Forbes University Fellow in Undergraduate Education

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Members of the faculty honored earlier are the following:

Anat R. Admati (Business), The Joseph McDonald Professorship in the Graduate School of Business

Janet Cooper Alexander (Law), The Frederick I. Richman Professorship of Law

Hans C. Andersen (Chemistry), The David Mulvane Ehrsam and Edward Curtis Franklin Professorship in Chemistry

Jean-Marie Apostolidès (French and Italian, Drama), The William H. Bonsall Professorship in French

Ann M. Arvin (Pediatrics, Microbiology and Immunology), The Lucile Salter Packard Professorship in the Department of Pediatrics

Khalid Aziz (Petroleum Engineering), The Otto N. Miller Professorship in the School of Earth Sciences

Bruce S. Baker (Biological Sciences), The Dr. Morris Herzstein Professorship in Biology

Albert Bandura (Psychology), The David Starr Jordan Professorship Joseph Bankman (Law), The Ralph M. Parsons Professorship in Law and Business

Alessandro Barchiesi (Classics), The Gesue and Helen Spogli Professorship in Italian Studies

Stephen R. Barley (Management Science and Engineering), The Charles M. Pigott Professorship in the School of Engineering

William P. Barnett (Business), The Thomas M. Siebel Professorship in Business Leadership

David P. Baron (Business), The David S. and Ann M. Barlow Professorship in Management in the Graduate School of Business James N. Baron (Business), The Walter Kenneth Kilpatrick Professorship in the Graduate School of Business

Mary E. Barth (Business), The Atholl McBean Professorship in Economics

Malcolm R. Beasley (Applied Physics), The Theodore and Sydney Rosenberg Professorship in Applied Physics

William H. Beaver (Business), The Joan E. Horngren Professorship of Accounting John B. Bender (English, Comparative Literature), The Jean G. and Morris M. Doyle Professorship in Interdisciplinary Studies and The Anthony P. Meier Family Professorship in the Humanities

Jonathan Bendor (Business), The Walter and Elise Haas Professorship in the Graduate School of Business

William E. Benitz (Pediatrics), The Philip Sunshine, M.D., Professor in Neonatology

 ${\bf Karol\,Berger}\,({\rm Music}), The\,Osgood\,Hooker\,Professorship\,in\,Fine\,Arts$

Russell A. Berman (German Studies, Comparative Literature), The Walter A. Haas Professorship in the Humanities

B. Douglas Bernheim (Economics), The Lewis and Virginia Eaton Professorship in Economics

Daniel Bernstein (Pediatrics), Alfred Woodley and Mabel Smith Salter Endowed Professor in Pediatrics

Bernard S. Black (Law), The George E. Osborne Professorship in Law

Roger Blandford (Stanford Linear Accelerator Center, Physics), The Pehong and Adele Chen Directorship

Helen M. Blau (Microbiology and Immunology, Molecular Pharmacology), The Donald E. and Delia B. Baxter Professorship in Pharmacology

Barbara A. Block (Biological Sciences), The Charles and Elizabeth Prothro Professorship in Marine Sciences

Eavan Boland (English), The Bella Mabury and Eloise Mabury Knapp Professorship in Humanities and (concurrently) The Melvin and Bill Lane Professorship for the Director of the Creative Writing Program

Michael J. Boskin (Economics), The Tully Friedman Professorship in Economics

Steven G. Boxer (Chemistry), The Camille and Henry Dreyfus Professorship in Chemistry

Stephen P. Boyd (Electrical Engineering), The Samsung Professorship in the School of Engineering

David W. Brady (Political Science, Hoover Institution), The Morris M. Doyle Centennial Professorship in Public Policy and (concurrently) The Bowen H. and Janice Arthur McCoy Professorship in Ethics

Michael E. Bratman (Philosophy), The U.G. and Abbie Birch Durfee Professorship

John I. Brauman (Chemistry), The J.G. Jackson and C.J. Wood Professorship in Chemistry

John C. Bravman (Materials Science and Engineering), The Freeman-Thornton Chair for the Vice Provost for Undergraduate Education

Timothy F. Bresnahan (Economics), The Landau Professorship in Technology and the Economy

Joan W. Bresnan (Linguistics), The Sadie Dernham Patek Professorship in Humanities

Gordon E. Brown, Jr. (Geological and Environmental Sciences), The Dorrell William Kirby Professorship of Geology in the School of Earth Sciences

Jeremy I. Bulow (Business), The Richard Stepp Professorship in the Graduate School of Business

Robert A. Burgelman (Business), The Edmund W. Littlefield Professorship in the Graduate School of Business

Robert L. Byer (Applied Physics), The William R. Kenan, Jr. Professorship

Albert M. Camarillo (History), The Miriam and Peter Haas Centennial Professorship in Public Service

Allan M. Campbell (Biological Sciences), The Barbara Kimball Browning Professorship in the School of Humanities and Sciences Brian J. Cantwell (Aeronautics and Astronautics, Mechanical Engineering), The Edward C. Wells Professorship in the School of Engineering

Glenn R. Carroll (Business), The Lane Professorship in the Graduate School of Business

Gerhard Casper (Law), *The Peter and Helen Bing Professorship* in Undergraduate Education

Christopher D. Chafe (Music), The Duca Family Professorship Terry J. Castle (English), The Walter A. Haas Professorship in the Humanities

Stephen Chu (Physics, Applied Physics), The Theodore and Frances Geballe Endowed Professorship in the School of Humanities and Sciences

John M. Cioffi (Electrical Engineering), The Hitachi America Professorship in the School of Engineering

Jon F. Claerbout (Geophysics), The Cecil H. and Ida M. Green Professorship in Geophysics

Michael L. Cleary (Pathology, Pediatrics), The Lindhard Family Professorship in Pediatric Cancer Biology

Harvey J. Cohen (Pediatrics), The Arline and Peter Harman Professorship for the Chair of the Department of Pediatrics

Stanley N. Cohen (Genetics, Medicine), *The Kwoh-Ting Li* Professorship in the School of Medicine

Karen S. Cook (Sociology), The Ray Lyman Wilbur Professorship Wanda M. Corn (Art and Art History), The Robert and Ruth Halperin Professorship

Thomas M. Cover (Electrical Engineering, Statistics), The Kwoh-Ting Li Professor in the School of Engineering

Donald C. Cox (Electrical Engineering), The Harald Trap Friis Professorship

Richard Craswell (Law), The William F. Baxter-Visa International Professorship in Law

William J. Dally (Electrical Engineering, Computer Science), The Willard R. and Inez Kerr Bell Professorship in the School of Engineering

Linda Darling-Hammond (Education), The Charles E. Ducommun Professorship in the School of Education

Mark M. Davis (Microbiology and Immunology), The Burt and Marion Avery Professorship in Immunology

William C. Dement (Psychiatry and Behavioral Sciences), The Lowell W. and Josephine Q. Berry Professorship in the Department of Psychiatry and Behavioral Sciences

Mark W. Denny (Biological Sciences), The John B. and Jean De Nault Professorship in Marine Sciences

Persi Diaconis (Statistics, Mathematics), The Mary V. Sunseri Professorship

Sarah S. Donaldson (Radiation Oncology), The Catharine and Howard Avery Professorship in the School of Medicine

David L. Donoho (Statistics), The Anne T and Robert M. Bass Professorship in the School of Humanities and Sciences (V)

John J. Donohue (Law), The William H. Neukom Professorship in Law

Maurice L. Druzin (Obstetrics and Gynecology), The Charles B. and Ann L. Johnson Professorship in the School of Medicine

Darrell Duffie (Business), *The James Irvin Miller Professorship* in Finance

William H. Durham (Anthropological Sciences), The Bing Professorship in Human Biology

Robert W. Dutton (Electrical Engineering), The Robert and Barbara Kleist Professorship in the School of Engineering

Bradley Efron (Statistics, Health Research and Policy), The Max H. Stein Professorship

Paul R. Ehrlich (Biological Sciences), The Bing Professorship in Population Studies

Arnold M. Eisen (Religious Studies), The Daniel E. Koshland Professorship in Jewish Culture and History

Kathleen M. Eisenhardt (Management Science and Engineering), The Stanford W. Ascherman, M.D. Professorship in Engineering

Elliot W. Eisner (Education), The Lee L. Jacks Professorship of Child Education

Per K. Enge (Aeronautics and Astronautics), *The Kleiner Perkins, Mayfield, Sequoia Capital Professorship in the School of Engineering*

David Epel (Biological Sciences), The Jane and Marshall Steel Jr. Professorship in Marine Sciences

John W. Etchemendy (Philosophy), The Patrick Suppes Family Professorship in the School of Humanities and Sciences

Carlos O. Esquivel (Surgery), The Arnold and Barbara Silverman Professorship in Pediatrics Transplantation

J. Martin Evans (English), The William R. Kenan Jr. Professorship Stanley Falkow (Microbiology and Immunology, Medicine), The Robert W. and Vivian K. Cahill Professorship in Cancer Research

Bernard R. Faure (Religious Studies), The George Edwin Burnell Professorship in Religious Studies

Michael D. Fayer (Chemistry), The David Mulvane Ehrsam and Edward Curtis Franklin Professorship in Chemistry (II)

Willard E. Fee, Jr. (Otolaryngology/Head and Neck Surgery), The Edward C. and Amy H. Sewall Professorship II in the School of Medicine

Marcus W. Feldman (Biological Sciences), The Burnet C. and Mildred Finley Wohlford Professorship in the School of Humanities and Sciences

John A. Ferejohn (Political Science, Hoover Institution), The Caroline S. G. Munro Professorship in Political Science

Anne Fernald (Psychology), The Josephine Knotts Knowles Professorship in Human Biology

Russell D. Fernald (Psychology, Human Biology), The Benjamin Scott Crocker Professorship in Human Biology

Brian Ferneyhough (Music), The William H. Bonsall Professorship in Music

James E. Ferrell (Molecular Pharmacology), The Reed-Hodgson Professorship in Human Biology

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Avram Goldstein (Pharmacology), Addiction Research Foundation Professor in the School of Medicine, Emeritus

Joseph W. Goodman (Electrical Engineering), William E. Ayer Professor of Electrical Engineering, Emeritus

James G. Greeno (Education), Margaret Jacks Professor of Education, Emeritus

Ruth T. Gross (Pediatrics), Katharine Dexter and Stanley McCormick Memorial Professor of Pediatrics, Emerita

Sir Stuart Hampshire (Philosophy), William H. Bonsall Professor in the Humanities, Emeritus

Edward D. Harris, Jr. (Medicine), George DeForest Barnett Professor in Medicine, Emeritus

Van A. Harvey (Religious Studies), George Edwin Burnell Professor of Religious Studies, Emeritus

Albert H. Hastorf (Psychology), Benjamin Scott Crocker Professor in Human Biology, Emeritus

Shirlev Brice Heath (English, Linguistics), Margery Bailey Professor in English and Dramatic Literature, Emerita

David S. Hogness (Developmental Biology, Biochemistry), Rudy J. and Daphne Donohue Munzer Professor in the School of Medicine, Emeritus

Charles A. Holloway (Business), Kleiner Perkins Caufield and Byers Professor in the Graduate School of Business, Emeritus

Halsted R. Holman (Medicine), Berthold and Belle N. Guggenhime Professor in Medicine, Emeritus

Charles T. Horngren (Business), Edmund W. Littlefield Professor of Accounting in the Graduate School of Business, Emeritus

James E. Howell (Business), Theodore J. Kreps Professor in the Graduate School of Business, Emeritus

Thomas Hughes (Mechanical Engineering), Mary and Gordon Crary Professor in the School of Engineering, Emeritus Robert K. Jaedicke (Business), Philip H. Knight Professor and

Dean of Business, Emeritus

Thomas Kailath (Electrical Engineering), Hitachi America Professor in the School of Engineering, Emeritus

A. Dale Kaiser (Biochemistry, Developmental Biology), Jack, Lulu, and Sam Willson Professor in Biochemistry, Emeritus Samuel Karlin (Mathematics), Robert Grimmett Professor of Mathematics, Emeritus

William N. Kays (Mechanical Engineering), Lewis M. Terman Professor, Emeritus

Joseph B. Keller (Mathematics, Mechanical Engineering), Lewis M. Terman Professor, Emeritus

Donald Kennedy (Biological Sciences, Stanford Institute for International Studies), *President, Emeritus, and Bing Professor of Environmental Science, Emeritus*

Gordon S. Kino (Electrical Engineering), W. M. Keck Foundation Professor of Electrical Engineering, Emeritus

George H. Knoles (History), Margaret Byrne Professor of American History, Emeritus

Donald E. Knuth (Computer Science), *Fletcher Jones Professor* of Computer Science, Emeritus

Arthur Kornberg (Biochemistry), Emma Pfeiffer Merner Professor of Biochemistry, Emeritus

Harold Jack Leavitt (Business), Walter Kenneth Kilpatrick Professor of Organizational Behavior in the Graduate School of Business, Emeritus

I. Robert Lehman (Biochemistry), William M. Hume Professor in the School of Medicine, Emeritus

Henry M. Levin (Education), David Jacks Professor of Higher Education, Emeritus

John W. Lewis (Political Science, Stanford Institute for International Studies), William Haas Professor of Chinese Politics, Emeritus

Herbert S. Lindenberger (English, Comparative Literature), Avalon Foundation Professor of Humanities, Emeritus

John G. Linvill (Electrical Engineering), Canon U.S.A. Professor of Engineering, Emeritus

Seymour Martin Lipset (Political Science), Caroline S. G. Munro Professor of Political Science, and Sociology, Emeritus John C. Loftis (English), Margery Bailey Professor of English, Emeritus

Richard W. Lyman (History), President Emeritus and J. E. Wallace Sterling Professor in the Humanities, Emeritus

Eleanor E. Maccoby (Psychology), Barbara Kimball Browning Professor of Psychology, Emerita

Albert Macovski (Electrical Engineering, Radiology), Canon USA Professor of Engineering and Professor of Radiology, Emeritus

Robert J. Madix (Chemical Engineering), Charles Lee Powell Professor in the School of Engineering, Emeritus

Tag E. Mansour (Molecular Pharmacology), Donald E. and Delia B. Baxter Professor of Pharmacology, Emeritus

James G. March (Business, Political Science, Sociology), Jack Steele Parker Professor of International Management in the Graduate School of Business, Emeritus

Perry L. McCarty (Civil and Environmental Engineering), Silas H. Palmer Professor of Civil Engineering, Emeritus

Harden M. McConnell (Chemistry), Robert Eckles Swain Professor of Chemistry, Emeritus Joseph S. McGuire, Jr. (Dermatology, Pediatrics), Carl J. Herzog Professor of Dermatology in the School of Medicine, Emeritus

Ronald I. McKinnon (Economics), William D. Eberle Professor in Economics, Emeritus

Gerald Meier (Business), Konusuke Matsuhita Professor of International Economics and Policy Analysis, Emeritus

Thomas C. Merigan, Jr. (Medicine), George E. and Lucy Becker Professor in Medicine, Emeritus

John H. Merryman (Law), Nelson Bowman and Marie B. Sweitzer Professor of Law, Emeritus

James R. Miller III (Business), Walter and Elise Haas Professor in the Graduate School of Business, Emeritus

Katharina Mommsen (German Studies), Albert Guerard Professor of Literature, Emerita

David B. Montgomery (Business), Sebastian S. Kresge Professor of Marketing, Emeritus

David S. Nivison (Philosophy), Walter Y. Evans-Wentz Professor of Oriental Philosophies, Religions, and Ethics, Emeritus

William D. Nix (Materials Science and Engineering), Lee Otterson Professor in the School of Engineering, Emeritus

Nel Noddings (Education), Lee L. Jacks Professor of Child Education, Emerita

Nathan Oliveira (Art), Ann O'Day Maples Professor in the Arts, Emeritus

Nancy H. Packer (English), Melvin and Bill Lane Professor in the Humanities, Emerita

Peter Paret (History), Raymond A. Spruance Professor of International History, Emeritus

George A. Parks (Geological and Environmental Sciences), Donald and Donald M. Steel Professor in the School of Earth Sciences, Emeritus

Anne E. Peck (Food Research Institute), Holbrook Working Professor of Commodity Price Studies, Emerita

Marjorie G. Perloff (English), Sadie Dernham Patek Professor of Humanities, Emerita

James T. S. Porterfield (Business), James Irvin Miller Professor of Finance in the Graduate School of Business, Emeritus

Mary L. Pratt (Spanish and Portuguese, Comparative Literature), Olive H. Palmer Professor in the Humanities, Emerita

Calvin F. Quate (Electrical Engineering, Applied Physics), Leland T Edwards Professor in the School of Engineering, Emeritus

Thomas A. Raffin (Medicine), Colleen and Robert Haas Professor in Medicine and Biomedical Ethics, Emeritus

Michael L. Ray (Business), John G. McCoy—Banc One Corporation Professor in the Graduate School of Business, Emeritus

Irwin Remson (Geology), Barney and Estelle Morris Professor of Earth Sciences, Emeritus

Burton Richter (Stanford Linear Accelerator Center), Paul Piggot Professor in the Physical Sciences, Emeritus

Paul V. Roberts (Civil and Environmental Engineering), C. L. Peck, Class of 1906, Professor of Engineering, Emeritus

Renato I. Rosaldo (Cultural and Social Anthropology), Lucie Stern Professor in the Social Sciences, Emeritus

Saul A. Rosenberg (Medicine, Radiation Oncology), Maureen Lyles D'Ambrogio Professor in the School of Medicine, Emeritus John Ross (Chemistry), Camille and Henry Dreyfus Professor of Chemistry, Emeritus

Henry S. Rowen (Business, Hoover Institution), Edward B. Rust Professor of Public Management in the Graduate School of Business and Senior Fellow at the Hoover Institution, Emeritus Lawrence V. Ryan (English), Joseph S. Atha Professor of Humanities, Emeritus

Robert T. Schimke (Biological Sciences), American Cancer Society Research Professor of Biology, Emeritus

Myron S. Scholes (Business, Law), Frank E. Buck Professor in the Graduate School of Business, Emeritus

Irving Schulman (Pediatrics), Marron and Mary Elizabeth Kendrick Professor of Pediatrics, Emeritus

Kenneth E. Scott (Law, Hoover Institution), Ralph M. Parsons Professor of Law and Business, Emeritus

Haresh C. Shah (Civil and Environmental Engineering), Obayashi Professor in the School of Engineering, Emeritus

William F. Sharpe (Business), STANCO 25 Professor in the Graduate School of Business, Emeritus

George P. Shultz (Business), Jack Steele Parker Professor of International Economics, Emeritus

Norman E. Shumway (Cardiothoracic Surgery), Frances and Charles Field Professor of Cardiovascular Surgery, Emeritus

Anthony E. Siegman (Electrical Engineering), Burton J. and Deedee M. McMurtry Professor in the School of Engineering, Emeritus

William H. Simon (Law), William W. and Gertrude H. Saunders Professor in Law, Emeritus

G. William Skinner (Anthropology), Barbara Kimball Browning Professor in the School of Humanities and Sciences, Emeritus A. Michael Spence (Business), Philip H. Knight Professor, Emeritus

Peter D. L. Stansky (History), Frances and Charles Field Professor in History, Emeritus

Charles M. Stein (Statistics), Ray Lyman Wilbur Professor of Statistics, Emeritus

Edward B. Stinson (Cardiothoracic Surgery), Thelma and Henry Doelger Professor of Cardiovascular Surgery, Emeritus Frank E. Stockdale (Medicine), Maureen Lyles D'Ambrogio Professor in the School of Medicine, Emeritus

Robert L. Street (Civil and Environmental Engineering), William Alden Campbell and Martha Campbell Professor in the School of Engineering, Emeritus

Lubert Stryer (Neurobiology), Mrs. George A. Winzer Professor in Cell Biology, Emeritus

D. Michael Sullivan (Art), Christensen Professor of Oriental Art, Emeritus

Patrick Suppes (Philosophy, Statistics), Lucie Stern Professor of Philosophy, Emeritus

Henry Taube (Chemistry), Marguerite Blake Wilbur Professor of Chemistry, Emeritus

Keith B. Taylor (Medicine), George DeForest Barnett Professor of Medicine, Emeritus

George A. Thompson (Geophysics), Otto N. Miller Professor of Earth Sciences, Emeritus

David B. Tyack (Education), Vida Jacks Professor of Education, Emeritus

Jeffrey D. Ullman (Computer Science), Stanford W. Ascherman, M.D. Professor in the School of Engineering, Emeritus

James O. Urmson (Philosophy), Henry Walgrave Stewart Professor of Philosophy, Emeritus

Tjeerd H. van Andel (Geology), Wayne Loel Professor of Earth Sciences, Emeritus

Howard R. Williams (Law), Stella W. and Ira S. Lillick Professor of Law, Emeritus

Robert B. Wilson (Business), Adams Distinguished Professor in Management, Emeritus

Charles Yanofsky (Biological Sciences), Dr. Morris Herzstein Professor of Biology, Emeritus

Emeriti, 2004-05

The following members of faculty were or will be granted the following titles effective on the dates indicated:

Takeshi Amemiya (Economics), Edward Ames Edmonds Professor in Economics, Emeritus 3/29/2005

Barbara Babcock (Law), Judge John Crown Professor in Law, Emerita 7/7/2004

John Baugh (Education), Professor of Education, Emeritus 9/1/2005

Gordon H. Bower (Psychology), Albert Ray Lang Professor of Psychology, Emeritus 1/2/2005

Paul J. Cohen (Mathematics), Marjorie Mhoon Fair Professor in Quantitative Science, Emeritus 1/2/2005

James P. Collman (Chemistry), George A. and Hilda M. Daubert Professor of Chemistry, Emeritus 1/2/2005

C. Allin Cornell (Civil and Environmental Engineering), Professor (Research) of Civil and Environmental Engineering, Emeritus 7/1/2005

Richard W. Cottle (Management Science and Engineering), Professor of Management Science and Engineering, Emeritus 1/2/2005

Paul A. David (Economics), Professor of Economics, Emeritus 4/1/2005

Lance E. Dickson (Law), Professor of Law, Emeritus 9/1/2004 Sandra E. Drake (English), Associate Professor of English, Emerita 9/1/2004

W. Gary Ernst (Geological and Environmental Sciences), Benjamin M. Page Professor in Earth Sciences, Emeritus 9/1/2004

Theodore Fainstat (Obstetrics and Gynecology), Professor of Obstetrics and Gynecology, Emeritus 1/2/2005

Luis F. Fajardo (Pathology), Professor of Pathology, Emeritus 1/1/2005

James F. Fries (Medicine), Professor of Medicine, Emeritus 7/1/2005

Heinz Furthmayr (Pathology), Professor of Pathology, Emeritus 1/1/2005

Edward L. Garwin (Stanford Linear Accelerator Center), Professor (Applied Research) at the Stanford Linear Accelerator Center, Emeritus 1/2/2005

F. Carl Grumet (Pathology), Professor of Pathology, Emeritus 10/12/2004

Raymond L. Hintz (Pediatrics), Professor of Pediatrics, Emeritus 1/4/2005

Halsted R. Holman (Medicine), Berthold and Belle N. Guggenhime Professor of Medicine, Emeritus 1/1/2005

A. Dale Kaiser (Biochemistry), Jack, Lula and Sam Willson Professor of Biochemistry, Emeritus 9/1/2004

Joan J. Kendig (Anesthesia), Professor of Biology in the Department of Anesthesia, Emerita 2/1/2005

Robert L. Kovach (Geophysics), Professor of Geophysics, Emeritus 1/2/2005 **Gail W. Lapidus** (Stanford Institute for International Studies), Senior Fellow at the Stanford Institute for International Studies, Emerita 7/1/2005

I. Robert Lehman (Biochemistry), William M. Hume Professor in the School of Medicine, Emeritus 9/1/2004

Robert J. Madix (Chemical Engineering), Charles Lee Powell Professor in the School of Engineering, Emeritus 1/1/2005

Mark Mancall (History), Professor of History, Emeritus 1/2/2005

Max V. Mathews (Music), Professor (Research) of Music, Emeritus 9/1/2005

Edward J. McCluskey (Electrical Engineering, Computer Science), Professor of Electrical Engineering and of Computer Science, Emeritus 1/2/2005

Ronald I. McKinnon (Economics), William D. Eberle Professorship in Economics, Emeritus 7/1/2005

Thomas C. Merigan (Medicine), George E. and Lucy Becker Professor of Medicine, Emeritus 9/1/2004

Randall E. Morris (Cardiothoracic Surgery), Professor (Research) of Cardiothoracic Surgery, Emeritus 8/2/2004

Ingram Olkin (Statistics, Education), Professor of Statistics and of Education, Emeritus 1/3/2005

Donald S. Ornstein (Mathematics), Professor of Mathematics, Emeritus 1/1/2005

Martin L. Perl (Stanford Linear Accelerator Center), Professor at the Stanford Linear Accelerator Center, Emeritus 9/1/2004

Alistair G.S. Philip (Pediatrics), Professor of Pediatrics at the El Camino Hospital, Emeritus 9/1/2004

Richard L. Popp (Medicine), Professor of Medicine, Emeritus 5/16/2005

Mary L. Pratt (Spanish and Portuguese), Olive H. Palmer Professor in the Humanities, Emerita 9/1/2004

Calvin F. Quate (Electrical Engineering), Leland T. Edwards Professor in the School of Engineering, Emeritus 1/1/2005 Jack S. Remington (Medicine), Professor of Medicine, Emeritus 1/1/2005

Burton Richter (Stanford Linear Accelerator Center), Paul Pigott Professor in the Physical Sciences, Emeritus 1/2/2005

Renato I. Rosaldo, Jr. (Cultural and Social Anthropology), Lucie Stern Professor in the Social Sciences, Emeritus 9/1/2004 Eric M. Shooter (Neurobiology), Professor of Neurobiology,

Emeritus 9/1/2004

Gerald D. Silverberg (Neurosurgery), Professor of Neurosurgery, Emeritus 9/1/2004

Peter D. L. Stansky (History), Frances and Charles Field Professor in History, Emeritus 1/1/2005

Robert L. Street ((Civil and Environmental Engineering), William Alden and Martha Campbell Professor in the School of Engineering, Emeritus 1/1/2005

Robert V. Wagoner (Physics), Professor of Physics, Emeritus 1/2/2005

Carl Weber (Drama), Professor of Drama, Emeritus 1/1/2005

Representative Awards Received by University Faculty

The following awards to University faculty were received during the past year:

Albert Bandura, David Starr Jordan Professor of Psychology, received the Award for Outstanding Lifetime Contributions to Psychology from the American Psychological Association and the James McKeen Cattell Fellow Award

David P. Baron, David S. and Ann M. Barlow Professor in Management in the Graduate School of Business, and by courtesy, of Political Science and of Economics, received the Robert T. Davis Award

Serafim Batzoglou, Assistant Professor of Computer Science, received the Alfred P. Sloan Foundation Research Fellowship

John Baugh, Professor of Education and, by courtesy, of Linguistics, received the Housing and Urban Development's Pioneer of Fair Housing Award

David Beaver, Assistant Professor of Linguistics, received the Charles A. Ryskamp Research Fellowship from the American Council of Learned Societies

Jonathan Bendor, Walter and Elise Haas Professor in the Graduate School of Business and Professor, by courtesy, of Political Science, elected Fellow of the American Academy of Arts and Sciences

Jonathan Berger, Associate Professor of Music, received the American Society of Composers, Authors and Publisher's Award

Karol Berger, Osgood Hooker Professor in Fine Arts, received the Donald Andrews Whittier Fellowship

Biondo Biandi, Associate Professor (Research) of Geophysics received the Reginald Fessenden Award from the Society of Exploration Geophysicists

Roger Blandford, Professor at the Stanford Linear Accelerator Center and of Physics and Pehong and Adele Chen Director, Kavli Institute of Particle Astrophysics and Cosmology, elected Fellow of the National Academy of Sciences

Mark Blumenkranz, Professor of Ophthalmology at the Stanford University Medical Center, received the Alcon Research Institute Award in Ophthalmology, the Gertrude Pyron Lecture from the American Society of Retinal Specialists

Lawrence Bobo, *Professor of Sociology*, elected Fellow of the National Academy of Sciences

Matthew Bogyo, Assistant Professor of Pathology, named a Searle Scholar

John I. Brauman, J.G. Jackson and C.J. Wood Professor of Chemistry, elected Fellow of the American Philosophical Society Joan Bresnan, Sadie Dernham Patek Professor in Humanities and Professor of Linguistics, elected Fellow of the American Academy of Arts and Sciences

Gordon Brown, Dorrell William Kirby Professor of Geology in the School of Earth Sciences and Professor at the Stanford Synchrotron Radiation Laboratory, named Distinguished Lecturer: the Distinguished Lecturer Series on Frontier Applications of Synchrotron Radiation, Cornell University

Axel Brunger, Professor of Molecular and Cellular Physiology, of Neurology and Neurological Sciences, and at the Stanford Synchrotron Radiation Laboratory, elected Fellow the National Academy of Sciences

Jeremy Bulow, Richard Stepp Professor in the Graduate School of Business, elected Fellow of the American Academy of Arts and Sciences

Patricia Burchat, *Professor of Physics*, elected a Guggenheim Fellow

Tom Byers, Professor (Teaching) of Management Science and Engineering, received the Entrepreneurship Educator of the Year Award from the United States Association for Small Business and Entrepreneurship

Eamonn Callan, Professor of Education and Senior Associate Dean for Academic Affairs, elected Fellow of the National Academy of Education

Albert M. Camarillo, *The Miriam and Peter Haas Centennial Professors in Public Service*, received the Miriam Aaron Roland Volunteer Service Prize from the Haas Center for Public Service Allan Campbell, *Barbara Kimball Browning Professor in the School of Humanities and Sciences*, received the Abbott-ASM Lifetime Achievement Award from the American Society for Microbiology

Martin Carnoy, *Professor of Education*, elected foreign member of the Swedish Royal Academy of Sciences

Terry Castle, Walter A. Haas Professor in the Humanities, received the Lambda Literary Foundation Editor's Choice Award

Howard Y. Chang, Assistant Professor of Dermatology, received the Dermatology Foundation Physician-Scientist Career Development Award

Fu-Kuo Chang, Professor of Aeronautics and Astronautics and, by courtesy, of Mechanical Engineering, received the Structural Health Monitoring Lifetime Achievement Award from the Boeing Company

James Chang, Associate Professor of Surgery (Plastic and Reconstructive) at PAVHAHCS and, by courtesy, of Orthopedic Surgery, received the Structural Health Monitoring Lifetime Achievement Award from the Boeing Company

Ajay Chawla, Assistant Professor of Medicine (Endocrinology, Gerontology and Metabolism), received the Charles E. Culpeper Medical Scholar Award from the Rockefeller Brothers Fund

Larry Chu, received the Career Development Award from the National Institute of General Medical Sciences of the National Institutes of Health

Stanley Cohen, Kwoh-Ting Li Professor in the School of Medicine, received the Albany Medical Center Prize in Medicine and Biomedical Research and the Shaw Prize in Life Science and Medicine

Sheila Cohen, Professor (Clinical) of Anesthesia and, by courtesy, of Obstetrics and Gynecology, received the Distinguished Service Award from the Society for Obstetric Anesthesia and Perinatology

Stanley N. Cohen, Kwoh-Ting Li Professor in the School of Medicine, received the Shaw Prize

Karen Cook, Ray Lyman Wilbur Professor of Sociology and Senior Associate Dean for the Social Sciences, received the Cooley-Mead Award for Career Contributions to Social Psychology from the American Sociological Association

Hongjie Dai, Associate Professor of Chemistry, received the Julius Springer Prize in Applied Physics

Gretchen Daily, Assoc Prof (Research) of Biological Sciences and Senior Fellow at the Stanford Institute for International Studies, elected Fellow of the National Academy of Sciences

William Dally, Willard R. and Inez Kerr Bell Professor in the School of Engineering, received the Seymour Cray Computer Science and Engineering Award

Linda Darling-Hammond, Charles E. Ducommun Professor in the School of Education, received the Horace Mann League Award for Outstanding Education Michele Dauber, Associate Professor of Law and, by courtesy, of Sociology, received the Paul L. Murphy Award from the American Society for Legal History

Mark Davis, Burt and Marion Avery Professor in Immunology, elected Fellow of the Institute of Medicine

Karl Deisseroth, Assistant Professor of Bioengineering and of Psychiatry and Behavioral Sciences, received the Charles E. Culpeper Scholarship in Medical Science

William C. Dement, Lowell W. and Josephine Q. Berry Professor in the Department of Psychiatry and Behavioral Sciences and Professor, by courtesy, of Psychology, received the Peter C. Farrell Prize in Sleep Medicine at Harvard

Rodolfo Dirzo, Bing Professor in Environment Science, elected Fellow of the National Academy of Sciences

Sarah Donaldson, Catharine and Howard Avery Professor in the School of Medicine, received the Elizabeth Blackwell Award from the American Medical Women's Association

Justin Du Bois, Assistant Professor of Chemistry, received the Alfred P. Sloan Foundation Research Fellowship and the Camille Dreyfus Teacher-Scholar Award

Robert W. Dutton, Robert and Barbara Kleist Professor in the School of Engineering, received the SIA University Researcher Award, Semiconductor Industries Association

Peter R. Egbert, *Professor of Ophthalmology*, received the Outstanding Humanitarian Service Award

Elliot Eisner, Lee L. Jacks Professor of Child Education, received the Grawemeyer Award for Education

Per K. Enge, Kleiner Perkins, Mayfield, Sequoia Capital Professor in the School of Engineering, elected Fellow of the National Academy of Engineering

W. Gary Ernst, Benjamin M. Page Professor In Earth Sciences, Emeritus, received the 2004 Penrose Medal from the Geological Society of America

J. Martin Evans, *William R. Kenan Jr. Professor*, received the Honored Scholar Award from the Milton Society of America

C. W. Francis Everitt, Professor (Research) at the W.W. Hansen Experimental Physics Laboratory, received the NASA Distinguished Public Service Medal

Stanley Falkow, Robert W. and Vivian K. Cahill Professor in Cancer Research, received the American Society for Microbiology Graduate Teaching Award and a Society Citation, from the Infectious Disease Society of America

Ronald Fedkiw, Assistant Professor of Computer Science, received the National Academy of Sciences Award for Initiatives in Research

Dean Felsher, Assistant Professor of Medicine (Oncology) and of Pathology, elected Fellow of the American Society of Clinical Investigation

John Felstiner, Professor of English and, by courtesy, of Spanish and Portuguese and of German Studies, elected Fellow of the American Academy of Arts and Sciences

Andrew Fire, *Professor of Pathology and of Genetics*, elected Fellow of the American Academy of Arts and Sciences, Fellow of the Institute of Medicine, received the Dr. H.P. Heineken Prize for Biochemistry and Biophysics from the Royal Netherlands Academy of Arts and Sciences and the Gairdner Award

Robert S. Fisher, Maslah Saul, M.D. Endowed Professor in the School of Medicine and, by courtesy, of Neurosurgery at the Stanford University Medical Center, received the Most Outstanding Contribution to Epilepsy Award from the Northerm CA Epilepsy Foundation

Lazar Fleishman, Professor of Slavic Languages and Literature, received the Boris Pasternak Prize

Jerome Friedman, *Professor of Statistics*, elected Fellow of the American Academy of Arts and Sciences

Gerald G. Fuller, *Professor of Chemical Engineering*, elected Fellow of the National Academy of Engineering

Sanjiv Gambhir, *Professor of Radiology*, received the Doris Duke Distinguished Clinical Scientist Award

Kenan Christopher Garcia, Associate Professor of Microbiology and Immunology and of Structural Biology, named a Howard Hughes Medical Institute Investigator

J. Christian Gerdes, Assistant Professor of Mechanical Engineering, received the Presidential Early Career Award for Scientists and Engineers and the Ralph R. Teetor Educational Award from the Society of Automotive Engineers

Ashish Goel, Assistant Professor of Management Science and Engineering and, by courtesy, of Computer Science, received the Alfred P. Sloan Foundation Research Fellowship

David Goldhaber-Gordon, Assistant Professor of Physics, received the David and Lucille Packard Fellowship in Science and Engineering

Miriam Goodman, Assistant Professor of Molecular and Cellular Physiology, received the Eppendorf and Science Magazine Prize for Neurobiology

Steven M. Gorelick, Professor of Geological and Environmental Sciences and of Geophysics, named Guggenheim Fellow and received the M. King Hubbert Award from the National Groundwater Association

Harry B. Greenberg, Joseph D. Grant Professor in the School of Medicine, elected Fellow of the American Association for the Advancement of Science

Avner Greif, The Bowman Family Endowed Professor in Humanities and Sciences and Senior Fellow at the Stanford Institute for Economic Policy Research, elected Fellow of the, Canadian Institute for Advanced Research and Fellow of the American Academy of Arts and Sciences

Kalanit Grill-Spector, Assistant Professor of Psychology, received the Alfred P. Sloan Foundation Research Fellowship

Christian Guilleminault, *Professor of Psychiatry and Behavioral Sciences*, received the Lifetime Achievement Award from the National Sleep Foundation

James Harris, Professor of Electrical Engineering and, by courtesy, of Material Sciences and Engineering and of Applied Physics, elected Fellow of the Optical Society of America

J. Michael Harrison, Adams Distinguished Professor in Management III, received the John von Neumann Theory Prize from the Institute for Operations Research and the Management Sciences

John L. Hennessy, *President*, received the Koret Prize and the NEC C&C Prize for Lifetime Achievement in Computer Science

Lambertus Hesselink, Professor of Electrical Engineering and, by courtesy, of Aeronautics and Astronautics and of Applied Physics, elected Fellow of the International Society of Optical Engineering

Ian Hodder, *Dunlevie Family Professor*, elected Guggenheim Fellow

John Huguenard, Associate Professor of Neurology and Neurological Sciences and, by courtesy, of Molecular and Cellular Physiology, received the Javits Neuroscience Investigator Award from the National Institute of Neurological Disorders and Stroke

Mark Z. Jacobson, Associate Professor of Civil and Environmental Engineering, received the Henry G. Houghton Award from the American Meteorological Society lain Johnstone, Professor of Statistics and of Health Research and Policy (Biostatistics) and Senior Associate for the Natural Sciences in the School of Humanities and Sciences, elected Fellow of the National Academy of Sciences

David Kelley, Donald W. Whittier Professor in Mechanical Engineering, received the Sir Misha Black Medal for Distinguished Services to Design Education

Stuart Kim, Professor of Developmental Biology and of Genetics, received the Ho-Am Prize

Seung K. Kim, Assistant Professor of Developmental Biology and, by courtesy, of Medicine, received the Juvenile Diabetes Research Foundation Living and Giving Award

David Kingsley, *Professor of Developmental Biology*, elected Fellow of the American Academy of Arts and Sciences

Daphne Koller, Associate Professor of Computer Science, elected Fellow of the American Association for Artificial Intelligence and received the MacArthur Foundation Fellowship

Robert L. Kovach, *Professor of Geophysics, Emeritus*, was recognized for Fifty Years of Continuous Service from the Society of Exploration Geophysics

Anthony Kovscek, Associate Professor of Petroleum Engineering, received the SPE Western North America Region Technical Achievement Award and the Outstanding Technical Editor Award from the SPE Editorial Review Committee

IIan M. Kroo, *Professor of Aeronautics and Astronautics*, elected Fellow of the National Academy of Engineering

John Krumboltz, Professor of Education and of Psychology, received the Living Legend in Counseling Award from the American Counseling Association

Krista Lawlor, Assistant Professor of Philosophy, received the Charles A. Ryskamp Research Fellowship from the American Council of Learned Societies

Edward P. Lazear, Jack Steele Parker Professor in the Graduate School of Business and Senior Fellow at the Hoover Institution and, by courtesy, at the Stanford Institute for Economic Policy Research, received the Prize in Labor Economics from the Institute for the Study of Labor in Bonn, Germany

James O. Leckie, C.L. Peck, Class of 1906 Professor in the School of Engineering and Professor, by courtesy, of Geological and Environmental Sciences, elected Fellow of the National Academy of Engineering

Mark R. Lepper, *Professor of Psychology*, elected Fellow of the American Academy of Arts and Sciences

Seth Lerer, Avalon Foundation Professor in Humanities, received the Harry Levin Prize from the American Comparative Literature Association

Jonathan D. Levin, Assistant Professor of Economics, received the Alfred P. Sloan Foundation Research Fellowship

Ronald Levy, Robert K. and Helen K. Summy Professor in the School of Medicine, received the Damashek Award from the American Society of Hematology

Liqun Luo, Associate Professor of Biological Sciences, named a Howard Hughes Medical Institute Investigator

Robert Malenka, Nancy Friend Pritzker Professor in Psychiatry and Behavioral Sciences, elected Fellow of the Institute of Medicine and the American Academy of Arts and Sciences

Hari Manoharan, Assistant Professor of Physics and, by courtesy, of Materials Science and Engineering and of Electrical Engineering, received the Presidential Early Career Award for Scientists and Engineers

Olivia M. Martinez, Associate Professor (Research) of Surgery (Transplantation), received the Fujisawa Basic Science Award from the American Society of Transplantation Jenny Martinez, Assistant Professor of Law, received the Ray of Hope Award from the Hispanas Organized for Political Equality and the Staige D. Blackford Prize for Nonfiction from the Virginia Quarterly Review

Jody L. Maxmin, Associate Professor of Art and Art History and of Classics, received the Phi Beta Kappa Award for Undergraduate Teaching

Hugh McDevitt, Professor of Microbiology and Immunology and of Medicine, received the Clinical Immunology Prize and the Outstanding Achievements in Immunology Award from Novartis

Nick McKeown, Associate Professor of Electrical Engineering and of Computer Science, elected Fellow of the Royal Academy of Engineering and received the Lovelace Medal from the British Computer Society

Marcia McNutt, *Professor of Geophysics*, elected Fellow of the National Academy of Sciences

Fernando S. Mendoza, Professor of Pediatrics at the Lucile Packard Children's Hospital, received the Juan Villagomez, M.D. Humanitarian Award from the California Latino Medical Association

Fiorenza Micheh, Assistant Professor of Biological Sciences (Hopkins Marine Station), elected Aldo Leopold Leadership Fellow

William Mobley, John E. Cahill Family Professor in the School of Medicine and Professor, by courtesy, of Neurosurgery, elected Fellow of the Institute of Medicine

Terry Moe, William Bennett Munro Professor in Political Science and Senior Fellow at the Hoover Institution, received the Fordham Prize for Excellence in Education

William E. Moerner, Harry S. Mosher Professor, elected Fellow of the American Association for the Advancement of Science

Tirin Moore, Assistant Professor of Neurobiology, received the Alfred P. Sloan Foundation Research Fellowship and elected Pew Biomedical Scholar

Robert Negrin, Professor of Medicine (Bone Marrow Transplantation), received the Doris Duke Distinguished Clinical Scientist Award

Stephen Orgel, *Jackson Eli Reynolds Professor of Humanities*, received the Academy Award in Literature from the American Academy of Arts and Letters

Patricia Parker, Margery Bailey Professor in English and Dramatic Literature, received the Senior Mellon Fellowship from the Folger Shakespeare Library

Elisabeth Paté-Cornell, The Burton J. and DeeDee McMurtry Professor in the School of Engineering and Senior Fellow, by courtesy, at the Stanford Institute for International Studies, elected Fellow of the French Academy of Engineering

Andrew Patterson, Assistant Professor of Anesthesia at the Stanford University Medical Center, received the Career Development Award from the National Heart, Lung and Blood Institute of the National Institutes of Health

Adina Paytan, Assistant Professor of Geological and Environmental Sciences, received the Ocean Sciences Early Career Award from the American Geophysical Union and the National Science Foundation Career Award

Roy Pea, *Professor of Education*, elected Fellow of the California Council of Science and Technology

Inder Perkash, Paralyzed Veterans of America Professor of Spinal Cord Injury Medicine, received the Ronald Reagan Republican Gold Medal

Erica Plambeck, Associate Professor of Operations, Information, and Technology in the Graduate School of Business, received the Presidential Early Career Award for Scientists and Engineers

Stephen Quake, *Professor of Bioengineering*, elected a Howard Hughes Medical Institute Investigator

Marlene Rabinovitch, Dwight and Vera Dunlevie Professor in Pediatric Cardiology and, by courtesy, of Developmental Biology, received the American Heart Association Basic Science Research Award

Thomas A. Rando, Associate Professor of Neurology and Neurological Sciences, named the Ellison Medical Foundation Senior Scholar in Aging

John Roberts, John H. and Irene S. Scully Professor in International Business Studies in the Graduate School of Business, and Professor, by courtesy, of Economics, elected Fellow of the American Academy of Arts and Sciences

Myer Rosenthal, Professor (Clinical) of Anesthesia, Medicine, and Surgery, received the University of Vermont Distinguished Academic Alumni Achievement Award

Lee D. Ross, Stanford Federal Credit Union Professor, received the William James Fellow Award

Joan Roughgarden, Professor of Biological Sciences and of Geophysics, received the Stonewall Book Award

Lawrence Saidman, Professor of Anesthesia at the Stanford University Medical Center, received the Ralph Waters Award for 2005

Oscar Salvatierra, Professor of Surgery (Transplantation) and of Pediatrics (Nephrology) at the Stanford University Medical Center, named Transplant Pioneer by the National Kidney Foundation

Juan Santiago, Associate Professor of Mechanical Engineering, received the Presidential Early Career Award for Scientists and Engineers

Robert Sapolsky, John A. and Cynthia Fry Gunn Professor and Professor of Neurology and Neurological Sciences and Professor, by courtesy, of Neurosurgery, received the Distinguished Investigator Award from the National Alliance for Research on Schizophrenia and Depression

Krishna Saraswat, Rickey/Nielsen Professor in the School of Engineering and Professor, by courtesy, of Materials Science and Engineering, received the Andrew S. Grove Award from the Institute of Electrical and Electronics Engineers

Alan Schatzberg, Kenneth T Norris, Jr. Professor of Psychiatry and Behavioral Sciences, received the Distinguished Service in Psychiatry Award from the American College of Psychiatrists

Mark Schnitzer, Assistant Professor of Biological Sciences and of Applied Physics, received the Beckman Young Investigator Award from the Arnold and Mabel Beckman Foundation and the Klingenstein Fellowship Award in the Neurosciences

Matthew Scott, Professor of Developmental Biology, of Genetics, and of Bioengineering, received the Edwin G. Conklin Medal in Developmental Biology

Lucille Shapiro, Virginia and D. K. Ludwig Professor and Senior Fellow, by courtesy, at the Stanford Institute for International Studies, received the Selman A. Waksman Award in Microbiology from the National Academy of Sciences

Richard J. Shavelson, *The Margaret Jacks Professor of Education and Professor, by courtesy, of Psychology*, received the Lifetime Achievement Award from the California Educational Research Association Executive Board

Kang Shen, Assistant Professor of Biological Sciences, received the Alfred P. Sloan Foundation Research Fellowship

Leon Simon, Robert Grimmett Professor of Mathematics, received the Humbolt Research Award

Stephen J. Smith, *Professor of Molecular and Cellular Physiology*, received the McKnight Technological Innovations in Neuroscience Award

Edward I. Solomon, Monroe E. Spaght Professor in the School of Humanities and Sciences, elected Fellow of the National Academy of Sciences

Jayashri Srikantiah, Associate Professor (Teaching) of Law, received the New California Media Exceptional Communicator Award

Peter Stansky, Frances and Charles Field Professor in History, Emeritus, named Couper Scholar by the Phi Beta Kappa Society David K. Stevenson, Harold K. Faber Professor of Pediatrics and Professor, by courtesy, of Obstetrics and Gynecology, and Senior Associate Dean for Academic Affairs, received the Neonatal Education Award in Perinatal Pediatrics

Marc Tessier-Lavigne, Professor of Biological Sciences and, by courtesy, of Neurology and Neurological Sciences, elected Fellow of the National Academy of Sciences

Julie Theriot, Associate Professor of Biochemistry and of Microbiology and Immunology, received the MacArthur Foundation Fellowship

Barry Trost, Job and Gertrud Tamaki Professor in the School of Humanities and Sciences, received the John Scott Award from the City Trusts of the City of Philadelphia

Ravi Vakil, Assistant Professor of Mathematics, received the Presidential Early Career Award for Scientists and Engineers

Anthony Wagner, Assistant Professor of Psychology, received the Alfred P. Sloan Foundation Research Fellowship

Robert Weisberg, Edwin E. Huddleson, Jr. Professor in the Law School and Special Assistant to the Provost for Faculty Recruitment and Retention, received the John Bingham Hurlbut Award for Excellence in Teaching

Irving L. Weissman, Karel and Avice Beekhuis Professor of Cancer Biology, Professor of Pathology and Developmental Biology and, by courtesy, of Neurosurgery, received the New York Academy of Medicine Medal for Distinguished Contributions to Biomedical Research

Alice Whittemore, *Professor of Health Research and Policy*, received the Janet L. Norwood Award for Outstanding Achievement by a Woman in the Statistical Sciences

Jennifer Widom, Professor of Computer Science and of Electrical Engineering, elected Fellow of the National Academy of Engineering

Christine Wijman, Assistant Professor of Neurology and Neurological Sciences and, by courtesy, of Neurosurgery at the Stanford University Medical Center, received the National Scientist Development Award from the American Heart Association

Marilyn A. Winkleby, Associate Professor (Research) of Medicine (Stanford Center for Research in Disease Prevention), and by courtesy, of Health Research and Policy, received the Miriam Aaron Roland Volunteer Service Prize from the Haas Center for Public Service

Bruce Wooley, The Robert L. and Audrey S. Hancock Professor in the School of Engineering, received the Solid-State Circuits Award from the Institute for Electrical and Electronics Engineers Sherry Wren, Associate Professor of Surgery (General Surgery) at the Palo Alto Veteran's Affairs Health Care System, received the Outstanding Teaching Award from the Association for Surgical Education

Richard N. Zare, Marguerite Blake Wilbur Professor in Natural Science, elected Fellow of the Chinese Academy of Sciences, Fellow of the European Academy of Sciences in Brussels, and Fellow of the Royal Swedish Academy of Engineering Sciences, and received the James Flack Norris Award from the American Chemical Society, the William H. Nichols Medal and the Wolf Prize in Chemistry

Mark Zoback, *Professor of Geophysics*, received the Popular Science Best of What's New Award and the School of Earth Sciences Excellence in Teaching Award

Committee on Commencement Ceremonies

Elaine Enos, Director of Public Events, Stanford Events Rosa Gonzalez, Director, Diversity and Access Office Penny Martell, Stanford Events Office Manager Carl Reed, Assistant Director, Athletics Department

Kelli Schreckengost, Manager, Events and Labor Services
Jeff Wachtel, Senior Assistant to the President, President's Office
Lois Wagner, Assistant Vice President for Public Affairs and Executive Director, Stanford Events
Laura Wilson, Chief of Police, Stanford Public Safety

Marshals

Baccalaureate

Chief Baccalaureate Marshal

Jane Camarillo, Director, Residential Education

Bachelor Degree Candidate Marshals

Nanci Howe, Associate Dean of Students and Director of Student Activities

Sharon Palmer, Director, Freshman and Sophomore Programs

Advanced Degree Candidate Marshals

Margaret Kimball, University Archivist Stan Wanat, Service-Learning Coordinator and Lecturer, Human Biology

Commencement

Chief Undergraduate Marshal

Greg Boardman, Interim Dean of Student Affairs

Undergraduate Marshals

Jane Camarillo, Director of Residential Education

Ralph Castro, Health Education Manager, Vaden Student Health Service

- Penelope Eckert, Professor, Linguistics and Director, Program in Feminist Studies
- Shirley Everett, Associate Vice Provost, Residential and Dining Enterprises

Morris Graves, Associate Dean of Students

- Christine Griffith, Associate Dean, Graduate Student Life
- Andrew Hernandez, Assistant Dean, Graduate Student Life

Nanci Howe, Associate Dean of Students and Director of Student Activities

Frances Morales, Assistant Dean of Students and Director of El Centro Chicano

Winona Simms, Assistant Dean of Students and Director, American Indian, Alaska Native and Native Hawaiian Program

Jeanette Smith-Laws, Director of Tresidder Meeting Services

Stan Wanat, Service-Learning Coordinator and Lecturer, Human Biology

Richard Yuen, Assistant Dean of Students and Director, Asian American Activities Center

Chief Advanced Degree Marshal

Gail Mahood, Professor, Geological and Environmental Sciences

Advanced Degree Marshals

Graduate School of Business

Mary Barth, Atholl McBean Professor in the GSB and Senior Associate Dean for Academic Affairs in the GSB Derrick Bolton, Assistant Dean and Director, MBA Admissions

School of Earth	Sciences
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Kevin Arrigo, Professor, Geophysics

C. Page Chamberlin, Professor and Chair, Geological and Environmental Sciences

School of Education

Jo Boaler, Associate Professor of Education

William Damon, Professor of Education and Senior Fellow, by courtesy, at the Hoover Institution

School of Engineering

Channing Robertson, Professor of Chemical Engineering and Senior Associate Dean for Faculty Affairs, School of Engineering

Boris Murmann, Assistant Professor, Electrical Engineering

School of Humanities and Sciences

Giorgio Gratta, Professor of Physics

C. Matthew Snipp, Professor of Sociology

Carolyn Springer, Associate Professor of French and Italian

School of Law Catherine Claze, Associate Dean for Student Affairs

School of Medicine

James Ford, Assistant Professor of Medicine (Oncology) and of Genetics and by courtesy, of Pediatrics Phillip Harter, Assistant Professor of Surgery–Emergency Medicine

Jongsoo Park, Assistant Professor of Neurosurgery Stanley Rockson, Associate Professor, Cardiovascular Medicine

Chief Faculty Marshal

Robert Polhemus, Chair of the Academic Senate, Professor of English and Chair of the English Department

Faculty Marshals

John Bravman, Vice Provost for Undergraduate Education Margaret Kimball, University Archivist Stephen Sano, Associate Professor of Music, Director of Choral Studies

Edward Harris, Jr., Academic Secretary to the University

Head Ushers

Kate Chesley, Special Seating Ryan Foley, Special Seating

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Rosa Gonzalez, Disability and Mobility Services

Robin McClish, Water and Program Distribution

Donna Robertson, Special Seating

Bill Starr, Special Seating

In addition to the Bachelor of Arts and Bachelor of Science degrees, Stanford offers a Bachelor of Arts and Science degree.

A student who completes a major in two departments or programs, one leading to a Bachelor of Arts and the other leading to a Bachelor of Science degree, may elect to be awarded a single degree, the degree of Bachelor of Arts and Science (B.A.S.), recognizing this achievement.

Within a single baccalaureate degree, a student may elect to complete more than one major; for example, a Bachelor of Arts in English and Philosophy. This option is called a multiple major.

Graduation Honors

Distinction: The Award of University Distinction recognizes excellence of academic achievement. It is awarded to those students whose overall GPA places them among the top 15 percent within the University and who are also endorsed by their major departments or programs.

Departmental Honors Program: As recognition of successful completion of special advanced work, the departments recommend students for honors in various subjects. The departmental honors programs are designed for more independent creative work at an advanced level in addition to the requirements for the major. Interdisciplinary Honors Program: In recognition of successful completion of honors program requirements, the following interdisciplinary programs can recommend students in any major for honors in their program:

Education

Environmental Science, Technology, and Policy

Ethics in Society

Feminist Studies

Humanities

International Security Studies

Jewish Studies

Latin American Studies

Science, Technology, and Society

The interdisciplinary honors programs are designed to complement study in a departmental major.

Note: The listings of degree candidates for June 12, 2005 are accurate as of May 18, 2005. Confirmation of degrees awarded officially on June 12, 2005, can be requested from the Office of the University Registrar. Every effort has been made to ensure the accuracy of these listings. However, listing here does not guarantee that a degree has been or will be awarded. Please contact the Office of the University Registrar in the event of any questions or discrepancies.

Key to Degree Listings

Key to Undergraduate Degree Listings

John Bradley Doe, Palo Alto, California (student name and hometown)

Biological Sciences and History (major or multiple major)

Minor: English (minor)

Field: Product Design (field)

Departmental Honors Program, and/or Interdisciplinary Honors Program, and/or with distinction *(honors notation)*

Key to Graduate Degree Listings

Sally Jane Smith, Portland, Oregon (student name and hometown))

Engineering Management (major or multiple major)

Minor: Chemistry

(Ph.D. minor field of study) Dissertation Title: Linear Beam Microwave (dissertation or thesis title)

Graduate School of Business Robert L. Joss. Dean

Master of Arts

Degrees Conferred September 30, 2004 Dana Alice Gavrieli. Business Research Pablo Zoido. Business Research

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Master of Arts Degrees Conferred January 6, 2005 Rebecca Lynn Brunson, Poway, California. Business Research

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Master of Arts Degree Candidates, June 12, 2005

Yuval Efrati. Business Research Jia Li, Hangzhou, People's Republic of China. Business Research

Master of Science Degrees Conferred September 30, 2004

Yan Breek, Sunnyvale, California. Management

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Master of Science Degree Candidates, June 12, 2005 Qais Mohammed Moosa Al Yousef, Oman. Management

Joseph E. Augenbraun. Management Robert Allen Brimmer Junior, Sunnyvale, California. Management John Kevin Cammack, Stuart, Florida. Management Kevin Kuan-Shuo Chen, Phoenixville, Pennsylvania. Management Victor Christou Ph.D. Management Young Bae Chung. Management Michael Bradshaw Cohen. Management Margaret Louise Driscoll, Longmont, Colorado. Management Boris Erenburg, Rio de Janeiro, Brazil. Management Christopher Michael Flink. Management David Edwin Gill. Management Juan Bautista Gomez Fernandez Senior, Jerez, Spain. Management Takashi Hasegawa. Management Thomas Hayward Hawkins. Management Steven Hernandez, Ashburn, Virginia. Management Hideyuki Hori. Management Tatsuhiko Hoshina. Management Ronald Hansen Ih, Los Altos, California. Management Yoshinobu Ise, Japan. Management Jesse Boimah Kingg. Management Xiangqing Kong, Shanghai, People's Republic of China. Management Jonathan Keith Lamb. Management Jorge Bernardo Larrain Matte. Management Mark Chapin Lindlof, New York, New York. Management Song Liu. Management Bernard Looney, Kenmare, Ireland. Management Jillian Macfarlane, Vancouver, Canada. Management Hak Nam Maeng. Management

Anthony Charles Mamone, San Francisco, California. Management Aldo Domenico Monteforte, Italy. Management How Yue Ng. Management Jayesh Parekh. Management Darrell Scott Park, Washington, District of Columbia. Management John J. Perkins, San Diego, California. Management Vincenzo Picone. Management Patricia Kessler Poppe, Grass Lake, Michigan. Management Rana Vani Rekhi, Princeton, New Jersey. Management Rohin Saluja, Delhi, India. Business Research Mauricio Alberto Samper Camacho, Bogotá, Colombia. Management Sachin Saxena, Stanford, California. Management Roy John Schorsch, Kingwood, Texas. Management Volker Bernd Schultz. Management Rodrigo Belloc Soares Senior, Porto Alegre, Brazil. Management Andrew George Sparks. Management Kurt Robert Stammberger, San Francisco, California. Management Timothy Paul Sturr, Richmond, Virginia. Management Monish Kumar Suvarna. Management Masatoshi Suzuki, Japan. Management Kang Uei Anthony Tan, Singapore. Management Danielle Sharon Tudehope, Sydney, Australia. Management Ichiro Uehara. Management Jonathan Grey Franklin Walker, Stanford, California. Management Tin Yu Agnes Wong. Management Keita Yamaki. Management

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Master of Business Administration

Degrees Conferred September 30, 2004

Niambi Aisha Clay, Oakland, California Todd Preston Shaiman

Jing Xu, Shanghai, People's Republic of China

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Master of Business Administration Degrees Conferred January 6, 2005

Lisa Hersch, Sydney, Australia Gloria Jean Mitchell Stephanie Lisa Soler

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Master of Business Administration Degrees Conferred March 31, 2005 Mihai Catalin Rauta, Rockville, Marvland

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Master of Business Administration Degree Candidates, June 12, 2005 Bennett Sato Abe Jamaal Keith Adams Alex-Handrah Ruth-Emilienne Aime Aiswarya Lakshmi Aiyer, Brooklyn, New York Chukwuemeka Uzoma Ajoku, Nigeria Fahad Abdulmohsan S Al Rasheed, Saudi Arabia Bayan Ali, Barrington, Illinois Lawrence William Aller Robyn Michelle Altman, Niskayuna, New York Melissa Isabel Alvarado, Tegucigalpa, Honduras Jose Roberto Reyes Antonio Shunichi Aramaki, Yokohama, Japan Francisco Xavier Arguello, San Pedro Sula, Honduras Shehriar Ashraf, Karachi, Pakistan Novisi Atadika, Millwood, New York Ada Au Edward David Bailey, Chicago, Illinois David Christopher Balducci Anshuman Bapna, India Jaclyn Micole Baumgarten, Los Angeles, California Krzysztof Franciszek Belcarz, Lublin, Poland David Stockdale Belden Paul Robert Benjamin Kwasi Asiedu Benneh Rebecca Jean Bermont, Boston, Massachusetts Elizabeth Anne Berselli **Privavrat Bhartia** Elizabeth Claire Bibb, Woodbridge, Virginia Derek Raymond Bingham, Palo Alto, California Scott Preston Birdwell, Los Angeles, California Christopher John Blanco, Miami, Florida Emily Jean Boon, Austin, Texas Seth Joseph Boro, Ottawa, Canada **Gregory Bruno Boutin** Julia Anne Boyd Michael Stanley Brown Jason William Buelow, Livonia, Michigan Kimberly Ann Cahill, Jacksonville, Florida Matthew Marcus Cain, Granite Bay, California Efe Egemen Cakarel Ryan Matthew Caldbeck, Burlington, Vermont Linda Jean Campbell, Vancouver, Canada Courtney Ellen Cannon, Medfield, Massachusetts Peter Winston Carpi, Penn Valley, Pennsylvania Natalia Carvajal Vanegas, Cali, Colombia Rebecca Emily Center, Lotus, California Jia Wen Kevin Chan, Singapore Alexandra Elizabeth Charters, New York, New York Angela Chi-Chi Chen, Baton Rouge, Louisiana Mindy Chen Yuhua Chen, Yingkou City, People's Republic of China Christopher K. Chen, Naperville, Illinois Hilary Anne Chen, Toronto, Canada Lewis Ka Hang Cheng, Hong Kong Chinezi Mark Chijioke, Nigeria **Debbie May Choy** Justin Howard Clark, Portland, Oregon Ana Karina Claudio, San Juan, Puerto Rico Stephen John Colamarino Santiago Comella Dorda, Zaragoza, Spain Laura Stacey Commike, Bergenfield, New Jersey Stephen Michael Cook, San Antonio, Texas Mauricio Cortes Alvarez Constanza Alexia Coulomb, Buenos Aires, Argentina Elijah Timothy Covert, Blue River, Wisconsin

Michael Timothy Cox, Collierville, Tennessee Elina Crowder, Chicago, Illinois Matthew Boyd Crystal, St. Louis, Missouri Jarret Peter Cuisinier, San Francisco, California Gemma D'Auria, Naples, Italy **Brent Fisher Daily** Kathryn Carnet Daly, Darien, Connecticut Paul Garret Danos Lisa Anne Dawe, Denver, Colorado Charles Hamilton Dean, Jackson, Wyoming Virginia Francisca DeJesus-Rueff, Philadelphia, Pennsylvania Pedro Eduardo De Penedo Aniceto Dias Cardoso Charles Louis Dimmler IV Gregoire Hubert David Dizac, Val d'Isère, France Jonathan Deane Douglas-Scott-Montagu, Beaulieu, United Kingdom Bryan Max Droznes Peng Du John Nicholas Dukellis, Pleasanton, California Raymond Matthew Dunbar, Rock Hill, South Carolina **Colin Whitney Dwyer** Leroy Eakin IV, Washington, District of Columbia Elin Christina Warren Eifler Matthew M. Eirich, Cheltenham, Pennsylvania Kemal El Moujahid, France Barbara Lorraine Elder W Kristofer Erickson Yan-David Alexander Erlich Ana Maria Espino, Coral Gables, Florida Justin Curtis Robert Evans, Carlsbad, California Thomas David Fagan Jr., LaPorte, Indiana Ahmet Faralyali, Izmir, Turkey Ana Lucia Faria Vilas Boas Jardim, Porto, Portugal Michael Oliver Fegelein Patricia Reves Fessler, San Francisco, California Michelle Lynn Fishberg, Bensalem, Pennsylvania Peter David Clucas Flint, United Kingdom Nicolas Flores, Minneapolis, Minnesota Michael George Folgner, Reno, Nevada Seth Michael Frank, Malibu, California James Anthony Franzone Ryan E. Frederick, Atherton, California Emily Anne Gaines, Seattle, Washington Maria Fernanda Lanza Gandara, São Paulo, Brazil Juan Pablo Garcia Bayce, Montevideo, Uruguay Jonathan Mark Garfinkel Lisa Katherine Garland, Manhattan Beach, California Frederic Philippe Gaume, Romans sur Isere, France Bryan Pallop Gaw, Vancouver, Canada Michael Elliot Gober, Long Beach, New York Michael William Goelzer, Washington, District of Columbia Francisco Javier Gonzalez, Carolina, Puerto Rico Ivan Gonzalez Gallo Gonzalez, Guadalajara, Mexico Kathryn Graves, Greensboro, North Carolina Whitney Whelan Greene, Silver Spring, Maryland Bryan Wayne Gregory, Somerset, New Jersey Elise Helene Gresch, Wausau, Wisconsin **Roni Joseph Gross** Alix Guerrier, New Haven, Connecticut Quji Guo

Aman Gupta Carolyne Lisa Guss, Cherry Hill, New Jersey James Michael Gutierrez, Chino Hills, California Yaron Jacov Gutman, Jerusalem, Israel David Fraser Hale, Shrewsbury, Massachusetts Bassim Sabri Hamadeh, San Diego, California Robert Scott Hansen, Salt Lake City, Utah Jamal Rajeeb Haque, Herndon, Virginia Thomas MacMartin Harman II, Cleveland, Ohio Jacob Christopher Harold, Winston-Salem, North Carolina **Brian Andres Helmick** Ted Carlton Helwick, Piedmont, California Marta Higuera Manzanal, Santander, Spain Michael Aaron Hill, Schenectady, New York Samuel Blake Hinkie, Marlow, Oklahoma William Howard Hohman III, West Jefferson, North Carolina Lisa Holthaus, St. Louis, Missouri Adam McCord Hopkins Oi Huai Yao-Ming Huang, Taipei, Taiwan Charles Edward Hudson III, Bloomfield, Michigan Mokyou Hyun, Stanford, California Siham Imani, Morocco Sami Markus Inkinen, Helsinki, Finland Carly Jean Irestone, Minneapolis, Minnesota Deborah Mara Jacobs, Newton, Massachusetts Rvan Alan Jacoby **Robert Gilchrist Jaros** Brian C. Johnson Fawzi F.H. Jumean, Amman, Jordan Elaine Wong Jun Kathryn Brooke Kaiser, Piedmont, California Nadezda Kasatikova, Moscow, Russian Federation David Michael Kashen, Albertson, New York Michael Charles Keck, New Orleans, Louisiana Daniela Megan Kerrigan Danny Khatib Una Amy Kim, Baltimore, Maryland Andrew J. Kin Alec Hollis King, Houston, Texas Marcelo Ferreira Kingston, Rio de Janeiro, Brazil Ryan Carter Kiskis, San Rafael, California Milan Kovacevic, Belgrade, Serbia and Montenegro Jerry Stephen Kowal, Flint, Michigan Gregorios Kranias, Cincinnati, Ohio Benjamin Andrew Krick, Doylestown, Pennsylvania Alberto Kritzler Ring, Mexico, Mexico Alexis Classen Krivkovich, Winnetka, Illinois Georgiann Rae Kronschnabel, St. Paul, Minnesota Kelash Kumar Kevin Matthew Kumler, Columbus, Ohio Andrey Kupryashin, Moscow, Russian Federation Mizmun Kusairi, Malaysia Andrew Lawrence Lacy, Melbourne, Australia Mohana Krishna Lakhamraju, Hyderabad, India Marvin Asa Larbi-Yeboa Erin Maureen Layburn, Washington, District of Columbia Charles Lewis LeHuray-Jones, London, United Kingdom Weihan Lee Albert Yoonjai Lee, Longmeadow, Massachusetts

Peter Ho Lik Lee, San Francisco, California Kijoon Lee Ming Lei Steven Harris Levin Ilya Levtov, Bognor Regis, West Sussex, United Kingdom Frances Lenore Lieginger, Sacramento, California Hua Ern John Lim, Singapore Bonnie Hao-bin Liu Tennyson Jianshu Liu, State College, Pennsylvania Xiaojin Liu Jonathan Charles Locker, New York, New York Tracy Meredith Long, Short Hills, New Jersey Yu Long Bernabe Jose Lopez Sibaja, San José, Costa Rica Maria Pia Lozano Cusi Stephanie B. Luo, Santa Monica, California Nicole Patricia Malcolm, Bronx, New York Gregory Adam Nathaniel Marcy, Jamestown, North Dakota Ashley Brooke Marks, Englewood, Colorado Luis Alfredo Marti Timothy Michael Marx, Churchville, Pennsylvania Joseph Daniel Matt, Tempe, Arizona Colleen Anne McCarthy, Arden Hills, Minnesota John Toure McCluskey, Bloomington, Indiana John Taylor McCoy, Columbus, Ohio Jason Robert McCune, Birmingham, Michigan **David Francis McDevitt** Deborah Lynn McDonald, Menlo Park, California Campbell Knowles McKellar, Atlanta, Georgia Emily Wood Melton, Portola Valley, California Eric Javier Mendez Robert James Mendola Jr., Buffalo, New York Elinor Barbara Mertz, Hillsborough, California Erik Ivan Mikysa Julian Bruce Mills, London, United Kingdom Luis Fernando Miranda Rivera, Lima, Peru Neal Mohan, Palo Alto, California Gregory Todd Molinelli, Northport, New York Shara Marcela Morales Salazar, Monterrey, Mexico William Harold Morris III, Windermere, Florida Jamie Richard Murdock, Redmond, Washington Andres Nannetti, Bogotá, Colombia Kenneth Cruz Natori, New York, New York Joanna Keri Newman Chi T. Nguyen, Sunnyvale, California Alexander Constantine Nicolaou Calvin Steve Noble, Gore Bay, Canada Marshall Stephen Norseng, Chippewa Falls, Wisconsin Gregory Michael O'Brien, Chicago, Illinois Kerry Andrea O'Connor, Old Greenwich, Connecticut Andres Obregon Servitie, Mexico Hiromasa Okayasu, Tokyo, Japan Fernando Yoshio Okumura, São Paulo, Brazil Juan Olaizola Casin, San Sebastian, Spain Kristin Marguerite Ostby Juan Carlos Ostos Fulda, Mexico City, Mexico Eyitayo David Oviosu, Lagos, Nigeria Heather Jeanne Pachall, Canby, Oregon Robert Bardia Pahlavan, Boston, Massachusetts Parveena Pakkiasamy

Tom Peter Palecek, Atherton, California Rebecca Pang Hsiao Sung, Hong Kong, Hong Kong Cosma Panzacchi, Roma, Italy **Richard Santo Parisi David Whitney Parsons** Simon Iain Patterson, London, United Kingdom Carlos Alfredo Paz Perez, Irapuato, Mexico Laura Robyn Peile, Melbourne, Australia Gimena Pena Malcampo, Mexico City, Mexico Sergio Roberto Clementino de Castro Pessoa, Rio de Janeiro, Brazil Michal Petrzela, Olomouc, Czech Republic Natalie Bronja Philipp Eve Marie Phillips, Moraga, California Henry Jay Picconatto, Stevens Point, Wisconsin **Benjamin Roy Pickering** Isabelle Caroline Pinson, France Fernando De Oliveira Pinto, São Paulo, Brazil Mauricio Plaschinski Farca, Mexico City, Mexico Margaret Booth Powell, Statesville, North Carolina James Nathaniel Powell, Lebanon, Indiana Katherine Berkman Rahm, New York, New York Alyssa Jill Rapp, Winnetka, Illinois Shelley Marie Ratay, Harvard, Massachusetts Vidya Ravella Andrew Youk Rhee, Manhasset, New York Joshua Adam Richman Justin Riedell, Hopewell Junction, New York Julian Spencer Robertson David Allen Rockwell Jr., Goldsboro, North Carolina Jorge Javier Rodriguez, New York, New York Toyan Eric Rodriguez Ann Marie Caroline Rodriguez, Annapolis, Maryland Austin Gregory Root, Upper Arlington, Ohio Alison Hope Rosenthal, West Hartford, Connecticut Daniel Lee Spiegelberg Ross, San Diego, California Andrew Tunothy Rourke Juan-Carlos Federico Ruck, Kingwood, Texas Jared Benjamin Ruger, Fort Lauderdale, Florida Alex Bryant Ruiz Carla Anne Rummo, Chappaqua, New York Chad Adam Sachs, Houston, Texas Sriram Sankaran Maiko Sasakawa Nicolas Bernard Georges Savary, France Fernando Schwartz Zambrano, Monterrey, Mexico Nicole Julia Sermier, New York City, New York Simran Sodhi Sethi Bruce Alvin Shelton, Brooklyn, New York Alexander Shevelenko Darren Colton Shimkus, Brookeville, Maryland George Joseph Siedel, Ann Arbor, Michigan Karim Kristen Simplis Sr. Peter Eagle Sims, Auburn, California Andrea Loran Slate, Newton, Massachusetts Chad O'Connor Smith, Palo Alto, California Jina Yu Jeane Sohn, Flushing, New York Ronald Vincent Sonntag, Paradise, California Michael Taylor Sousa, Missoula, Montana Rachel F. Spector, Chicago, Illinois

Kenneth Jeremy Spencer, Bryan, Texas Miroslava Roumenova Stamboliyska, Sofia, Bulgaria Roger Edward Stanley, Severn, Maryland Jeffrey Richard Stein, San Jose, California Angela Strange, Ottawa, Canada Shoshanna Michelle Stussy Kamael Ann Sugrim Dongwook Suh Shannon Mary Sullivan, San Francisco, California Galen Weston Swank, Houston, Texas Todd Quentin Swanson, Johnston, Iowa Donald Patrick Sweeney, Birmingham, Alabama Melat Tadesse Maria Consetta Taft, Washington, District of Columbia Yuko Takano, Tokyo, Japan Ronald Lukwago Tamale, San Diego, California Nancy Tao, Andover, Massachusetts Benjamin James Verhoek Tarbell, Hockessin, Delaware Evan Joseph Tato, Cincinnati, Ohio Nichole L. Taylor, Carrollton, Texas Sarah Ann Testa, Saint Paul, Minnesota Wenda Ann Thompson, Minneapolis, Minnesota Christopher Joseph Tilghman, Palo Alto, California Juan Carlos Torres, San Francisco, California Caroline Ling Tuan, Schaumburg, Illinois Sarah Kirsten Tueting, Winnetka, Illinois Samuel Ulloa, Arbuckle, California Filippo Vadda, Italy Ymanol Valdes Machado, Caracas, Venezuela Yves G R M Vanden Hende Ashi Virendra Varia, Marshfield, Wisconsin Fleur Veldhoven, The Hague, Netherlands **Richard Allan Vincent** Beth Ann Viner Bhavika Dilip Vyas Laura Elizabeth Wales, Santa Rosa, California **Charles Ganahl Walker IV** Ross H. Walker Andrew Eliot Walling Steven Jeremy Walsh, Toronto, Canada Edward Brewster Waltemath, Nashville, Tennessee Nathan Whitecloud Walton Catherine Tsui-Ling Wang, Potomac, Maryland **Benjamin Maurice Wanzo** Jeremy Moses Weisstub Craig Wenning, Dallas, Texas Joel David Werner, Glen Carbon, Illinois Amanda Lindsay West, Menlo Park, California **Robert James Weston** Jihye Whang John Warren White, Summit, New Jersey Sven Reto Bruno Wiederkehr, Vaduz, Liechtenstein **Carey Jennings Wintroub** Alice Elizabeth Woodwark Sharon Sheung-Mun Wu, HKG, Hong Kong Maria Wu, New York, New York Sam Droste Yagan, Bourbonnais, Illinois Jessica Droste Yagan, Dow, Illinois Tadashi Yamaguchi

Takanobu Yamamoto, Osaka, Japan Alexis Frondistis Yannas Jimmy Yu Cynthia Zavalza, Lodi, California Stephan Zech, Frankfurt, Germany Yan Zhu, Beijing, People's Republic of China Mark Adrian Zubko, Seattle, Washington

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Doctor of Philosophy

Degrees Conferred September 30, 2004 Stevan Adam Brasel, Palos Park, Illinois. Business Administration, Dissertation Title: Overwhelming Alternatives

Dana Alice Gavrieli. Business Administration

Deishin Lee, Canada. Business Administration, Dissertation Title: Management of Information and Technology

Yuval Nov, Haifa, Israel. Business Administration, Dissertation Title: Modeling and Analysis of Protein Design Under Resource Constraints

Maia J. Young. Business Administration, Dissertation Title: Magic at work: Magical judgments of colleagues and leaders in work organizations

Pablo Zoido. Business Administration

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Doctor of Philosophy

Degrees Conferred January 6, 2005

Rebecca Lynn Brunson. Business Administration, Dissertation Title: Essays in Mergers and Acquisitions: Insights for the Takeover of Private Firms

Shiri Shneorson, Haifa, Israel. Business Administration, Dissertation Title: Essays on Capacity and Pricing of Congestible Resources

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Doctor of Philosophy Degrees Conferred March 31, 2005

Don H. Kim. Business Administration, Dissertation Title: Aspects of Time-Varying Risk and Return in Bond Markets Yulin Long. Business Administration, Dissertation Title: Essays on SFAS 142: Adoption Timing Motives, Market Reaction and Relation between Impairment and Overpayment in Acquisitions

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Doctor of Philosophy

Degree Candidates, June 12, 2005

Steven David Drucker, Oakdale, New York. Business Administration, Dissertation Title: Essays in Financial Intermediation

Yuval Efrati. Business Administration

William Martin Fuchs, Buenos Aires, Argentina. Business Administration, Dissertation Title: Dynamic Contracts

Ali Burak Guner, Canakkale, Turkey. Business Administration, Dissertation Title: Essays in Empirical Corporate Finance

Korhan Gurkan, Istanbul, Turkey. Business Administration, Dissertation Title: Essays on Product Development and Market Structure

William R. Hauk, St. Louis, Missouri. Business Administration, Dissertation Title: Essays in the Political Economy of International Trade and Economic Growth

Ayca Kaya, Turkey. Business Administration, Dissertation Title: Essays on Games with Asymmetric Information

Jia Li. Business Administration

Olivia Amanda O'Neill, Baltimore, Maryland. Business Administration, Dissertation Title: Masculine Organizational Cultures: The Effect of Emotional Norms on Human Resources Decision Making

Richard Anderson Price III, Peck, Kansas. Business Administration, Dissertation Title: Accounting Conservatism and the Asymmetry in Current and Lagged Returns Rohin Saluja. Business Administration

Alexei Vladimirovich Tchistyi, Brest, Belarus. Business Administration, Dissertation Title: Security Design with Correlated Hidden Cash Flows: The Optimality of Performance Pricing

Hefei Wang, Beijing, People's Republic of China. Business Administration, Dissertation Title: Essays in Corporate Finance Jonathan Eric Woon. Business Administration, Dissertation

Title: Essays on Legislative Issue Attention Song-Oh Yoon. Business Administration, Minor: Psychology, Dissertation Title: How Stable Are Consumers' Constructed

Preferences?: The Role of Choice Set Context and Response Mode

Continuing Studies Charles Junkerman. Dean

Master of Liberal Arts Degree Candidates, June 12, 2005

Aline Baeck, Sunnyvale, California William Leo Baeck, Sunnyvale, California Garnet Ayers Batinovich, Menlo Park, California Jennifer Jill Burton, Los Altos, California George William Coombe, Kearny, New Jersey Gail Curtis Graham, Stinson Beach, California Megan Ellen Hansen, Mountain View, California Beth Anne Karpas, Mountain View, California Jean Marie P. Layton Mark C. North Christopher T. Scott, San Francisco, California Odile Marie Sullivan-Tarazi Stuart Wells, Boulder Creek, California Christopher Allen Wolf Steven V. Zabriskie, Houston, Texas

School of Earth Sciences Pamela A. Matson, Dean

Bachelor of Science Degrees Conferred September 30, 2004

Andrea Laura Christenson, Litchfield, Minnesota. Earth Systems Lars Johannes Grimm, Naples, Florida. Geological and Environmental Sciences, with Distinction

Bachelor of Science Degrees Conferred January 6, 2005

Adam Carrett Abeles, Knoxville, Tennessee. Geological and Environmental Sciences

Lynn Katherine Asbeck, San Diego, California. Earth Systems Juliette Masayesva Jeanne. Earth Systems Terry Francis Lachowicz, Wenatchee, Washington. Earth Systems Erik Anders Sperling, Bainbridge Island, Washington.

Geological and Environmental Sciences

Alexis Pepper Yelton, Brookline, Massachusetts. Earth Systems

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Bachelor of Science

Degrees Conferred March 31, 2005

Eliah D. Gilfenbaum, Peterborough, New Hampshire. Earth Systems

Justin Adam Kitzes, Boca Raton, Florida. Earth Systems, with Distinction

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Bachelor of Science

Degree Candidates, June 12, 2005

Alicia Altagracia Aponte, New Haven, Connecticut. Earth Systems

Erin Emily Beller, Napa, California. Geological and

Environmental Sciences, with Distinction David Patrick Benefiel, Kensington, Maryland. Earth Systems

Lacy Abbott Caruthers, Sewanee, Tennessee. Earth Systems Lauren Anne Casey, Somers, Montana. Earth Systems Clayton Toon Coker, Flora, Mississippi. Earth Systems Larissa Beth Conte, Bethesda, Maryland. Earth Systems Jacqueline Roxana Crespo, Avalon, California. Earth Systems Alessa Sook Crossan. Earth Systems Amelia Kathryn Foeringer DeLaPaz, Dobbs Ferry, New York. Geological and Environmental Sciences Anthony Scott DeLisi, Virginia. Earth Systems Kenneth Michael Dixon. Earth Systems, with Distinction Darcy Graham Dugan, Girdwood, Alaska. Earth Systems, Interdisciplinary Honors Program in Environmental Science,

Eleanor Wells Branch, Sacramento, California. Earth Systems

Technology, and Policy

Maxwell Henry Felsher. Earth Systems

Dianna Stephawn Ferrand. Geological and Environmental Sciences Stephanie Danielle Greene. Earth Systems, Interdisciplinary Honors Program in Environmental Science, Technology, and Policy Kelly Anne Grijalva, San Jose, California. Geophysics

Robert Emmett Hopkins. Earth Systems

Christa Marie Horn, Ridgecrest, California. Earth Systems Patrick Pey-Tsong Hsieh, La Habra Heights, California. Earth Systems John Alexander Hunter, Saint Paul, Minnesota. Earth Systems Elise Aubrey Hunter, Berkeley, California. Earth Systems Enessa Holland Janes, Denver, Colorado. Earth Systems Malinda Louise Kent-Corson, Seattle, Washington. Geological and Environmental Sciences, Departmental Honors Program Kimberly Cathy Lo, Singapore, Singapore. Earth Systems Ashley Elizabeth Maloney, Denver, Colorado. Earth Systems Simone Manganelli, Mountain View, California. Geological and Environmental Sciences and Mathematics, Departmental Honors Program

Nicholas Grant Markman. Geological and Environmental Sciences Jacqueline Christine Martin, Oakland, California. Earth Systems, Interdisciplinary Honors Program in Environmental Science, Technology, and Policy, with Distinction

Daniel Jonathan Martin, Rockville, Maryland. Geological and Environmental Sciences

Jennifer Adams McColloch, Portsmouth, Rhode Island. Earth Systems

Nancy Kathryn McKeown. Geological and Environmental Sciences

Molly Torian Meyer, Indianapolis, Indiana. Earth Systems, Interdisciplinary Honors Program in Environmental Science, Technology, and Policy

Anamaria Nino-Murcia, Menlo Park, California. Earth Systems, Interdisciplinary Honors Program in Environmental Science, Technology, and Policy

 ${\bf Erin \ Ann \ Palm}, {\bf Santa \ Rosa, \ California. \ Earth \ Systems, with \ Distinction$

Molly Alyse Palmer, Crystal Lake, Illinois. Earth Systems Kathleen Jean Paul, Snohomish, Washington. Geological and Environmental Sciences, with Distinction

Jonas Alexander Roddenberry, Melbourne Beach, Florida. Earth Systems

Britt Julia Sandler, Ann Arbor, Michigan. Earth Systems, Interdisciplinary Honors Program in Environmental Science, Technology, and Policy

Valery Fairfax Scharf, Winchester, Massachusetts. Earth Systems Lyndsie R. Schmalz, Elk Grove, California. Geological and Environmental Sciences

Laura Saylor Sherman, Ithaca, New York. Geological and Environmental Sciences, Departmental Honors Program, with Distinction

Marc Alexandre Whitaker, Sophia-Antipolis, France. Earth Systems

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Master of Science

Degrees Conferred September 30, 2004

Lauren Anne Benson, Seattle, Washington. Geological and Environmental Sciences

Michael Ross Fleishman, Sausalito, California. Geophysics Sang-Min Kim, Seoul, Republic of Korea. Geophysics Tasha Elise Reddy. Geophysics

\$

Master of Science Degrees Conferred January 6, 2005

Olusoga Martins Akintunde, Arararomi-Obu, Nigeria. Geophysics Judson Paul Boomhower, Corvallis, Oregon. Earth Systems

Rebecca Elaine Glatz, Ames, Iowa. Geological and

Environmental Sciences

 ${\bf Bingjian \ He. \ Petroleum \ Engineering}$

Ashley Lynn Ivy, Arlington, Texas. Earth Systems

Juliette Masayesva Jeanne. Earth Systems

Lindsey Rae Kropuenske, Ouray, Colorado. Earth Systems Chunmei Shi, Rugao, People's Republic of China. Petroleum

Engineering Erik Anders Sperling, Bainbridge Island, Washington. Geological and Environmental Sciences

\$

Master of Science

Degrees Conferred March 31, 2005

Izzet Arslan. Geological and Environmental Sciences

Ingrid Cordon. Geophysics

Kazunori Nakagawa. Petroleum Engineering

Irtek Uraz, Turkey. Petroleum Engineering Gianluca Valenti, Milan, Italy. Petroleum Engineering

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Master of Science

Degree Candidates, June 12, 2005

Adam Garrett Abeles, Knoxville, Tennessee. Geological and Environmental Sciences

Lynn Katherine Asbeck, San Diego, California. Earth Systems Michael James Calhoun, Pacific Palisades, California.

Geological and Environmental Sciences

Qing Chen, Nanchang, People's Republic of China. Petroleum Engineering

Alice Chiu, San Marino, California. Earth Systems

Wei Chu. Geological and Environmental Sciences

 ${\bf Larissa \ Beth \ Conte, \ Bethesda, \ Maryland. \ Earth \ Systems}$

 ${\bf Emily\ Kvietka\ Desmarais.\ Geophysics}$

Evan Wade Fox, La Mesa, California. Earth Systems

Nicholas Brandt Handler, Merion, Pennsylvania. Geological and Environmental Sciences

Paul Ottinger Hayne, Sammamish, Washington. Geophysics Patrick Pey-Tsong Hsieh, La Habra Heights, California. Earth Systems

Birendra Jha, India. Petroleum Engineering

 $\mathbf{Rebecca} \ \mathbf{A}. \ \mathbf{Katz}, \ \mathbf{Eau} \ \mathbf{Claire}, \ \mathbf{Wisconsin}. \ \mathbf{Earth} \ \mathbf{Systems}$

Bryan Christopher Kerr. Geophysics

Justin Adam Kitzes, Boca Raton, Florida. Earth Systems

Noriko Kobayashi, Paris, France. Petroleum Engineering Christopher Murray Kost, Davis, California. Earth Systems Ling Liang. Petroleum Engineering

Ashley Elizabeth Maloney, Denver, Colorado. Earth Systems Jennifer Adams McColloch, Portsmouth, Rhode Island. Earth Systems

Molly Torian Meyer, Indianapolis, Indiana. Earth Systems Anyela Morcote-Rios, Bogotá, Colombia. Geophysics Jim Michael Neiss, San Mateo, California. Geological and Environmental Sciences

Anamaria Nino-Murcia, Menlo Park, California. Earth Systems Himansu Rai. Petroleum Engineering Elizabeth Jane Spiteri, Canton, Michigan. Petroleum Engineering

Anson Lim Villaluz. Petroleum Engineering

Karen F. Wang, Los Altos, California. Earth Systems

Charles Winston Wheeler, Richmond, Virginia. Geological and Environmental Sciences

\$

Doctor of Philosophy Degrees Conferred September 30, 2004

William H. Crane, Montgomery, Alabama. Geological and Environmental Sciences, Dissertation Title: Depositional History of the Upper Cretaceous Cerro Toro Formation, Silla Syncline, Magallanes Basin, Chile

Colin Stephen Doyle, Urunga, Australia. Geological and Environmental Sciences, Dissertation Title: Soft X-ray Absorption and Photoemission Studies of Mineral Surface and Mineral Surface Coatings

Brita Renee Graham Wall, Clarkston, Michigan. Geological and Environmental Sciences, Dissertation Title: Evolution of Fluid Pathways along Fracture Controlled Faults in Fold-thrust Belt Carbonates

Kaj Melvin Johnson. Geophysics, Dissertation Title: Mechanical Models of Interseismic Deformation

Michael Dechen Mastrandrea, San Carlos, California. Interdisciplinary Program in Environment and Resources, Dissertation Title: Dangerous Climate Change: Probabilistic Integrated Assessment, Ecosystem Impacts, and Abrupt Climatic Change

Diana Cornelia Sava, Bucharest, Romania. Geophysics, Dissertation Title: Quantitative Data Integration for Fracture Characterization Using Statistical Rock Physics

Josephina Maria Schembre, Caracas, Venezuela. Petroleum Engineering, Dissertation Title: Temperature, Surface Forces, Wettability and Their Relationship to Relative Permeability of Porous Media

Tae Hyun Yoon, Seoul, Republic of Korea. Geological and Environmental Sciences, Minor: Civil and Environmental Engineering, Dissertation Title: Naturally-Occurring Organic Compounds at the Mineral-Water Interfaces: Their interactions with Mineral Surfaces and Impacts on Pollutant Speciation

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Doctor of Philosophy Degrees Conferred January 6, 2005

Christopher Lee Addams, Bountiful, Utah. Geological and Environmental Sciences, Dissertation Title: Water Resource Policy Evaluation Using a Combined Hydrologic-Economic-Agronomic Modeling Framework: Yaqui Valley, Sonora, Mexico

Kristen Brittan Averyt, Laguna Niguel, California. Geological and Environmental Sciences, Dissertation Title: Strontium in Marine Barite: Implications for Ocean Chemistry and Barite Formation

Jeffrey G. Catalano, West Chicago, Illinois. Geological and Environmental Sciences, Dissertation Title: Molecular Scale Studies of Uranium Speciation in Contaminated Hanford, Washington Sediments and Related Model Systems

Alvin Wing Ka Chan, Hong Kong, Hong Kong. Geophysics, Dissertation Title: Production-Induced Reservoir Compaction, Permeability Change and Land Surface Subsidence

Zhengzheng Chen, Chengdu, People's Republic of China. Geological and Environmental Sciences, Dissertation Title: Paleoreconstruction Using Compound-Specific Isotope Analysis of Biomarkers Lourdes Belen Colmenares, Maracay, Venezuela. Geophysics, Dissertation Title: Rock Strength Under True Triaxial Loading, Seismotectonics of Northern South America and Geomechanics and Coal Bed Methane Production in the Powder River Basin

Seth Storey Haines, Vassalboro, Maine. Geophysics, Dissertation Title: Seismoelectric Imaging of Shallow Targets

Chuanping He, Guizhou, People's Republic of China. Petroleum Engineering, Dissertation Title: Structured Flow-based Gridding and Upscaling for Reservoir Simulation

Ayako Kameda, Hiroshima, Japan. Geophysics, Dissertation Title: Permeability Evolution in Sandstone: Digital Rock Approach

Sunderrajan Krishnan, Mumbai, India. Geological and Environmental Sciences, Dissertation Title: Combining Diverse and Partially Redundant Information in the Earth Sciences

Nicolas Henri Remy, Saint Denis, Reunion, France. Geological and Environmental Sciences, Dissertation Title: Algorithmic and Software Methods for a Better Integration of the Geological Information into Numerical Models

Paul Constantin Sava, Bucharest, Romania. Geophysics, Dissertation Title: *Migration and velocity analysis by wavefield extrapolation*

Joe J. Voelker, Aurora, Colorado. Petroleum Engineering, Dissertation Title: A Reservoir Characterization of Arab-D Super-k as a Discrete Fracture Network Flow System, Ghawar Field, Saudi Arabia

Zepu Zhang, People's Republic of China. Geological and Environmental Sciences, Dissertation Title: Continuous Spatial-Temporal Stochastic Rainfall Models Based on Aggregated Historical Data

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Doctor of Philosophy Degrees Conferred March 31, 2005

Jonathan Blair Ajo-Franklin, St. Louis, Missouri. Geophysics, Dissertation Title: Using High Resolution Borehole Geophysics For DNAPL Detection and Environmental Site Characterization Guven Burc Arpat. Petroleum Engineering, Dissertation Title:

Sequential Simulation with Patterns

Liping Jia, Beining, People's Republic of China. Petroleum Engineering, Dissertation Title: Reservoir Definition through Integration of Multi-scale Petrophysical Data

Michael John Lutz. Geological and Environmental Sciences, Dissertation Title: Marine Particulate Matter Flux and Regeneration, with Focus on the Southern Ocean

Omer Inanc Tureyen, Izmir, Turkey. Petroleum Engineering, Dissertation Title: A Parallel Modelling Approach to Reservoir Characterization

David Allen Zinniker, Eugene, Oregon. Geological and Environmental Sciences, Dissertation Title: New Insights into Molecular Fossils: The Fate of Terpenoids and the Origin of Gem-Dialkylalkanes in the Geological Environment

✿ Doctor of Philosophy Degree Candidates, June 12, 2005

Yuguang Chen, Beijing, People's Republic of China. Petroleum Engineering, Dissertation Title: Upscaling and Subgrid Modeling of Flow and Transport in Heterogeneous Reservoirs

Chih-Ying Chen, Changhwa, Taiwan. Petroleum Engineering, Dissertation Title: Liquid-gas Relative Permeabilities in Fractures: Effects of Flow Structures, Phase Transformation and Surface Roughness

Joseph Peter Colgan, Rochester, Minnesota. Geological and Environmental Sciences, Dissertation Title: *Timing and* Magnitude of Basin and Range Extension in Northwestern Nevada

Erin Therese Duerichen, Smithers, Canada. Geological and Environmental Sciences, Dissertation Title: Sedimentology and Architecture of Eocene Deep-Water Deposits, Talara Basin, NW Peru

Juan Mauricio Florez-Nino, Bogota, Colombia. Geophysics, Dissertation Title: Integrating Geology, Rock Physics, and Seismology for Reservoir Quality Prediction

Antoine Georges Louis Guitton, Nantes, France. Geophysics, Dissertation Title: *Multidimensional Seismic Noise Attenuation* B. Todd Hoffman, Salmon, Idaho. Petroleum Engineering,

Dissertation Title: Geologically Consistent History Matching Timothy James Kiczenski, Bensenville, Illinois. Geological and Environmental Sciences, Dissertation Title: A Study of the Effects of Composition and Temperature on the Structure of Fluorine-Containing Silicate and Aluminosilicate Glasses.

David Brian Lobell, Port Washington, New York. Geological and Environmental Sciences, Dissertation Title: A Remote Sensing Approach to Understand Controls on Cropland Productivity

Karen McLaughlin. Geological and Environmental Sciences, Dissertation Title: The Oxygen Isotopic Composition of Phosphate: A Tracer for Sources and Cycling of Phosphate in Marine and Estuarine Systems

Stephen Michael John Moysey, Canada. Geophysics, Dissertation Title: A Quantitative Investigation of the Use of Ground-Penetrating Radar in Hydrogeology

Nell Marie Green Nylen. Geological and Environmental Sciences, Dissertation Title: A multi-proxy approach to understanding Plio-Pleistocene climatic and environmental change along the coast of northern California

Marie Louise Prucha. Geophysics, Dissertation Title: Imaging under Salt: Illumination Compensation by Regularized Inversion

Kamini Singha, Storrs, Connecticut. Geological and Environmental Sciences, Dissertation Title: Hydrogeophysical Estimation of Groundwater Tracer Concentrations from Fieldscale Electrical Resistivity Tomography

Pieter Vermeesch, De Haan, Belgium. Geological and Environmental Sciences, Dissertation Title: *Contributions to Detrital Thermochronology*

Chunling Wu, Fushun, People's Republic of China. Geophysics, Dissertation Title: *Efficient Seismic Modeling in Multi-scale Heterogeneous Media*

Tuan-Feng Zhang, Xian, People's Republic of China. Geological and Environmental Sciences, Dissertation Title: *Filter-based Pattern Classification and Pattern Simulation*

School of Education Deborah J. Stipek, Dean

Master of Arts

Degrees Conferred September 30, 2004

Cherry Willow Almond. Education, Field: International Education Administration and Policy Analysis

Mills Matthiessen Chapman. Education, Field: International **Comparative Education**

Niambi Aisha Clay, Oakland, California. Education, Field: Joint School of Education/Graduate School of Business Program Evelina H. Du, Los Angeles, California. Education, Field: International Education Administration and Policy Analysis Amanda Leigh Flaim. Education, Field: International Comparative Education

Keiko Kotani, Fukuoka, Japan. Education, Field: International Comparative Education

Ruth Yeuk Chun Leung. Education, Field: International Comparative Education

Andris Pablo Molina, Santiago, Chile. Education, Field: International Education Administration and Policy Analysis Claire Elizabeth Morgan. Education, Field: International

Education Administration and Policy Analysis

Jane Pak, Toronto, Canada. Education, Field: International Education Administration and Policy Analysis

Michelle Elaine Phillips, Houston, Texas. Education, Field: International Education Administration and Policy Analysis Todd Preston Shaiman. Education, Field: Joint School of

Education/Graduate School of Business Program

Jennifer Diane Steinman, San Francisco, California. Education, Field: Social Sciences in Education

Laura Folkman Steuer. Education, Field: Curriculum Studies and Teacher Education

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Master of Arts Degrees Conferred January 6, 2005

Lisa Hersch, Sydney, Australia. Education, Field: Joint School of Education/Graduate School of Business Program Jae Ah Jeon, Republic of Korea. Education, Field: International Education Administration and Policy Analysis Stephanie Lisa Soler. Education, Field: Joint School of Education/Graduate School of Business Program

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Master of Arts Degrees Conferred March 31, 2005

Salvador Humberto Avila Cobo, Chihuahua, Mexico. Education, Field: Learning, Design and Technology Anthony John Dinh, Grand Blanc, Michigan. Education, Field: International Comparative Education Mihai Catalin Rauta, Rockville, Maryland. Education, Field: Joint School of Education/Graduate School of Business Program Ô.

Master of Arts

Degree Candidates, June 12, 2005

Kayetan Olgierd Adamski, Chicago, Illinois. Education, Field: Teaching of English

Claire Elizabeth Amley, St. Paul, Minnesota. Education, Field: Teaching of Spanish

Jessica Kimberly Andre. Education, Field: Policy, Organization and Leadership Studies

Patricia Anguiano. Education, Field: Social Sciences in Education

Diego Arambula, Fresno, California. Education, Field: Teaching of Social Science

Cynthia Lynn Armstrong. Education, Field: Teaching of Biology Stephanie Mun Yee Au, Diamond Bar, California. Education, Field: Teaching of Social Science

Adam Charles Bad Wound, Rapid City, South Dakota. Education, Field: Policy, Organization and Leadership Studies

Edward David Bailey, Chicago, Illinois. Education, Field: Joint School of Education/Graduate School of Business Program

Shruti Bajaj, Cerritos, California. Education, Field: Learning, Design and Technology

Jacquelyn Monique Ball, California. Education, Field: Social Sciences in Education

Tori Aiko Barber, Redwood City, California. Education, Field: Social Sciences in Education

Daniel Edward Becker. Education, Field: Teaching of Social Science

Devin Murray Beliveau, Hallowell, Maine. Education, Field: Teaching of Social Science

Derek Raymond Bingham, Palo Alto, California. Education, Field: Joint School of Education/Graduate School of Business Program

Julie Anna Braly. Education, Field: Learning, Design and Technology

Marisa Bueno. Education, Field: Policy, Organization and Leadership Studies

Amy Christine Burke, Redwood City, California. Education, Field: Teaching of Mathematics

Emily Tomiko Burton, Gilroy, California. Education, Field: Teaching of Social Science

Erin Marie Buzby, Bridgewater, New Jersey. Education, Field: Teaching of Mathematics

David Edmund Cade, Portland, Oregon. Education, Field: Teaching of Mathematics

Jeffrey Benjamin Camarillo. Education, Field: Teaching of Social Science

Elizabeth McDonough Canfield, Pittsford, New York. Education, Field: Teaching of French

Kristin Marie Castillo, Newark, California. Education, Field: Teaching of Mathematics

Connie Karlai Chan, Rancho Palos Verdes, California. Education, Field: Social Sciences in Education

Heather Anne Charles. Education, Field: Teaching of French

Elizabeth Kellogg Chausse, Canton, Massachusetts. Education,

Field: Policy, Organization and Leadership Studies

Joanna Chun-I Chi, Arcadia, California. Education, Field: Social Sciences in Education

Chinezi Mark Chijioke, Nigeria. Education, Field: Joint School of Education/Graduate School of Business Program

Caroline Chung. Education, Field: Teaching of English

Novella Yvette Coleman, Alta Loma, California. Education, Field: Teaching of Mathematics

Luis Alberto Contreras, Santa Ana, California. Education, Field: Teaching of Spanish

Julian Matthew Cortella. Education, Field: Teaching of Mathematics

Jenifer Anne Crawford, Chico, California. Education, Field: Social Sciences in Education

Emily Martha Cruze, Belmont, California. Education, Field: Teaching of English

Maureen Anne Curis, West Hartford, Connecticut. Education, Field: Curriculum Studies and Teacher Education

Ankur Dalal, Fanwood, New Jersey. Education, Field: Teaching of Mathematics

Brendan Daly. Education, Field: Social Sciences in Education Raymond Matthew Dunbar, Rock Hill, South Carolina.

Education, Field: Joint School of Education/Graduate School of Business Program

Lenay Danielle Dunn. Education, Field: Social Sciences in Education

Robert Jeremy Ebbink. Education, Field: Teaching of English Jeremy Austin Edwards. Education, Field: Policy, Organization and Leadership Studies

Ellen Feigenbaum. Education, Field: Teaching of English Jonathan Edward Felder, Bethesda, Maryland. Education,

Field: Social Sciences in Education

Robert Loomis Feldstein. Education, Field: Teaching of Physics Veronica Flores, Fort Worth, Texas. Education, Field: Policy, Organization and Leadership Studies

Meaghen Montgomery Foley, Austin, Texas. Education, Field: Policy, Organization and Leadership Studies

Carol Fong, Los Gatos, California. Education, Field: Teaching of Chemistry

Alice Elizabeth Gallen. Education, Field: Teaching of Mathematics

Jonathan Mark Garfinkel. Education, Field: Joint School of Education/Graduate School of Business Program

Diane Ling Ling Goh, Singapore. Education, Field: Curriculum Studies and Teacher Education

Ana Nayelli Gonzalez, Paris, France. Education, Field: Teaching of Social Science

Paige Gordon-Parenti, West Vancouver, Canada. Education, Field: Policy, Organization and Leadership Studies

Juan Antonio Govea. Education, Field: Teaching of Biology Eric Paul Grant, New York, New York. Education, Field: Learning, Design and Technology

Justin James Green, Arlington, Virginia. Education, Field: Teaching of Spanish

Alix Guerrier, New Haven, Connecticut. Education, Field: Joint School of Education/Graduate School of Business Program

Michelle Brooke Hayes, Bountiful, Utah. Education, Field: Teaching of English

Tomoka Higuchi, Tokyo, Japan. Education, Field: Social Sciences in Education

Gregory Girard Hoerner. Education, Field: Policy, Organization and Leadership Studies

Ann Hsieh, Oneida, New York. Education, Field: Social Sciences in Education

Jessica Wei Huang, Chandler, Arizona. Education, Field: Teaching of Biology

Meredith Rose Kessler. Education, Field: Policy, Organization and Leadership Studies

Trisha Angel Khachooni, Los Altos Hills, California. Education, Field: Teaching of Mathematics

Hye In Kim, Stanford, California. Education, Field: Learning, Design and Technology

Angela Kay Knotts. Education, Field: Teaching of Mathematics Caroline Marie Kuntz. Education, Field: Teaching of English Lily San Lee Lam. Education, Field: Teaching of English

Micah Jon Lande, Carmel, California. Education, Field: Learning, Design and Technology

Eunyoung Lee. Education, Field: Curriculum Studies and Teacher Education

Nicole Louise Louie, San Francisco, California. Education, Field: Teaching of Mathematics

Naoki Maeda. Education, Field: Social Sciences in Education Sarah Bethany Marcy. Education, Field: Curriculum Studies and Teacher Education

Jason A. McBride, Fairfield, California. Education, Field: Policy, Organization and Leadership Studies

Justin Ladd McNabney, Anderson, Indiana. Education, Field: Social Sciences in Education

Esther Mecking. Education, Field: Teaching of Mathematics **Lucia Medina**. Education, Field: Teaching of Social Science

Veronica Perez Mendoza, Santa Clara, California. Education, Field: Social Sciences in Education

Iram Wajahat Mirza. Education, Field: Learning, Design and Technology

Meredith Jane Mohr, San Jose, California. Education, Field: Learning, Design and Technology

Irene Johnson Moore, San Francisco, California. Education, Field: Curriculum Studies and Teacher Education

Meredith Whitney Moran, Hermosa Beach, California.

Education, Field: Curriculum Studies and Teacher Education Kathryn Louise Morgan. Education, Field: Teaching of Biology

Alcine Dian Mumby. Education, Field: Curriculum Studies and Teacher Education

Nathalie-Andree Muzac, San Francisco, California. Education, Field: Art Education

Nanae Nakamura. Education, Field: Learning, Design and Technology

Sonal Gersappa Nalkur, Ottawa, Canada. Education, Field: Social Sciences in Education

Donielle Nacole Newell, Naperville, Illinois. Education, Field: Policy, Organization and Leadership Studies

Federick Joseph Ngo, Corona, California. Education, Field: Teaching of Mathematics

Eileen M. O'Brien. Education, Field: Learning, Design and Technology

Patrick John O'Connell. Education, Field: Teaching of Social Science

Amelia Cristina O'Neill. Education, Field: Curriculum Studies and Teacher Education

Katherine S. Onorato, Acton, Massachusetts. Education, Field: Social Sciences in Education

Elizabeth Ann Ozar. Education, Field: Learning, Design and Technology

David Whitney Parsons. Education, Field: Joint School of Education/Graduate School of Business Program

Vishakha Vasant Parvate, Pune, Bombay, India. Education, Field: Learning, Design and Technology

Vivek Patel. Education, Field: Learning, Design and Technology Anne Marie Piper. Education, Field: Learning, Design and Technology

Bindu Elizabeth Pothen. Education, Field: Curriculum Studies and Teacher Education

Katherine Berkman Rahm, New York, New York. Education, Field: Joint School of Education/Graduate School of Business Program Srividya Raman, Chennai, India. Education, Field: Learning, Design and Technology

Michelle Sharita Refuge, Carson, California. Education, Field: Teaching of English

Jennifer Marie Reichert. Education, Field: Teaching of English David Kyle Richards. Education, Field: Teaching of Social Science

Joseph Paul Robinson, Auburn, New York. Education, Field: Social Sciences in Education

Melissa Veronica Rodriguez. Education, Field: Teaching of English

Maria Isabel Rodriguez, Watsonville, California. Education, Field: Teaching of Social Science

Kathleen Ellen Rooney. Education, Field: Teaching of Spanish Daphne King Ross. Education, Field: Curriculum Studies and Teacher Education

Theodore Ruiz Sagun, South El Monte, California. Education, Field: Teaching of Mathematics

Clint Joseph Sallee. Education, Field: Social Sciences in Education

Jeffrey Paul Sauro, Denver, Colorado. Education, Field: Learning, Design and Technology

Sarah Beth Schulman, Austin, Texas. Education, Field: Social Sciences in Education

Renee Charlebois Scott. Education, Field: Curriculum Studies and Teacher Education

Margot Elizabeth Seeto, San Francisco, California. Education, Field: Social Sciences in Education

Saadia Begum Shariff. Education, Field: Teaching of Mathematics

Diana L. Shem. Education, Field: Teaching of Chemistry

Allison Lee Sherman. Education, Field: Policy, Organization and Leadership Studies

Megumi Shibamiya. Education, Field: Teaching of Japanese Eun Jung Shin. Education, Field: Teaching of Biology

Yunnie Tsao Snyder. Education, Field: Social Sciences in Education

Sandra Lynne Speicher, San Francisco, California. Education, Field: Learning, Design and Technology

Ronit Yael Stahl, Fairfax, Virginia. Education, Field: Social Sciences in Education

Roger Edward Stanley, Severn, Maryland. Education, Field: Joint School of Education/Graduate School of Business Program Sylvia April Sullivan. Education, Field: Teaching of English

Shannon Mary Sullivan, San Francisco, California. Education, Field: Joint School of Education/Graduate School of Business Program

Karenina Susilo, Indonesia. Education, Field: Learning, Design and Technology

Michael Brandon Taubman, Palo Alto, California. Education, Field: Teaching of English

Melissa Christine Tavares, Winchester, Massachusetts. Education, Field: Teaching of Mathematics

Vishodana Thamotharan. Education, Field: Teaching of Chemistry

Pamela Teresa Thomas. Education, Field: Teaching of English Monica Hall Thomas. Education, Field: Policy, Organization and Leadership Studies

Christopher Joseph Tilghman, Palo Alto, California. Education, Field: Joint School of Education/Graduate School of Business Program

Jenny Elizabeth Tittle, Lancaster, California. Education, Field: Teaching of English Lilla Patrick Toal, Columbia, South Carolina. Education, Field: Teaching of English

Adriana Torres. Education, Field: Teaching of English

Kate Loraine Trimlett, El Cajon, California. Education, Field: Teaching of Biology

Ayako Amelia Urao. Education, Field: Teaching of Spanish **Lauren Lan Ko Uyeshiro**, Kailua, Hawaii. Education, Field: Teaching of English

Erica Marshalle Vaughan. Education, Field: Curriculum Studies and Teacher Education

Lenni Jean Velez. Education, Field: Teaching of Mathematics Kim Nguyen Vinh, La Mirada, California. Education, Field: Teaching of English

Sheila Anne Vyas, Mitchell, South Dakota. Education, Field: Learning, Design and Technology

Eileen Wang. Education, Field: Teaching of Social Science Katherine Wasilenko, Rome, New York. Education, Field:

Policy, Organization and Leadership Studies

Michelle Moon Young Whang, Studio City, California. Education, Field: Teaching of Spanish

Lindsay Leann Wing, Tyler, Texas. Education, Field: Social Sciences in Education

Megan Scott Winters. Education, Field: Policy, Organization and Leadership Studies

Adam Harvey Yonkers. Education, Field: Teaching of Social Science

Elice-Sandhya Emmanuel Zanzerkia. Education, Field: Teaching of Biology

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Doctor of Philosophy Degrees Conferred September 30, 2004

Elsa Monique Billings, Sanger, California. Education, Field: Language Learning and Policy, Dissertation Title: *Preparing* to Teach English Language Learners: An Analysis of Teachers Online Interactions

Andrea Conklin Bueschel. Education, Dissertation Title: Hopes on Me: Factors That Affect College Aspiration in First Generation Students

George Clay Bunch. Education, Minor: Applied Linguistics, Field: Educational Linguistics, Dissertation Title: But How Do We Say That?: Reconceptualizing Academic Language in Linguistically Diverse Mainstream Classrooms

Gayle Sena Christensen, Bozeman, Montana. Education, Field: International Comparative Education, Dissertation Title: What Matters for Immigrant Achievement Cross-Nationally? A Comparative Approach Examining Immigrant and Nonimmigrant Student Achievement

Melissa Sommerfeld Gresalfi. Education, Field: Educational Psychology, Dissertation Title: Taking Up Opportunities to Learn: Examining the Construction of Mathematical Identities in Middle School Classrooms

Julie Anne Henderson. Education, Field: General Curriculum Studies, Dissertation Title: Educating for Democracy:

Multicultural Education and Standards Based School Reform

Nancy O'Gara Kendall. Education, Field: International Comparative Education, Dissertation Title: Global Policy in Practice: The "Successful Failure" of Free Primary Education in Malawi

Jeannette Renee LaFors, San Francisco, California. Education, Field: Administration and Policy Analysis, Dissertation Title: What Principals Think and Do about Teaching Quality: Case Studies in San Diego City Schools John Matthew Luczak, Evanston, Illinois. Education, Field: Administration and Policy Analysis, Dissertation Title: Who Will Teach in the 21st Century? Beginning Teacher Training Experiences and Attrition Rates

Blake Alan Naughton, Hannibal, Missouri. Education, Minor: Political Science, Field: Higher Education Administration, Dissertation Title: *The Efficacy of State Higher Education Accountability Programs*

Liza Hayes Percer. Education, Field: Art Education, Dissertation Title: The Aesthetic Threat: Poetry's Challenge to Education

Laura Anne Post, Chevy Chase, Maryland. Education, Field: Teacher Education, Dissertation Title: *Working Toward Equity: Teacher Communities Changing Practices*

Matthew Stewart Rosin, Houston, Texas. Education, Field: Philosophy of Education, Dissertation Title: Obsoleting Culture: An Educational Reading of Arthur Miller's Death of a Salesman Melissa Eiler White, San Anselmo, California. Education, Field: Administration and Policy Analysis, Dissertation Title: Going Public: The Representation and Translation of Teacher Research

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Doctor of Philosophy

Degrees Conferred January 6, 2005

Karin Michelle Brodie, Johannesburg, South Africa. Education, Field: Mathematics Education, Dissertation Title: Textures of Talking and Thinking in Secondary Mathematics Classrooms Celine Toomey Coggins. Education, Field: Administration and Policy Analysis, Dissertation Title: Coaching as a Districtwide Reform Strategy

Benjamin Reinhart Kirshner, Brookline, Massachusetts. Education, Field: Child and Adolescent Development

Rose Mame Owens-West. Education, Minor: Sociology, Field: Administration and Policy Analysis, Dissertation Title: The Impact of Federal Policy on Local Practice: The Case of Chapter 1 Program Improvement

Muffie Wiebe Waterman. Education, Field: Symbolic Systems, Dissertation Title: *The Joint Achievement of Group Expertise and Autonomy*

Tobin Frye White. Education, Field: Mathematics Education, Dissertation Title: Encoding Functions, Decoding Learning: Collaborative Mathematics with Wireless Handheld Computers

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Doctor of Philosophy Degrees Conferred March 31, 2005

Salvador Humberto Avila Cobo, Chihuahua, Mexico. Education, Field: Interdisciplinary Studies, Dissertation Title: Collaboration, Innovation and the Building Blocks of Social Capital Formation in the Technology Sector: A Comparative Analysis of Knowledge-producing Institutions

Kelly Lynn Bikle. Education, Minor: Applied Linguistics, Field: Educational Linguistics, Dissertation Title: Vocabulary Acquisition Among English Learners in the Classroom Context Heidi Angela Ramirez. Education, Field: Sociology of Education, Dissertation Title: Diffusion of Instructional Innovations in Schools: The Case of Knowledge for Teaching Reading to English Language Learners

Barbara Wang Tolentino. Education, Field: Educational Psychology, Dissertation Title: *Making Space: A Socio-Psychological Study of Two Ecumenical Monastic Communities*

✿ Doctor of Philosophy

Degree Candidates, June 12, 2005

Bidemi Carrol, Freetown, Sierra Leone. Education, Field: International Comparative Education, Dissertation Title: *Private Monies, Public Universities: Implications for Access and University Behavior. A Study of Makerere University*

Rachel Ann Ebby-Rosin, Wayne, Pennsylvania. Education, Field: Administration and Policy Analysis, Dissertation Title: Voices at the Table: Organizing Low-Income Latino Parents for School Reform

Billie Gastic, New York, New York. Education, Field: Sociology of Education, Dissertation Title: Changing Minds, Saving Lives: Student Attitudes about Their Safety at School and Their Implications for Safe School Reform

Amber Kaye Gove. Education, Field: International Comparative Education, Dissertation Title: The Optimizing Parent? Household Demand for Schooling and the Impact of a Conditional Cash Transfer Program on School Attendance and Achievement in Brazil

Andrew Dean Ho, Honolulu, Hawaii. Education, Field: Educational Psychology, Dissertation Title: Comparing Score Trends on High-stakes and Low-stakes Tests Using Metric-free Statistics and Multidimensional Item Response Models

Jennifer Leigh Husbands, Philadelphia, Pennsylvania. Education, Field: Administration and Policy Analysis, Dissertation Title: The District Role in Instructional Improvement: A Case Study of High School Reform in San Diego City Schools

Thomas Hughes Levine, Worcester, Massachusetts. Education, Field: Teacher Education, Dissertation Title: Moving Beyond Just Me and My 32 Kids: Exploring Teachers Joint Work and Its Influence on Classroom Practice

Albert Steven Lozano, San Leandro, California. Education, Minor: Psychology, Dissertation Title: The Use of Informational Texts with English Learners in the Third Grade

Daisy Alice Martin. Education, Field: Social Studies Education, Dissertation Title: *Teaching for Historical Thinking: Teacher Knowledge*, *Practices and Constraints*

Michael Milliken, San Diego, California. Education, Field: Administration and Policy Analysis, Dissertation Title: *The Role* of the District Office in High School Redesign

Ronald Dean Nakao. Education, Field: Economics of Education, Dissertation Title: The Influence of Local Labor Market Opportunities on the Education of High School Students in the United States

Harly Neumann. Education, Field: Counseling Psychology, Dissertation Title: Hypocrisy Among Management: The Relationship between Corporate Behavioral Integrity and Organizational Performance Outcomes

Jennifer Elizabeth Schindel. Education, Field: Anthropology of Education, Dissertation Title: Challenging Sexual Prejudice, Creating Safe Spaces, Promoting Sexual Diversity: A Case Study of LGBTQ Youth Activism in the San Francisco Bay Area Jennifer Lynn Wolf. Education, Field: Curriculum Studies and Teacher Education

Yue Yin, People's Republic of China. Education, Field: Science Education, Dissertation Title: *The Influence of Formative* Assessments on Student Motivation, Learning, and Conceptual Change

Viki Maria Young. Education, Field: Administration and Policy Analysis, Dissertation Title: *Teachers' Use of Data: Embedded Contexts and Institutional Logics*

School of Engineering James D. Plummer, Dean

Bachelor of Science Degrees Conferred September 30, 2004

Shaun Michael Azimi, Auburn, California. Engineering, Field: Aeronautics and Astronautics, with Distinction Sonja Dorothea Amor Bebber, Bad Homburg, Germany. Management Science and Engineering Vidya Chander, San Jose, California. Electrical Engineering Vassil Georgiev Chatalbashev, San Jose, California. Computer Science Nemil S. Dalal, Bridgewater, New Jersey. Electrical Engineering Robert Maceo Dukes. Chemical Engineering Sierra Araneta Gonzalez, Palo Alto, California. Engineering, Field: Product Design Timothy Brian Grow, Pottstown, Pennsylvania. Computer Science Andrew Parker Hill, Los Altos, California. Electrical Engineering Patrick Hermosillo Holsberry. Chemical Engineering Matthieu Kenneth Jonemann, Le Vesinet, France. Mechanical Engineering Michael James Keiser, Santa Rosa, California. Computer Science Mark Zhuen Lim. Electrical Engineering Jasmine Michelle Lopez, Bend, Oregon. Computer Science Naomi Morita. Management Science and Engineering Brian Alexander Quistorff. Computer Science Bert Bor-Der Shen, Bridgeport, West Virginia. Electrical Engineering

Joseph Gary Shermetaro, Sterling Heights, Michigan. Management Science and Engineering, with Distinction Elizabeth Vianey Trujillo, North Las Vegas, Nevada. Mechanical Engineering

Raymond Tingwei Wu, Oak Park, California. Management Science and Engineering

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Bachelor of Science Degrees Conferred January 6, 2005

Anika Agarwal, Monte Sereno, California. Computer Science Luis Fernando Benavides, Cali, Colombia. Management

Science and Engineering, with Distinction

 $\label{eq:constraint} \begin{array}{l} \textbf{Eugene Michael Berdichevsky}. \ \textbf{Mechanical Engineering}, \ \textbf{with} \\ \textbf{Distinction} \end{array}$

Adam D. Bernstein. Computer Science

Ray Chen. Electrical Engineering

Tze Wee Chen, Singapore, Singapore. Electrical Engineering, Departmental Honors Program

Eric David Cocker, Dunwoody, Georgia. Mechanical Engineering Stephen Andrew Cohen, Fremont, California. Computer Science Trevor Forrest Crane, La Honda, California. Electrical Engineering

David Han Huang, Dallas, Texas. Computer Science Chun Sang Hui, Hong Kong, People's Republic of China. Computer Science

Sungdam Hyun, New York, New York. Computer Science Dana Louise Johnson, Largo, Florida. Engineering, Field: Product Design

David Victor Liu, Hillsborough, California. Chemical Engineering, with Distinction

Bernardo Notari Malfitano, Rio de Janeiro, Brazil. Mechanical Engineering **Melissa Binti Mansur**, Kuala Lumpur, Malaysia. Electrical Engineering

David Brian Myszewski, Buffalo, Wyoming. Computer Science Yen Ting Ng, Malaysia. Computer Science, with Distinction

Michael Scott O'Banion. Mechanical Engineering

Jessica Marisol Perez. Management Science and Engineering William Sands Robinson, Tampa, Florida. Computer Science, with Distinction

Christopher Robinson, Washington, District of Columbia. Electrical Engineering

Daniel Morris Schiff, Oak Park, Illinois. Software Engineering for Biochemical Applications

Sammy Shreibati, Daly City, California. Electrical Engineering Clifford Szu, Bethesda, Maryland. Computer Science

Justin Jesada Tansuwan, Saint Louis, Missouri. Computer Science, with Distinction

Christopher David Wallis. Mechanical Engineering

Luther Lawford White, Parlin, New Jersey. Chemical Engineering

Melissa Elizabeth Wu, Monterey Park, California. Management Science and Engineering

Benjamin Adame Zamora, Visalia, California. Computer Science

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Bachelor of Science

Degrees Conferred March 31, 2005

Ugochi Cynthia Acholonu, Shoreline, Washington. Electrical Engineering

Sumeet Singh Ajmani. Management Science and Engineering Colin Edward Anderson, San Jose, California. Management Science and Engineering

Darrell Christopher Anderson, Toluca Lake, California. Management Science and Engineering

Benjamin Thomas Ball, Austin, Texas. Electrical Engineering

Mark Charles Brody, Rye, New York. Computer Science

Calvin Chin. Management Science and Engineering

Bradley Francis De Lima. Mechanical Engineering

Robyn Mikahala DeHay, Haleiwa, Hawaii. Civil Engineering Aaron Tyler Douglas, Temecula, California. Management Science and Engineering

Elizabeth Michal Epstein. Computer Science

Eric Laurence Frantz, West Linn, Oregon. Materials Science and Engineering

Adam Mark Freund, Dallas, Texas. Materials Science and Engineering

Nien-I Nancy Fu. Computer Science

Ernest C. Garcia. Management Science and Engineering

Graham Gilmer IV, Lynchburg, Virginia. Management Science and Engineering

James Thomas Grau, Succasunna, New Jersey. Management Science and Engineering

Lito Jose Hernandez, San Bruno, California. Electrical Engineering Blake Alexander Holden. Mechanical Engineering

James Ming Hom, Long Beach, California. Computer Science

Jordan Lee Husband, Sammamish, Washington. Computer Science Jessica Margaret Lira, Chappaqua, New York. Management Science and Engineering

Johnathan Gradney Martin, New Orleans, Louisiana. Computer Science

Joseph Gilmore Melaragno, San Diego, California. Management Science and Engineering

Jason Matthew Payne, Rosamond, California. Computer Science Julia Mercedes Roy, Bloomfield, Connecticut. Engineering, Field: Product Design

Nicholas Andres Sanchez. Computer Science

Andrew William Robertson Simons, Bermuda. Computer Science John Paul Smithson, Encino, California. Mechanical Engineering

Edward Torres, South Gate, California. Civil Engineering

Albert Yehung Wu, Demarest, New Jersey. Electrical

Engineering and Mathematics

Chi-Chung Allen Yu. Management Science and Engineering

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Bachelor of Science

Degree Candidates, June 12, 2005

Kwasi Ngoa Adu, Takoradi, Ghana. Mechanical Engineering Jooyeon Cathy Ahn. Engineering, Field: Product Design Taiwo Abimbola Ajayi, Accra, Ghana. Management Science and Engineering

Oluseyi Ashimiyat Akanni, Richmond, California. Mechanical Engineering

Kasey Downs Alderete, Bedford, Texas. Management Science and Engineering

Sabina Stefania Alistar, Piatra Neamt, Romania. Management Science and Engineering, with Distinction

Maria Guadalupe Anaya, East Palo Alto, California. Chemical Engineering

Daniel Patrick Anthony. Management Science and Engineering Luis Enrique Arellano, Winters, California. Electrical Engineering

Ana Maria Avramovic, Mclean, Virginia. Electrical Engineering Jason Bay Hanwei, Singapore, Singapore. Electrical

Engineering, with Distinction

Monica Jonelle Beam. Chemical Engineering

Katrina Fleming Bell. Mechanical Engineering

Orges Beqiri, Bronx, New York. Management Science and Engineering

Eric Hughmanick Berger, Berkeley, California. Computer Science, Departmental Honors Program

Kurt William Berglund, Middleburg Heights, Ohio. Computer Science, with Distinction

Rajat Bhatnagar, San Jose, California. Electrical Engineering and Mathematics

Michael Paul Bieniosek, Danville, California. Computer Science Sheila S. Bijoor, Bothell, Washington. Electrical Engineering

Alexander Regner von Bleyleben, Chestnut Hill, Massachusetts. Management Science and Engineering

Michael George Boutross, Norwell, Massachusetts. Mechanical Engineering

Matthew Aron Breault, Colorado Springs, Colorado. Mechanical Engineering

Lindsay Marie Brisbin, Oregon City, Oregon. Materials Science and Engineering

Tefferi Mogus Brook. Electrical Engineering

Graham Laird Brown. Engineering, Field: Product Design Kyle Jacob Bruck, Tampa, Florida. Computer Science Jeffrey David Brunski. Mechanical Engineering

Craig Allen Buell. Management Science and Engineering Grace Anna Bull Tail, Pryor, Montana. Civil Engineering

Meabon Kyle Burns, Portland, Oregon. Civil Engineering

Arturo A. Caballero. Computer Science

Gregory Philip Camarillo, Menlo Park, California. Engineering, Field: Product Design

Luis Alberto Cardenas, Pátzcuaro, Mexico. Mechanical Engineering

Benjamin Glickman Carver, Denver, Colorado. Mechanical Engineering, with Distinction

Dante Emilio Cassanego. Computer Science

Christopher Kai-Sing Chan, Castro Valley, California. Computer Science, with Distinction

Albert Tak Chun Chan, Oakland, California. Materials Science and Engineering

Brian Chan, San Marino, California. Computer Science Benjamin Yung-Ping Chang, Houston, Texas. Mechanical Engineering

Michelle I. Chang, Palo Alto, California. Engineering, Field: Product Design

Wayne Jin Chang, Sunnyvale, California. Computer Science Tonkid Chantrasmi, Thailand. Mechanical Engineering

Christina Jen-Ting Chao. Mechanical Engineering

Joseph Rashid Chaudry, Corbin, Kentucky. Management Science and Engineering

Jonathan Scott Cheek, Arlington, Virginia. Management Science and Engineering, with Distinction

Albert Chen, Atherton, California. Management Science and Engineering

Vickie Z. Chiang, Sunnyvale, California. Engineering, Field: Product Design

Chung Hang Jonathan Choi, Taikoo Shing, Hong Kong. Chemical Engineering, Departmental Honors Program Jiayi Chong. Computer Science

Neil Haoning Chou. Computer Science

Kevin Scott Christopher, Englewood, Colorado. Computer Science Lillian Jane Chu, Victorville, California. Management Science and Engineering

Hubert Chu, Alameda, California. Electrical Engineering

Samantha Pei-Ting Chui. Computer Science

Alexander Wheeler Clowes, Rochester, New York. Civil Engineering Ryan Paul Cooke. Computer Science

Ruth Eleanor Costa. Mechanical Engineering

Miguel Antonio Craig, Chevy Chase, Maryland. Materials Science and Engineering

Gregory Stratos Cuellar, Palo Alto, California. Computer Science **Benjamin Denton D'Angelo**, Santa Rosa, California. Computer Science, with Distinction

Esha Datta, West Hills, California. Mechanical Engineering Enrique M. De Anda. Management Science and Engineering Adar Dembo. Computer Science

Peter Hepburn Deming, Oyster Bay, New York. Management Science and Engineering

Vishal Prakashchand Dhandhia, Bombay, India. Electrical Engineering

Tucker Dilg-Cunningham, Portland, Oregon. Computer Science Jeremiah Patrick Dillon, Seldovia, Alaska. Management Science and Engineering, with Distinction

Gregory John Donaker, Berkeley, California. Computer Science Vincent Joseph Dorie. Computer Science

Danielle D. Dowding. Civil Engineering

Marlo Lane Dreissigacker, Stowe, Vermont. Engineering, Field: Jennifer Mei-Ling Hara, Honolulu, Hawaii. Mechanical Product Design Engineering Kyle Edward Duarte, Burbank, California. Engineering, Field: Diana Lyn Hernandez, West Covina, California. Civil Product Design Engineering Sean Patrick Duffy. Mechanical Engineering, with Distinction Jonathan Mazur Dyer, San Antonio, Texas. Mechanical Engineering Mark Kainoa Egesdal, Honolulu, Hawaii. Computer Science Katherine Suzanne Ensley, Austin, Texas. Engineering, Field: Product Design Noe Esparza, La Puente, California. Mechanical Engineering Erica Diane Estrada, Pearland, Texas. Mechanical Engineering Christopher Todd Estreich. Computer Science Matthew Jason Falkenhagen, Los Gatos, California. Computer Science Eric Curtis Feeny, Woodside, California. Mechanical Engineering Joshua Tully Feinerman, Issaquah, Washington. Management Science and Engineering Robert Anthony Fernandez, Brawley, California. Chemical Engineering Christian Carl Fesenmaier, Tewksbury, New Jersey. Electrical Engineering Justin Andrew Flatt, Roswell, Georgia. Computer Science Caroline Emily Fluhrer, Seattle, Washington. Civil Engineering Patrick Charles Flynn, Larchmont, New York. Mechanical Engineering John David Fogelsong, Atherton, California. Computer Science, with Distinction Anthony Todd Fojo, Rockville, Maryland. Computer Science, with Distinction Kevin Lee Tadashi Fong, Waipahu, Hawaii. Civil Engineering Patrick Douglass Fowler, Bellevue, Washington. Computer Science Andrew Jessie Fu, Arcadia, California. Mechanical Engineering Eric Lee Furtado, Merced, California. Computer Science Avichal Garg. Computer Science Christopher Simon Gatihi, Antioch, California. Computer Science Adam Jordan Gee, Palo Alto, California. Engineering, Field: Computer Systems Engineering Diana Marron Gentry, Rye, New York. Mechanical Engineering, with Distinction Mitra Ghamsari, Cincinnati, Ohio. Computer Science, with Distinction Farah Giga, La Verne, California. Computer Science, Departmental Honors Program Debra Sterling Glasband. Engineering, Field: Product Design Michelle Rae Goldberg, Mequon, Wisconsin. Mechanical Engineering, with Distinction Yevgeny A. Goldenberg, Tarzana, California. Management Science and Engineering Susan Gov, San Jose, California. Computer Science Shayan K. Guha, Victorville, California. Computer Science Aleksander Gurevich, Los Angeles, California. Management Science and Engineering Alicia Eugenia Gutierrez, Monterey, California. Management Science and Engineering Robert Morgan Halpenny, Redding, California. Engineering, Field: Computer Systems Engineering Nicole Natasha Hammer. Management Science and Engineering Albert Han, Bloomfield Hills, Michigan. Electrical Engineering Nels C. Hansen, Bellingham, Washington. Chemical Engineering Eerik Torm Hantsoo, Owings, Maryland. Mechanical Engineering

Christopher Joel Herrera, Merced, California. Management Science and Engineering Michael Frank Hill, San Diego, California. Mechanical Engineering, with Distinction Katherine Vanessa Hoffman, Overland Park, Kansas. Mechanical Engineering, with Distinction Daniel Wellesley Holbert, Soquel, California. Engineering, Field: Biomedical Computation, with Distinction Christina Hermosillo Holsberry, San Rafael, California. Engineering, Field: Product Design Curtis Jeffrey Hoyt, Aurora, Colorado. Computer Science Tien-Jan Jonathan Hsiang, Pittsford, New York. Computer Science Gina Chia-Ying Hsieh, San Gabriel, California. Management Science and Engineering Albert Hsu, Saratoga, California. Electrical Engineering, with Distinction Tony Huie, Chubbuck, Idaho. Electrical Engineering Daniel A. Jacobs, Boston, Massachusetts. Mechanical Engineering Ankit Kumar Jain, Davis, California. Electrical Engineering Mithulan Jegapragasan, Apple Valley, California. Engineering, Field: Biomechanical Engineering Evonne Leigh Johnson, Pleasant Hill, California. Management Science and Engineering Gerard Adriel Johnson, Houston, Texas. Mechanical Engineering Kenneth William Jones Jr. Computer Science Kenneth McBain Jung, Portola Valley, California. Computer Science Jessie Lue Juusola, Maple Plain, Minnesota. Management Science and Engineering Elkana Chaim Kabaker. Electrical Engineering Howard Chien-Hao Kao, Cypress, California. Computer Science Justin Carl Kao, Rancho Palos Verdes, California. Chemical Engineering, with Distinction Joseph Karam, Paris, France. Computer Science Alexandre F. Karam, France. Electrical Engineering Lori Keala Karns. Mechanical Engineering Ryan Curtis Kaufman, Encino, California. Computer Science David Gregory Kent, Dallas, Texas. Computer Science Samira Amjad Khan, California. Management Science and Engineering Edward K. Kim, Upland, California. Electrical Engineering Gousche Pyungkook Kim. Computer Science Jeremy Michael Kimmel, Roseburg, Oregon. Mechanical Engineering Brooks Sanford Kincaid, Rancho Santa Fe, California. Management Science and Engineering Eugene Michael Kishinevsky, Portland, Oregon. Electrical Engineering Melissa-Claire Naa Adzorkor Klufio, Accra, Ghana. Computer Science Shiyan Koh, Singapore. Engineering Dary Kopelioff, Tarzana, California. Mechanical Engineering, with Distinction Charles Y. Kou. Computer Science Alix Izumi Koyama, Portland, Oregon. Mechanical Engineering Ashvin A. Kumar. Computer Science

Dennis William Kuo, Chatsworth, California. Electrical Engineering, with Distinction Chin Lum Kwa, Singapore. Civil Engineering, with Distinction Huey Leong Kwik, Pleasanton, California. Computer Science Adam Kai Fai Kwok, Hong Kong. Management Science and Engineering Kimberly Nancy Lai, Durham, North Carolina. Management Science and Engineering Emma Kristin Larkins, Annapolis, Maryland. Engineering, Field: Product Design Karen Ho-Yee Law, Palo Alto, California. Mechanical Engineering Christopher Anthony Leach, Boulder, Colorado. Management Science and Engineering Grant Steven Lee, Pleasanton, California. Engineering, Field: **Biomechanical Engineering** Tze Yang Jeremy Lee, Singapore, Singapore. Chemical Engineering Su Fen Lee, Singapore. Electrical Engineering James Roch Lemon II, Fayetteville, Georgia. Management Science and Engineering Joshua Chung Leu. Electrical Engineering and Physics, with Distinction Lise Annique Leveille, Burnaby, Canada. Engineering William Courtland Lewis, Xenia, Ohio. Mechanical Engineering Micah Lewis-Kraus, Watchung, New Jersey. Engineering, Field: Product Design Christopher Thomas Li, Fremont, California. Mechanical Engineering Vincent Ted Liao, Huntington Beach, California. Electrical Engineering Joey Chiu-Wen Liaw, Houston, Texas. Computer Science Elizabeth Leilani Liebert, Honolulu, Hawaii. Engineering, Field: Product Design Michelle Leanne Liechty, Fort Wayne, Indiana. Engineering, Field: Product Design Cher Wee Lim, Singapore, Singapore. Electrical Engineering, with Distinction James Chen-Yu Lin, Bakersfield, California. Management Science and Engineering Christopher Chevih Lin, Los Altos, California. Engineering, Field: Biomedical Computation Matthew C. Liu, Fremont, California. Electrical Engineering Hon Mun Low, Singapore. Electrical Engineering James TM Lu, Palo Alto, California. Chemical Engineering Yi Lu. Electrical Engineering, with Distinction Waynn Lue, San Marino, California. Computer Science, Departmental Honors Program Victoria Li Lung, Hong Kong. Engineering, Field: Biomechanical Engineering, with Distinction Paul David Lytal, Calabasas, California. Mechanical Engineering Michael Lyubomirskiy. Electrical Engineering Ryan William Mack, Riva, Maryland. Engineering, Field: Computer Systems Engineering, with Distinction Nari Salter Mann, Austin, Texas. Computer Science Shalin Subhash Mantri, Chatsworth, California. Computer Science Alexander William Marshall, United Kingdom. Electrical Engineering Jordi Mata-Fink, Ann Arbor, Michigan. Chemical Engineering Kyle Jason Matter, Newhall, California. Management Science and Engineering Hollie Marie Matthews. Mechanical Engineering Michelle Elizabeth McGovern, Sunnyvale, California. Management Science and Engineering

Jessica Joyce McLaughlin, Davis, California. Management Science and Engineering, Interdisciplinary Honors Program in International Security Studies, with Distinction Scott Thomas McLin, Lafayette, California. Management Science and Engineering, with Distinction Collin Alfred Melton, Lafayette, California. Chemical Engineering, Departmental Honors Program, with Distinction Andrew Lee Mesher, Mercer Island, Washington. Engineering Michael Scott Micheletti, San Bruno, California. Computer Science Nathan Martin Mintz, Carmel, California. Materials Science and Engineering Andrew G. Mo, Toronto, Canada. Computer Science Sheetal Rajendra Modi, Saratoga, California. Engineering, Field: Biomedical Computation Joan Jiehui Moh, Singapore. Electrical Engineering, with Distinction Gabriel David Molina, Grass Valley, California. Electrical Engineering Sean Lee Montgomery, Vienna, Virginia. Computer Science Eleanor Duen-i Morgan, Chevy Chase, Maryland. Engineering, Field: Product Design, with Distinction James Lee Muldrow III, Anahuac, Texas. Electrical Engineering and Management Science and Engineering Malcolm Edward Murdock. Mechanical Engineering, Interdisciplinary Honors Program in Humanities Michael James Chiotti Murray, Richland, Washington. Civil Engineering Sushila Murthy, Maple Glen, Pennsylvania. Engineering, Field: Biomedical Computation, Interdisciplinary Honors Program in Feminist Studies, with Distinction Georgia Stevens Neruda, Lincoln, Nebraska. Management Science and Engineering Donielle Nacole Newell, Naperville, Illinois. Biomechanical Engineering Rona Khiang Ching Ng, Singapore, Singapore. Chemical Engineering Teng Yan Ng, Kuala Lumpur, Malaysia. Mechanical Engineering Linda Kim Nguyen, California. Computer Science Michael Lee Norman. Engineering, Field: Product Design Laura Palencia, Oxnard, California. Mechanical Engineering Ravinder Dy Pamnani, Belmont, California. Mechanical Engineering Ashley Edwina Pardun. Mechanical Engineering Manisha D. Parekh, Los Angeles, California. Computer Science Hiten Ramesh Parmar, Euless, Texas. Mechanical Engineering Rocio Parra, El Paso, Texas. Management Science and Engineering John William Trimingham Peattie, Aptos, California. Chemical Engineering Andre Henri Joseph Pech. Computer Science, with Distinction Lily Hao Yi Peng, St. Louis, Missouri. Chemical Engineering, Departmental Honors Program, with Distinction Michael Allan Pereira, Belmont, California. Management Science and Engineering Adam James Peterson, Los Altos, California. Engineering, Field: Product Design Adam Eugeniusz Piotrowski, Oak Park, Illinois. Materials Science and Engineering John H.Y. Poon, Honolulu, Hawaii. Electrical Engineering Brandi Michelle Pretlow, Gardena, California. Management Science and Engineering Adam Lee Prickett, Bellingham, Washington. Mechanical Engineering, with Distinction Nicolas Demetrios Prionas, Menlo Park, California. Engineering, Field: Biomedical Computation

Alfonso Nicholas Pulido, La Jolla, California. Mechanical Chee Hau Tan, Singapore. Computer Science, with Distinction Engineering Evan Daiki Tana, San Francisco, California, Management Jenny Zhan Qiu, Cupertino, California. Computer Science Florin Ratiu, Romania. Computer Science Amy Marie Raymond, Palm Desert, California. Management Science and Engineering Engineering Joshua David Reeves, Greenbrae, California. Electrical Engineering, with Distinction Benjamin Donald Reineman, La Jolla, California. Mechanical Engineering, with Distinction Shawn Philip Ritzenthaler, Worthington, Ohio. Computer Science Sara Rowghani. Engineering, Field: Product Design Afshin Justin Sabet-Peyman, Palos Verdes Estates, California. Electrical Engineering, Interdisciplinary Honors Program in Science, Technology, and Society, with Distinction Elaheh Sadat Sajadi, Sunnyvale, California. Mechanical Engineering Laura Lee Savidge, Honolulu, Hawaii. Electrical Engineering Rajiv Mangubat Sawhney. Computer Science Distinction Joshua Adam Seifert, San Diego, California. Management Science and Engineering Science Wagahta G. Semere, Buffalo, New York. Engineering, Field: Biomechanical Engineering John Joseph Serna. Mechanical Engineering Steven M. Sha, San Francisco, California. Biochemical Engineering, with Distinction Suril Rasesh Shah, Toledo, Ohio. Management Science and Engineering Engineering Samuel Andre Shapero, Louisville, Kentucky. Electrical Engineering Science John Robert Shapiro, Overland Park, Kansas. Computer Science Addison Newcomb Shelton. Mechanical Engineering Jennifer Iting Shen, Diamond Bar, California. Computer Science Clara Chung Shih. Computer Science, Interdisciplinary Honors Program in Science, Technology, and Society, with Distinction Chester Jianbon Shiu, Houston, Texas. Engineering, Field: **Biomedical** Computation Frederick Scott Shook. Mechanical Engineering Science Roshan Shrestha, Kathmandu, Nepal. Chemical Engineering, Departmental Honors Program Dan Joseph Siroker, Palo Alto, California. Computer Science, Engineering Departmental Honors Program Mark Christopher Slee, Schaumburg, Illinois. Computer Science and Mathematics, with Distinction Brandon Scott Smith. Mechanical Engineering Science Jamil Charles Henry Snead, San Diego, California. Mechanical Engineering Dylan Lamar Solomon, San Diego, California. Electrical Engineering Engineering Peter Nyarko Somuah, Accra, Ghana. Management Science and Engineering Jennifer Lynn Spurlock. Computer Science Arieh Michael Steinberg, South Orange, New Jersey. Computer Science, Departmental Honors Program Matthew Stephen Steiner, McAllen, Texas. Computer Science, Departmental Honors Program Kimberly Ashley Strand, Sacramento, California. Management Science and Engineering Henry Su. Electrical Engineering Distinction Robbie Philip Su, Sebastopol, California. Mechanical Engineering, with Distinction Science Myles Damion Sumlin, Vista, California. Electrical Engineering Eric Sun. Computer Science, Departmental Honors Program

Science and Engineering, with Distinction Tee Sing Tang, Singapore. Mechanical Engineering Sedem Yena Kobla Tay-Agbozo, Tema, Ghana. Electrical Yuka Teraguchi. Computer Science Weisong Toh. Mechanical Engineering, with Distinction Kimberly Jean Torrence. Management Science and Engineering, Interdisciplinary Honors Program in Science, Technology, and Society Andy Toung, Northridge, California. Management Science and Engineering, with Distinction Lee Elizabeth Traynham, Valparaiso, Indiana. Civil Engineering Mehul Amrit Trivedi, Dallas, Texas, Electrical Engineering Zachary Carl Tucker, Evergreen, Colorado. Management Science and Engineering Michael Swearingen Turitzin. Computer Science, with Schuyler Daniel Ullman, Paradise Valley, Arizona. Computer Daniel Stephen Valencia. Engineering, Field: Product Design Joseph Ralph Van Valen III. Computer Science David Velez Osorno, Medellin, Colombia. Management Science and Engineering Luis Paul Vendrell, Dundee, Oregon. Mechanical Engineering John Wesley Vinyard VI, Marietta, Georgia. Electrical Andrew Wilson Vogel, Santa Barbara, California. Computer Neal Suresh Vora, San Jose, California. Management Science and Engineering Michael Tianyu Wan, Delmar, New York. Management Science and Engineering Vivian Fu-Ning Wang, Cincinnati, Ohio. Management Science and Engineering, with Distinction Matthew Alexander Wang, Madison, Wisconsin. Computer Ryan Benjamin Ward. Computer Science Cameron Joseph Warren, El Cajon, California. Electrical Daniel Joseph Wendlandt, Appleton, Wisconsin. Computer Science, Departmental Honors Program, with Distinction Sean Tremaine Whalen. Mechanical Engineering Joshua Louis Wiseman, Media, Pennsylvania. Computer Eric Hathaway Woersching, Wellington, Florida. Electrical Justin Walter Worth, Moorpark, California. Computer Science Nancy Wu, Fremont, California. Electrical Engineering Rick Cheng-Chun Yang, Dallas, Texas. Electrical Engineering Christopher Alexander Yap. Electrical Engineering Matthew John Yazzie, Farmington, New Mexico. Management Science and Engineering Everett Yeh, Hong Kong. Mechanical Engineering Ambert Tat-Pun Yeung, Lawrenceville, New Jersey. Mechanical Engineering, Departmental Honors Program Eric Yieh, Sugar Land, Texas. Electrical Engineering, with Gerald Wayne Yu, Foxborough, Massachusetts. Computer

Andy Ming Tai Yung, Hong Kong, People's Republic of China. Management Science and Engineering

Asif Zahir, Dhaka, Bangladesh. Computer Science Jazib Zahir, Lahore, Pakistan. Electrical Engineering Jacob J. Zetley, Milwaukee, Wisconsin. Management Science and Engineering, with Distinction Fan Zhang, Bothell, Washington. Materials Science and

Engineering

Ying Reng Zhang, Newburgh, Indiana. Engineering, Field: Biomechanical Engineering Maurice Henry Zissen, Chula Vista, California. Engineering,

Field: Biomedical Computation Eric Jonathan Zuniga, Chicago, Illinois. Chemical Engineering

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Bachelor of Arts and Science Degrees Conferred September 30, 2004

Chieze Celestine Kenneth Okoye, Los Angeles, California. Computer Science and Japanese

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Bachelor of Arts and Science

Degrees Conferred March 31, 2005 Katherine Irene Chou, San Diego, California. Computer Science and Economics

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Master of Science Degrees Conferred September 30, 2004

John Luther Abrams, Rapid City, South Dakota. Aeronautics and Astronautics Jasmeet Kaur Ahuja, Gold River, California. Management Science and Engineering Aykut Irfan Atali, Ankara, Turkey. Management Science and Engineering Sonja Dorothea Amor Bebber, Bad Homburg, Germany. Management Science and Engineering Maciej Filip Boni, Providence, Rhode Island, Scientific Computing and Computational Mathematics Vassil Georgiev Chatalbashev, San Jose, California. Computer Science Albert Chen, Poughkeepsie, New York. Electrical Engineering Winnie Wing-Yee Cheng. Electrical Engineering Eric Andrew Chin, Moscow, Idaho. Electrical Engineering Heng Chuk, Vancouver, Canada. Electrical Engineering Yung-nun Mark Chung, Sunnyvale, California. Electrical Engineering Kostyantyn Chuyeshov, Kharkov, Ukraine. Scientific Computing and Computational Mathematics Recep Ilhan Coskun, Istanbul, Turkey. Mechanical Engineering Kurt Fredric Ditzel. Electrical Engineering Andrew Theodore DuKatz, Marblehead, Massachusetts. Electrical Engineering Nolan Scott Finch, Lindsay, Oklahoma. Mechanical Engineering Richard Rebert Forberg, Windham, New Hampshire. Management Science and Engineering Gaurav Garg, Gurgaon, India. Electrical Engineering Mohit Garg, New Delhi, India. Electrical Engineering Patrick William Goodwill. Electrical Engineering Unnur Osk Gretarsdottir, Ann Arbor, Michigan. Computer Science Jennifer Charl Harkness. Computer Science Patrick Hermosillo Holsberry. Chemical Engineering Yu Ping Hu. Computer Science Steven Hoi Sang Hui. Electrical Engineering Heather Nicole Hultgen, Ojai, California. Chemical Engineering

Wei Ju, Shanghai, People's Republic of China. Management Science and Engineering David Charles Kenny, Seattle, Washington, Mechanical Engineering Theodore Merrell Kremenek. Computer Science Murali Kumar, Kanpur, India. Computer Science Toru Mark Kuzuhara. Computer Science Noah Carl Lassar, Petaluma, California. Mechanical Engineering Yeon Gyoo Lee, Republic of Korea. Mechanical Engineering Eng Soon Liau, Singapore. Aeronautics and Astronautics Heng Liu, People's Republic of China. Management Science and Engineering Kristen Elise Lutomski, Woodstock, New York. Mechanical Engineering Mingming Mao. Electrical Engineering Anil Samoilenko Menon. Engineering, Field: Biomechanical Engineering Casey Timon Miller, Corvallis, Oregon. Engineering Naomi Morita. Management Science and Engineering Karlam Ng, Hong Kong. Management Science and Engineering John Paul Nguyen, Fountain Valley, California. Chemical Engineering Nicholas James Nidzieko, San Diego, California. Civil and Environmental Engineering Salil Simon Payappilly, Bombay, India. Civil and Environmental Engineering Christopher Richard Pierce. Chemical Engineering Wai Kei Pong, Hong Kong, Hong Kong. Electrical Engineering Amita Pugalia, Oklahoma City, Oklahoma. Management Science and Engineering Wajahat Qadeer, Lahore, Pakistan. Electrical Engineering Rajat Raina, Srinagar, India. Computer Science Gregory Brian Rieker, Lakewood, Colorado. Mechanical Engineering Clovis Schaff, Nancy, France. Computer Science Felipe Octavio Sediles. Aeronautics and Astronautics Jiwon Seo, Busan, Republic of Korea. Aeronautics and Astronautics Christopher Meyer Sewell, El Paso, Texas. Computer Science Gregory Matthew Shaver, Oklahoma City, Oklahoma. Mechanical Engineering Joseph Gary Shermetaro, Sterling Heights, Michigan. Management Science and Engineering Scott Brandon Sims, Spearman, Texas. Aeronautics and Astronautics Nina Singhal. Computer Science Ryan Christopher Sneed, Omaha, Nebraska. Aeronautics and Astronautics Arvind Sundaramurthy, India. Electrical Engineering Katherine Edith Sutton, Urbana, Illinois. Electrical Engineering Upasana Rupkrishan Taku, Surat, India. Management Science and Engineering Salih Onur Uncu, Antalya, Turkey. Management Science and Engineering Patrick Andrew Vinograd. Computer Science Jaime Alexander Williams, Oakland, California. Mechanical Engineering Jennifer Michele Wortman, Boston, Massachusetts. Computer Science David Te-Mao Yeh, San Jose, California. Electrical Engineering Jacob Michael Zahn, Evansville, Indiana. Chemical Engineering Jian Zhang, Shenyang, People's Republic of China. Electrical Engineering

Ling Zhou. Management Science and Engineering

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Master of Science

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Hossein Kakavand. Electrical Engineering Sameh Ahmed Kamel, Los Altos, California. Computer Science Praveen Kankanala, Hobbs, New Mexico. Computer Science Justin Carl Kao, Rancho Palos Verdes, California. Bioengineering Raghav Kapoor. Management Science and Engineering Alexandre F. Karam, France. Electrical Engineering Yoshijiro Gordon Kariya, Bellflower, California. Mechanical Engineering Krishnaram Nannaier Govindaraman Kenthapadi. Computer Science Oren Kerem, Modi'in, Israel. Electrical Engineering Shambhoo Khandelwal. Electrical Engineering Nikun Khoongumjorn, Irvine, California. Computer Science Bokyung Kim. Electrical Engineering Hyun Jin Kim. Mechanical Engineering Hyung Keun Kim. Civil and Environmental Engineering SangBum Kim, Seoul, Republic of Korea. Electrical Engineering Seung Duck Kim. Mechanical Engineering Peter Wilson Kimball, Parker, Colorado, Aeronautics and Astronautics Jennifer Yuriko Kimura, Pearl City, Hawaii. Civil and Environmental Engineering Stephen Danziger Klein, Houston, Texas. Chemical Engineering Nathan Andrew Klejwa. Electrical Engineering Jeffrey Michael Klingner, Austin, Texas. Computer Science Carl William Kloos, Portland, Oregon. Civil and Environmental Engineering Erik Christian Kneer. Civil and Environmental Engineering Jungmin Ko, Stanford, California. Chemical Engineering Michael Sipal Kodiak, Naperville, Illinois. Mechanical Engineering Scott Ira Kohn, Chicago, Illinois. Mechanical Engineering Dimitrios K. Kolios, Athens, Greece. Civil and Environmental Engineering Pui Ying Angel Kong, Hong Kong, Hong Kong, Management Science and Engineering Joseph Clarence Koo, Monterey Park, California. Electrical Engineering Shalini Bhadravathi Krishnamurthy, Bangalore, India. Scientific Computing and Computational Mathematics Ajay Ghanashyam Kshatriya, Bay Area, California. Engineering Brett W. Kuekan, Shrewsbury, Massachusetts. Mechanical Engineering Nicholas Joseph Kuffel, Kennewick, Washington. Civil and Environmental Engineering Ankit Kumar, India. Electrical Engineering Ashish Kumar, Gaya, India. Management Science and Engineering Dhawal Kumar, Gorakhpur, India. Computer Science Neha Kumar. Computer Science Ramesh Kumar, Chennai, India. Scientific Computing and **Computational Mathematics** Jessica Ruey-Shin Kuo, Cheney, Washington. Computer Science Haryanto Kurniawan, Jakarta, Indonesia. Management Science and Engineering Ryoulhee Kwak, Seoul, Republic of Korea. Electrical Engineering Ka Man Lai, Singapore. Management Science and Engineering Felix Fan Lam, Las Vegas, Nevada. Chemical Engineering Ryan Elliott Landfield, Hutchinson Island, Florida. Aeronautics and Astronautics

Christine Anne Larson. Materials Science and Engineering

Christopher Chi Lau, Bakersfield, California. Management Science and Engineering Nelly Puivee Lau, San Francisco, California. Electrical Engineering Christopher Anthony Leach, Boulder, Colorado. Management Science and Engineering Adam Yao-Tsung Lee. Electrical Engineering Amy Lee, Columbia, Maryland. Engineering Christopher Szu-Hao Lee, Crystal Lake, Illinois. Electrical Engineering Gene Yung Lee. Aeronautics and Astronautics Jaekwang Lee, Seoul, Republic of Korea. Electrical Engineering Jiayu Cheryl Lee, Singapore. Management Science and Engineering Joo Hyun Lee, Seoul, Republic of Korea. Mechanical Engineering Kai Katherine Lee, San Jose, California. Mechanical Engineering Kevin Hsien Lee, Singapore. Management Science and Engineering Meredith Marie Lee, San Jose, California. Electrical Engineering Miranda M. Lee, Los Angeles, California. Electrical Engineering Su Fen Lee, Singapore. Management Science and Engineering Sung Woo Lee. Mechanical Engineering Tricia Pei-Chee Lee, Roseville, California. Computer Science Tze Yang Jeremy Lee, Singapore, Singapore. Chemical Engineering Wei Sheng Lee, Singapore. Management Science and Engineering Laurent Alexis Dewhirst Lessard, Toronto, Canada. Aeronautics and Astronautics Kevin Curtis Lew, Danville, California. Civil and Environmental Engineering Colter Pitchstone Leys, Moran, Wyoming. Engineering, Field: Product Design Wayne Kuen Li, Baton Rouge, Louisiana. Engineering, Field: Product Design Tzu-Ping Liao. Civil and Environmental Engineering Martin Tom Lichtman, New York, New York. Aeronautics and Astronautics Christopher Philip Lilgeberg. Aeronautics and Astronautics Cher Wee Lim, Singapore, Singapore. Electrical Engineering Daniel Zhen Wei Lim, Singapore. Management Science and Engineering Yen-Ting Lin, Taiwan. Management Science and Engineering Weiliang Ian Lin, Singapore. Management Science and Engineering David Victor Liu, Hillsborough, California. Chemical Engineering Wei Ting Liu, Taipei, Taiwan. Management Science and Engineering Kevin Lo. Engineering Elisa Frances Long, Fridley, Minnesota. Management Science and Engineering Andrew Lookingbill, Pinetop, Arizona. Electrical Engineering Hon Mun Low, Singapore. Electrical Engineering James TM Lu, Palo Alto, California. Chemical Engineering Yin Lu. Management Science and Engineering Yi Lu. Electrical Engineering Kim Diana Nguyen Ly, Huntington Beach, California. Computer Science Ligian Ma. Management Science and Engineering Junbin Jason Ma. Management Science and Engineering Ryan William Mack, Riva, Maryland. Computer Science Adrian Kai Chung Mak, Chatsworth, California. Management Science and Engineering Maria Olegovna Makarova. Electrical Engineering Varun Sagar Malhotra. Electrical Engineering

Surag Subhash Mantri, Chatsworth, California. Bioengineering Michael Paul Marquez, Key West, Florida. Electrical Engineering Julie Nico Martin, Pleasanton, California. Civil and Environmental Engineering Oscar Megh Mascarenhas. Management Science and Engineering Themistoklis Mastorides. Electrical Engineering Satoshi Matsuki, Tokyo, Japan. Civil and Environmental Engineering Tejas Nishith Mazmudar, India. Engineering Ryan Michael McDonell, Laguna Niguel, California. Mechanical Engineering Paul Joseph McMurdie II, Tempe, Arizona. Civil and Environmental Engineering Dale Hartman Meck, Broomfield, Colorado. Civil and Environmental Engineering Saumil Sunil Mehta, Nasik, India. Computer Science Nirav Bipinchandra Mehta, Mumbai, India. Computer Science Maradi Mer, Lakewood, California. Management Science and Engineering Christina Mester, Schwalbach, Germany. Aeronautics and Astronautics Jeffrey Lawrence Michels, Los Angeles, California. Computer Science Andrew Richard Miller, Danville, Virginia. Management Science and Engineering Christopher Frederick Milne, Kingston, Canada. Mechanical Engineering Raymond Marvin Miraflor, Arleta, California. Management Science and Engineering Alexandre Georges Mirailles, Paris, France. Mechanical Engineering Danilo Mirkovic, Tivat, Yugoslavia. Computer Science Ashish Sudhir Mitra. Mechanical Engineering Joan Jiehui Moh, Singapore. Electrical Engineering Su-Yin Nicola Mok, Singapore, Singapore. Management Science and Engineering Mohamad Mourtada, Beirut, Lebanon. Civil and Environmental Engineering Eric Richard Mueller, San Francisco, California. Aeronautics and Astronautics Sonil Sapan Mukherjee, Plymouth, Minnesota. Computer Science Yun Chung Na. Electrical Engineering Shubha Umesh Nabar. Computer Science Julian Joseph Nahan. Civil and Environmental Engineering Masafumi Nakamura, Japan. Mechanical Engineering Seema Naswa, Delhi, India. Electrical Engineering Dahlia Spiegel Naveh, New York, New York. Civil and Environmental Engineering Tommy L. Newell. Management Science and Engineering Gon Yee Ng, San Francisco, California. Electrical Engineering Si Jing Ng, Singapore. Aeronautics and Astronautics Yanling Emmeline Ng. Electrical Engineering Hyunwoo Nho, Daejeon, Republic of Korea. Electrical Engineering Douglas James Nicolson. Computer Science Christian William Nilsen, Sequim, Washington. Civil and Environmental Engineering Michael Scott O'Banion. Aeronautics and Astronautics Isabel Padien O'Meara. Engineering, Field: Product Design Brian Bernardo Ochoa. Mechanical Engineering Chee Ken Ooi, Singapore. Aeronautics and Astronautics

Li Yuan Linda Pan. Electrical Engineering Rahul Pande. Computer Science Mario Parente, Napoli, Italy. Electrical Engineering Chunki Park. Aeronautics and Astronautics Ji Young Park, Republic of Korea. Electrical Engineering Joon Seok Park. Materials Science and Engineering Julie Hyun-Joo Park. Management Science and Engineering Sangwook Park, Daegu, Republic of Korea. Mechanical Engineering Tae Young Park. Electrical Engineering Yong-Lae Park, Daegu, Republic of Korea. Mechanical Engineering Rachel Reina Parke-Houben, Palo Alto, California. Chemical Engineering James Frederick Parle, Quail Valley, California. Mechanical Engineering Kayur Patel, Monroe, North Carolina. Computer Science Mayank Sudhir Patel, McDonough, Georgia. Aeronautics and Astronautics Steven Ronald Patton, Half Moon Bay, California. Civil and Environmental Engineering Samuel Mark Pearlman, Millburn, New Jersey. Computer Science John Dunagan Pearson, Menlo Park, California. Mechanical Engineering Yi Han Peh, Singapore. Management Science and Engineering Hsueh Lee Peh, Singapore, Singapore. Management Science and Engineering Samuel Peter Albert Peterson, Chicago, Illinois. Electrical Engineering Allison Jill Pieja, Berkeley Heights, New Jersey. Civil and Environmental Engineering Mischa A. Pollack, Westlake Village, California. Aeronautics and Astronautics Andrew Yik Quin Poon. Electrical Engineering Benjamin Taylor Porter II, Laguna Niguel, California. Civil and Environmental Engineering Jason Louis Portnoy, Hillsborough, New Jersey. Management Science and Engineering Gabriel Ashley Post, Shakopee, Minnesota. Engineering, Field: Product Design Jeffrey Scott Powell, Edwardsville, Illinois. Civil and Environmental Engineering Keith A. Primdahl. Computer Science Zhichun Pu, Rockville, Maryland. Electrical Engineering Alfonso Nicholas Pulido, La Jolla, California. Mechanical Engineering Roderick Purwana, Jakarta, Indonesia. Management Science and Engineering Sameer Qureshi, Karachi, Pakistan. Computer Science Mohammed Irfan Rafig, Karachi, Pakistan. Computer Science Gary James Raichart, Roanoke, Indiana. Management Science and Engineering Haripriya Rajagopal. Computer Science Meena Ramachandran, Holmdel, New Jersey. Electrical Engineering Rekha Rajaram, India. Electrical Engineering Arthur Seiji Daniel Rallu. Mechanical Engineering Carlos Marcelo Ramirez, Vancouver, Canada. Civil and Environmental Engineering Mevan Kumar Ranasinghe, Colombo, Sri Lanka. Electrical Engineering Nisheeth Ranjan, New Delhi, India. Computer Science Astronautics Borislav Antonov Ratchev. Management Science and Engineering

Melvin Clifford Redeker II, Champaign, Illinois. Management Science and Engineering Nicholas William Reeck. Mechanical Engineering Meredith Lyn Resnick, Alamo, California. Civil and Environmental Engineering Aujin Rew. Civil and Environmental Engineering Duncan Andrew Riach. Electrical Engineering Mark Edward Roberts, Kalispell, Montana. Chemical Engineering Joshua John Rodriguez. Mechanical Engineering Nina Maria Rodriguez, Miami, Florida. Civil and Environmental Engineering Edward Taylor Rorer. Mechanical Engineering Jeffrey Jacob Rosenfeld, Gaithersburg, Maryland. Civil and Environmental Engineering Hoon Ryu, Seoul, Republic of Korea. Electrical Engineering Anand Harish Sadhwani, Houston, Texas. Mechanical Engineering Norma Angelica Sagrero. Civil and Environmental Engineering Aakash Sahai. Electrical Engineering Suresh Srinivas Sainath. Mechanical Engineering Antoine Seiji Saint-Marcoux, Paris, France. Electrical Engineering Michael Salomon, Fontenay le Fleury, France. Aeronautics and Astronautics Nayana Samaranayake, Colombo, Sri Lanka. Computer Science Prema Sampath, Pasadena, California. Management Science and Engineering Ali Fatih Sarioglu, Eskisehir, Turkey. Electrical Engineering James Lee Schroeder Jr., Wilmette, Illinois. Bioengineering Juan Jose Sepulveda, Tucson, Arizona. Computer Science Damien Patrick Bertil Seroux, Neuilly sur Seine, France. Electrical Engineering Jason Adorador Sese. Materials Science and Engineering Jung Jae Seu. Computer Science Sanjay Priyavadan Shah, Chicago, Illinois. Management Science and Engineering Parikshit Mayank Shah, Mumbai, India. Electrical Engineering Maria Meijia Shi, Cherry Hill, New Jersey. Management Science and Engineering Clara Chung Shih. Computer Science Dong Jun Shin, Seoul, Republic of Korea. Mechanical Engineering Hocheol Shin, Seoul, Republic of Korea. Electrical Engineering Hyung Sik Shin, Seoul, Republic of Korea. Electrical Engineering Minyong Shin. Aeronautics and Astronautics Hiroaki Shirakawa, Yamaguchi-shi, Japan. Materials Science and Engineering Kanishka Shrivastava, New Delhi, India. Computer Science Mary Ann Shuller, Choctaw, Oklahoma. Materials Science and Engineering Shahnewaz Siddique. Scientific Computing and Computational Mathematics Daniel Arthur Simms, Sunnyvale, California. Electrical Engineering John Osborne Simpson. Civil and Environmental Engineering Gurjeet Singh, New Delhi, India. Scientific Computing and **Computational Mathematics** Rion Langley Snow, Kirkland, Washington. Computer Science Han Ho Song, Seoul, Republic of Korea. Mechanical Engineering Ryan Lenard Spalding, Palatine, Illinois. Aeronautics and

Venkat Narayan Srinivasan. Materials Science and Engineering Keith Russell Stewart. Management Science and Engineering Charles Clark Stockman, Baltimore, Maryland. Computer Science Kent Jiunn-Lin Su, Madison, New Jersey. Management Science and Engineering Pei-Chen Su, Taipei, Taiwan. Mechanical Engineering Sujey Subramanian, Hong Kong. Management Science and Engineering Uygar Sumbul, Turkey. Electrical Engineering Christopher Chia-chun Sun, Atherton, California. Electrical Engineering Mukund Sundararajan. Computer Science Pankaj Pandurang Sunkeri, Pune, India. Mechanical Engineering Bretton Mark Swope, Damascus, Maryland. Mechanical Engineering Farah Taha. Civil and Environmental Engineering Chee Hau Tan, Singapore. Computer Science Hua Tang. Electrical Engineering Junyuan Tan, Singapore. Management Science and Engineering Justin Hong-jie Tan, Los Altos Hills, California. Electrical Engineering Soo Yuen Tan, Melaka, Malaysia. Electrical Engineering Tee Sing Tang, Singapore. Management Science and Engineering Tsun En Tan, Singapore. Bioengineering Suzenne Margareth Tee Tang, Philippines. Civil and Environmental Engineering Ryan Y. Tang, San Francisco, California. Management Science and Engineering Jein Nern Tay. Management Science and Engineering Cody Morgan Taylor, Redding, California. Engineering Joshua Richard Taylor. Computer Science Wei Yoong Nigel Teo, Singapore. Management Science and Engineering Xin Zhi Teo. Management Science and Engineering Fu Wah Ting. Management Science and Engineering Hendra Tjahayadi, Jakarta, Indonesia. Computer Science Andy Toung, Northridge, California. Management Science and Engineering Salomon Joseph Trujillo, Redding, California. Mechanical Engineering Eric Shun Tsai, St. Paul, Minnesota. Civil and Environmental Engineering Min-Hsuan Tsai, Taipei, Taiwan. Management Science and Engineering Ray HoSan Tsang, Hong Kong, People's Republic of China. Electrical Engineering Adeline Hsiu Li Tung, Singapore. Mechanical Engineering Neal David Turbow, Jacksonville, Florida. Civil and **Environmental Engineering** Michael Swearingen Turitzin. Computer Science Samuel Ernst Tyre, Temple City, California. Engineering, Field: Construction and Engineering Management Daniel Woodford Urban, Mission Viejo, California. Aeronautics and Astronautics Nithya Vaduganathan, Bellaire, Texas. Management Science and Engineering Arthur Alexius Van Benthem, Amsterdam, Netherlands. Management Science and Engineering Dean Alan VanderLey, Tacoma, Washington. Civil and Environmental Engineering David Prakash Varodayan, Sydney, Australia. Electrical Engineering

Abhinand Christof Joseph Vase, India. Engineering, Field: Biomechanical Engineering Serguei Vassilvitskii. Computer Science Christopher Randall Via. Civil and Environmental Engineering Kyle Steven Viau, Palo Alto, California. Electrical Engineering Amar Ravindra Wadhawan, Ahmedabad, India. Civil and Environmental Engineering Gauhar Wadhera, New Delhi, India. Computer Science Fan Wang. Electrical Engineering Zubin Wang. Computer Science Sewook Wee. Electrical Engineering Leon Wei, Cupertino, California. Management Science and Engineering Christopher Robert Weinberger. Mechanical Engineering Sean Tremaine Whalen. Management Science and Engineering Daniel Wichs, Brooklyn, New York. Computer Science Daniel Frederick Wile, Meridian, Mississippi. Mechanical Engineering Zachary Michael Wilson. Civil and Environmental Engineering Nicholas James Wobbrock. Civil and Environmental Engineering Eric Hathaway Woersching, Wellington, Florida. Electrical Engineering Matthew Todd Wolfram. Civil and Environmental Engineering Wai Kean Wallace Wong. Management Science and Engineering Saul Wong-Redondo, Monterrey, Mexico. Computer Science Raymond Woo, Libertyville, Illinois. Electrical Engineering John Gardiner Woody, Rancho Santa Fe, California. Engineering Hochong Holden Wu. Electrical Engineering Hsin-I Wu. Civil and Environmental Engineering Ning Wu, Beijing, People's Republic of China. Electrical Engineering Tian Yee Wu, Singapore. Electrical Engineering William David Wu, Vallejo, California. Electrical Engineering Xiaofang Wu. Management Science and Engineering Oded Wurman, Palo Alto, California. Computer Science Keenan Alexander Wyrobek. Mechanical Engineering Ning Xu, Xing Tai, People's Republic of China. Management Science and Engineering Geyuan Marcel Xu, Singapore. Management Science and Engineering Jiang Xuan, Hefei, People's Republic of China. Computer Science Raghu Yabaluri, Hyderabad, India. Electrical Engineering Liu Yang, San Diego, California. Management Science and Engineering David Chang An Yee, Honolulu, Hawaii. Civil and Environmental Engineering Michael Chang Kuang Yee, Honolulu, Hawaii. Civil and Environmental Engineering Shu-ping Yeh, Taipei, Taiwan. Electrical Engineering **Gareth Seng Thai Yeo**. Electrical Engineering Yaw Shin Yeo, Singapore. Management Science and Engineering Yen Chen Yeo, Singapore. Materials Science and Engineering Yi Lin Yeo. Management Science and Engineering Eric Yieh, Sugar Land, Texas. Electrical Engineering Ho Cheung Ernest Yip, Hong Kong, Hong Kong, Management Science and Engineering Yong Jin Yoon, Seoul, Republic of Korea. Mechanical Engineering James Jacob Yu, Longmont, Colorado. Electrical Engineering Mark Joseph Zavislak, Burr Ridge, Illinois. Computer Science Ricardo Johann Zednik. Materials Science and Engineering

Lei Zhang, Beijing, People's Republic of China. Computer Science

Weihan Zhang, Singapore. Management Science and Engineering

Zhe Zhang. Management Science and Engineering

Zhonghua Zhang, Harbin, People's Republic of China. Civil and Environmental Engineering

Zixiao Zhang, SanMing, People's Republic of China. Civil and Environmental Engineering

Minli Zhu, Wuhan, People's Republic of China. Scientific Computing and Computational Mathematics

Qin Zhuang. Computer Science

Wei Zhuang. Management Science and Engineering Molly Ann Ziergiebel. Civil and Environmental Engineering Alan H. Zorn, Harvey Cedars, New Jersey. Aeronautics and Astronautics

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Engineer Degrees Conferred September 30, 2004

Srikanth Arekapudi, Sunnyvale, California. Electrical Engineering Tetsuhiro Hatogai, Japan. Electrical Engineering, Thesis Title: Patterning Functional Material Using Molecular Transfer Lithography Nikhil Chandru Jagtiani, Mumbai, India. Electrical Engineering

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Engineer Degrees Conferred January 6, 2005

Brett Alan Allard, Las Animas, Colorado. Aeronautics and Astronautics

Ryan James Orr, Terrace, Canada. Civil and Environmental Engineering, Thesis Title: Does Cultural Distance Matter? A Large-N Study of Global Partner Satisfaction in the High Tech Industry

Pradeep Ramani, Chennai, India. Electrical Engineering Han-Tai Shiao, Taipei City, Taiwan. Aeronautics and Astronautics, Thesis Title: Using the Internet as a Secondary Broadcast of Data from the Wide Area Augmentation System

\$

Engineer

Degrees Conferred March 31, 2005

Rafael J. Betancourt-Zamora, San Juan, Puerto Rico. Electrical Engineering

Jeannine Kay Larabee, Cupertino, California. Civil and Environmental Engineering

Payman Hosseinzadeh Shanjani. Electrical Engineering Senthil Arun Govindasamy Singaravelu, Coimbatore, India. Mechanical Engineering

Rutuparna Ramesh Tamhankar. Electrical Engineering

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Engineer

Degree Candidates, June 12, 2005

Rodrigo Diaz Mendez, Spain. Civil and Environmental Engineering

Ngin-Choo Lim, Singapore, Singapore. Electrical Engineering Gustavo Enrique Ulffe Whu, Lima, Peru. Electrical Engineering Somroj Vanichvatana. Civil and Environmental Engineering

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Doctor of Philosophy Degrees Conferred September 30, 2004

Husam Saad Abu-Haimed, Dhahran, Saudi Arabia. Electrical Engineering, Dissertation Title: Automatic Generation of Invariants in Formal Verification of Microprocessors and Memory Systems

Ali Reza Alemozafar, Stanford, California. Chemical Engineering, Dissertation Title: Topographic Nanorestructuring: Structural and Morphological Changes Accompanying Reaction on the Single Crystal Surfaces of Silver, Copper and Nickel

Arash Altoontash, Tehran, Iran. Civil and Environmental Engineering, Dissertation Title: Simulation and damage models for performance assessment of reinforced concrete beam-column joints Fu-Tai An, Taipei, Taiwan. Electrical Engineering, Dissertation Title: The Novel Modulation Format Design and the Next Generation Optical Access Networks

Jay William Anseth. Chemical Engineering, Dissertation Title: Effects of Particulates on Interfacial Rheology

Nicolas Eugene Antoine, Washington, District of Columbia. Aeronautics and Astronautics, Dissertation Title: Aircraft Optimization for Minimal Environmental Impact

Mehmet Serkan Apaydin, Antakya, Turkey. Electrical Engineering, Dissertation Title: Stochastic Roadmap Simulation: An Efficient Representation and Algorithm Analyzing Molecular Motion

Blake Miller Ashby, West Jordan, Utah. Mechanical Engineering, Dissertation Title: Coordination of Upper and Lower Limbs in the Standing Long Jump: Kinematics, Dynamics, and Optimal Control

Sean Ashley Bailey, Summerville, South Carolina. Mechanical Engineering, Dissertation Title: *Biomimetic Control with a Feedback Coupled Nonlinear Oscillator*

Neal Kepler Bangerter, Danville, California. Electrical Engineering, Dissertation Title: Contrast Enhancement and Artifact Reduction in Steady-state Magnetic Resonance Imaging Richard Ronald Barto, Cupertino, California. Materials Science and Engineering, Dissertation Title: Optical Absorption Behavior in Nonlinear Optical Polymers for Electro-Optic Waveguide Applications

Jose Humberto Blanchet Mancilla, Oaxaca, Mexico. Management Science and Engineering, Dissertation Title: Limit Theorems and Approximations in Insurance Risk and Queueing Theory

Silvia Salinas Blemker, Lawrence, Kansas. Mechanical Engineering, Dissertation Title: 3D Modeling of Complex Muscle Architecture and Geometry

Michael Brudno. Computer Science, Dissertation Title: Algorithms for Comparison of DNA Sequences

Stephen Thomas Bryson, Corte Madera, California. Scientific Computing and Computational Mathematics, Dissertation Title: Central Schemes for Hamilton-Jacobi Equations and Balance Laws Sasa Buvac. Computer Science, Dissertation Title: Modality in the Ways of Context

Fotini Katopodes Chow, Ann Arbor, Michigan. Civil and Environmental Engineering, Dissertation Title: Subfilter scale turbulence modeling for large-eddy simulation of the atmospheric boundary layer over complex terrain

Chi On Chui. Electrical Engineering

Jonathan Edward Clark, Springfield, Virginia. Mechanical Engineering, Dissertation Title: *Design, Simulation, and Stability* of a Hexapedal Running Robot

Ankur Mohan Crawford, Williamsvile, New York. Materials Science and Engineering, Dissertation Title: Integrated Inductors with Magnetic Materials Hilmi Volkan Demir, Ankara, Turkey. Electrical Engineering, Dissertation Title: Multifunctional Photonic Switches

Azita Emami-Neyestanak, Tehran, Iran. Electrical Engineering, Dissertation Title: High Speed CMOS Receiver Design for Optical Interconnects

Jie Gao, Hengshui, People's Republic of China. Computer Science, Dissertation Title: *Hierarchical Data Structures for Mobile Networks*

Jose Carlos Garcia Franco, Tampico, Mexico. Management Science and Engineering

John Thomas Herbon, Goshen, Indiana. Mechanical Engineering, Dissertation Title: Shock Tube Measurements of $CH_{g}+O_{2}$ Kinetics and the Heat of Formation of the OH Radical

Timothy Kayne Holliday, Bainbridge Island, Washington. Management Science and Engineering, Dissertation Title: Cross Layer Design of Wireless Networks

Jeremy Aaron Horwitz. Computer Science, Dissertation Title: Applications of Cayley Graphs, Bilinearity, and Higher-Order Residues to Cryptology

Gokhan Inalhan, Istanbul, Turkey. Aeronautics and Astronautics, Minor: Engineer-Economic Systems & Operations Research, Dissertation Title: *Decentralized Optimization Across Independent Decision Makers with Incomplete Models*

Jaejune Jang. Electrical Engineering, Dissertation Title: Small-Signal Modeling of RF CMOS

Victoria Chou Jew, Fremont, California. Materials Science and Engineering, Dissertation Title: *Mechanical and Fracture Behavior of Calcium Phosphate Cements*

Nihar Jindal, Danville, California. Electrical Engineering, Dissertation Title: Multi-User Communication Systems: Capacity, Duality, and Cooperation

Nitsara Karoonuthaisiri, Nakhonsawan, Thailand. Chemical Engineering, Dissertation Title: Improving Antibiotic Production in Streptomyces coelicolor

SoYoung Kim. Electrical Engineering, Dissertation Title: Modeling and Screening On-Chip Interconnect Inductance

Tamar Rachel Kolodny. Computer Science, Dissertation Title: Modeling and Comparing Protein Structures

Pawan Kumar, Kota, India. Chemical Engineering, Dissertation Title: Protein-Protein Interactions in Biosynthesis of Complex Polyketides

Cloria Ting Ting Lau, Hong Kong. Civil and Environmental Engineering, Minor: Computer Science, Dissertation Title: A Comparative Analysis Framework for Semi-Structured Documents, with Applications to Government Regulations

Horng-Wen Lee, Taiwan. Electrical Engineering, Dissertation Title: Self-Regulated Position Estimation for Low-Power GPS Receivers

Isaac Chung-Yung Lee, Santa Rosa, California. Chemical Engineering, Dissertation Title: Interfacial Structure and Dynamics of Complex Amphiphiles

Jin Hyung Lee, Seoul, Republic of Korea. Electrical Engineering, Dissertation Title: *Image Acquisition and Reconstruction Methods* for Fast Magnetic Resonance Imaging

Qi Li, Wuhan, People's Republic of China. Management Science and Engineering, Dissertation Title: Essays on Asset Pricing, Consumption and Wealth

Itay Lotan, Tel-Aviv, Israel. Computer Science, Dissertation Title: Algorithms exploiting the chain structure of proteins

Holly Susanne Lutze, Fayetteville, Arkansas. Management Science and Engineering, Dissertation Title: *Mitigating Supply Chain Risk: Pooling, Contracting, and Supplier Selection* **Bradley Thomas Mallison**, Hendersonville, Tennessee. Scientific Computing and Computational Mathematics, Dissertation Title: *Streamline-Based Simulation of Two-Phase, Multicomponent Flow in Porous Media*

Gurmeet Singh Manku, New Delhi, India. Computer Science, Dissertation Title: *Dipsea: A Modular Distributed Hash Table* **Kyunghoon Min**. Materials Science and Engineering,

Dissertation Title: Tantalum Oxide Thin Films for High-k Dielectric Applications: Crystallization, Anisotropy and Three Dimensional Imaging

Prasenjit Mitra, State College, Pennsylvania. Electrical Engineering, Dissertation Title: An Algebraic Framework for the Composition of Ontologies

Hichan Moon, Republic of Korea. Electrical Engineering, Dissertation Title: Efficient Power Allocation for Coded OFDM Systems Jeffrey Christian Munro, Leesburg, Virginia. Chemical Engineering, Dissertation Title: In Situ Formation and

Characterization of Polymer-Supported Lipid Bilayers

Jeffrey Thomas Oplinger, Niskayuna, New York. Electrical Engineering, Dissertation Title: Enhancing Software Reliability with Speculative Threads

Jan Benjamin Pietzsch, Karlsruhe, Federal Republic of Germany. Management Science and Engineering, Dissertation Title: Early Technology Assessment of New Medical Devices and Procedures

Karen Arman Pivazyan, Palo Alto, California. Management Science and Engineering, Dissertation Title: *Decision Making in Multi-Agent Systems*

Ryan Walter Porter, Kansas City, Missouri. Computer Science, Dissertation Title: Contributions to Game-Theoretic Aspects of Multi-Agent Systems

Jiang Ru, Xining, People's Republic of China. Civil and Environmental Engineering, Dissertation Title: Environmental NGOs in China: The Interplay of State Controls, Agency Interests, and NGO Strategies

Daniel Benjamin Russakoff, Birmingham, Alabama. Computer Science, Dissertation Title: Intensity-Based 2D-3D Medical Image Registration

Guglielmo Scovazzi, Torino (Turin), Italy. Mechanical Engineering, Dissertation Title: *Multiscale Methods in Science* and Engineering

Eran Azriel Segal, Tel-Aviv, Israel. Computer Science, Minor: Genetics, Dissertation Title: *Rich Probabilistic Models for Genomic Data*

Rachel Dora Simons, Berkeley, California. Civil and Environmental Engineering, Dissertation Title: Circulation and Zooplankton Retention in the Estuarine Transition Zone of the St. Lawrence Estuary

David Robertson Walker. Electrical Engineering, Dissertation Title: Molecular Modulation for Ultrashort Pulse Generation

Mark Andrew Wilkinson, Sunnyvale, California. Industrial Engineering, Dissertation Title: Collaboration in Decentralized Supply Chains

Zhongmin Xiong, Nanjing, People's Republic of China. Mechanical Engineering, Dissertation Title: Stagnation Point Flow and Heat Transfer Under Free-Stream Turbulence

Scott Sze Hong Yam, Hong Kong. Electrical Engineering, Dissertation Title: Fibers and Fiber Devices for Next Generation Optical Networks

Beverly Yang. Computer Science, Dissertation Title: Resource Discovery in Peer-to-Peer Systems

Kevin Cherng-Kai Yu, Pensacola, Florida. Electrical Engineering

Kyoungsik Yu, Incheon, Republic of Korea. Electrical Engineering, Dissertation Title: Optical signal processing with MEMS technology: Applications in optical communication systems James Francis Zawada, Munster, Indiana. Chemical Engineering, Dissertation Title: Scale-Up, Optimization, and Analysis of

Escherichia coli Extracts for Cell-Free Protein Synthesis Jiawei Zhang, LinShui, People's Republic of China. Management

Science and Engineering, Dissertation Title: Approximation Algorithms for Facility Location Problems

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Doctor of Philosophy Degrees Conferred January 6, 2005

Ruslan Belikov. Electrical Engineering, Dissertation Title: Programmable Optical Wavelength Filters Based on Diffraction from MEMS Micromirror Arrays

Gandharv Bhatara. Chemical Engineering, Dissertation Title: A computational study of the interfacial dynamics of free surface viscoelastic displacement flows

Daniel Joseph Bodony, Fishers, Indiana. Aeronautics and Astronautics, Dissertation Title: Aeroacoustic Prediction of Turbulent Free Shear Flows

Victor Manuel Calo, Avellaneda, Argentina. Civil and Environmental Engineering, Dissertation Title: Residual-based multiscale turbulence modeling: Finite-volume simulations of bypass transition

Lawrence Pin-Chih Chao, Portage, Michigan. Mechanical Engineering, Dissertation Title: *Design Process Error-Proofing* Ching-Hsiang Cheng, Taipei, Taiwan. Electrical Engineering, Dissertation Title: *Electrical Through-Wafer Interconnects for Integrated Sensors and Actuators*

Jinxing Cheng, Xiaogan, People's Republic of China. Civil and Environmental Engineering, Minor: Computer Science, Dissertation Title: A Simulation Access Language and Framework with Applications to Project Management

Dae-Han Choi, Seoul, Republic of Korea. Materials Science and Engineering, Dissertation Title: Dynamic Mechanical Properties of Metal Thin Films on Silicon Substrates-Anelasticity, Damping and Internal Friction

Shang-Tse Chuang, Anaheim Hills, California. Electrical Engineering, Dissertation Title: *Providing Performance Guarantees With Crossbar-Based Routers*

Kevin Michael Coakley, New Providence, New Jersey. Materials Science and Engineering, Dissertation Title: *Photovoltaic* cells made from conjugated polymers infiltrated into ordered nanoporous hosts

Alexis Guillaume Collomb. Management Science and Engineering, Dissertation Title: Dynamic Asset Allocation by Stochastic Programming Methods

James William Cutler. Electrical Engineering Neil Kumar Daswani, Edison, New Jersey. Computer Science, Dissertation Title: Denial-of-Service (DoS) Attacks and Commerce Infrastructure in Peer to-Peer (P2P) Networks

Jon C. Dattorro. Electrical Engineering, Dissertation Title: Convex Exploration

Utkan Demirci, Istanbul, Turkey. Electrical Engineering, Dissertation Title: Acoustically Generated Picoliter Droplets Using 2-D Micromachined Microdroplet Ejector Arrays for Applications in Semiconductor Manufacturing

Volker Wilhelm Elling, Warendorf, Germany. Scientific Computing and Computational Mathematics, Dissertation Title: A Lax-Wendroff type theorem for unstructured grids

Kevin Christianson Gilbert, Boulder, Colorado. Electrical Engineering, Dissertation Title: A Micromachined Amplifier Utilizing Electron Tunneling Michael Charles Grant. Electrical Engineering, Dissertation Title: Disciplined Convex Programming

Eric Paul Guyer, Hancock, Iowa. Materials Science and Engineering, Dissertation Title: *Effect of Aqueous Solution Chemistry on the Fracture of Nanoporous Thin-Films*

David Lawrence Heine, Mountain View, California. Electrical Engineering, Dissertation Title: *Static Memory Leak Detection* Jill Startzell Higginson. Mechanical Engineering, Dissertation

Title: Analysis of muscle coordination during slow and post-stroke hemiparetic gait using simulation

John Ming-Jey Hsu, Fremont, California. Aeronautics and Astronautics, Dissertation Title: An Implicit Explicit Hybrid Scheme for Solving Complex Unsteady Flows

Shih-Tse Hu, Taipei, Taiwan. Electrical Engineering, Dissertation Title: Toward Multi-Terabit Optical Fiber Communications

Wontae Hwang. Mechanical Engineering, Dissertation Title: Modification of Homogeneous and Isotropic Turbulence by Solid Particles

Nabeel Robert Ibrahim, West Lafayette, Indiana. Electrical Engineering, Dissertation Title: Dopant deactivation and diffusion in silicon in the presence of metal silicides

Michael Christopher Jewett, Vincennes, Indiana. Chemical Engineering, Dissertation Title: *The Impact of Cytoplasmic Mimicry on Cell-Free Biology*

Kerstin Birgitta Johnsson, Damascus, Maryland. Electrical Engineering, Dissertation Title: Quality of Service Scheduling for Heterogeneous Data Services on Wireless Systems

Soong Moon Kang. Management Science and Engineering

Abtin Keshavarzian. Electrical Engineering, Dissertation Title: Practical Energy-Efficient Algorithms for Wireless Sensor Network

Robert Carter Kunz, Leesburg, Virginia. Electrical Engineering, Dissertation Title: Performance Bottlenecks on Large-Scale Shared-Memory Multiprocessors

Wang Chee Lam, San Jose, California. Computer Science, Dissertation Title: Multicast Data Dissemination

Gregory Michael Laskowski, Grosse Ile, Michigan. Aeronautics and Astronautics, Dissertation Title: Inverse Design of a Turbine Cascade Passage and DNS of a Stationary and Rotating Serpentine Passage

Alan Lee. Materials Science and Engineering, Dissertation Title: Stress induced delamination methods for the study of Pt adhesion on Si

Bin Lee, Lanzhou, People's Republic of China. Electrical Engineering, Dissertation Title: *Binder MIMO Channels* Jungwon Lee. Electrical Engineering, Dissertation Title: *Rate and Power Allocation for Multi-User Multi-Carrier*

Communication Systems Ofer Levi, Jerusalem, Israel. Scientific Computing and Computational Mathematics, Dissertation Title: Multiscale Geometric Analysis of Three-Dimensional Data Sets Sotirios Limotyrakis, Nea Smyrni, Greece. Electrical Engineering, Dissertation Title: Power-Efficient Broadband A/D

Conversion Benjamin Chan-Bin Ling. Computer Science, Dissertation Title: Manageability as a First Class Objective in Enterprise State Stores Jonathan Teng-Chieh Liu, Honolulu, Hawaii. Mechanical Engineering, Dissertation Title: Near Infrared Diode Laser Absorption Diagnostics for Temperature and Species in Engines

Vincenzo Lordi, Parsippany, New Jersey. Materials Science and Engineering, Dissertation Title: Band-Edge Optical Properties of GaInNAs(Sb) And The Relation To Atomic Structure

Yi-Chang Lu, Taipei, Taiwan. Electrical Engineering, Dissertation Title: Digital Noise Emulator for Characterization of Phase-locked-loop Systems Exposed to Substrate Noise Alison Lesley Marsden. Mechanical Engineering, Dissertation Title: Aerodynamic Noise Control by Optimal Shape Design

Christine Lynn May. Civil and Environmental Engineering, Dissertation Title: Coastal Ecosystem Response to Varying Light and Nutrient Conditions

Alexander Michael Mitelman, Hickory, North Carolina. Electrical Engineering, Dissertation Title: Signal Quality Monitoring For GPS Augmentation Systems

James Thomas Okeeffe, Carrigaline, Ireland. Electrical Engineering, Dissertation Title: *Transport in Nanotube Electronics* and Biological Nanopores

Daniel William Osborn, Washougal, Washington. Management Science and Engineering, Dissertation Title: *Fractional Stochastic Dominance*

John Steven Paschkewitz. Chemical Engineering, Dissertation Title: Turbulent Drag Reduction Using Rigid Microfibers

Eric Pop, Los Angeles, California. Electrical Engineering, Dissertation Title: Self-Heating and Scaling of Silicon Nano-Transistors

Eric Allen Prigge, Phoenix, Arizona. Aeronautics and Astronautics, Dissertation Title: A Positioning System with No Line-of-Sight Restrictions for Cluttered Environments

Jorge Ruiz-Garcia. Civil and Environmental Engineering, Dissertation Title: Performance-Based Assessment of Existing Structures Accounting for Residual Displacements

Jihan Ryu, Seoul, Republic of Korea. Mechanical Engineering, Minor: Electrical Engineering, Dissertation Title: State and Parameter Estimation for Vehicle Dynamics Control Using GPS

Charles Martin Schroeder, Jacobstown, New Jersey. Chemical Engineering, Dissertation Title: Investigating Polymer Physics with Single Molecule Experiments and Brownian Dynamics Simulations

Judith Carmella Segura, Brea, California. Mechanical Engineering, Dissertation Title: Predictive Capabilities of Particle-Laden Large Eddy Simulation

Devavrat D. Shah, Baroda, India. Computer Science, Dissertation Title: Randomization and Heavy Traffic Theory: New Approaches to the Design and Analysis of Switch Algorithms Lu Shan, Xianyang, People's Republic of China. Chemical Engineering, Dissertation Title: Mechanism and Treatment of Celiac Sprue

Rohit Sudhir Shenoy. Electrical Engineering, Dissertation Title: Technology and Scaling of Ultrathin Body Double-Gate FETs Jaewon Shin, Anyang, Republic of Korea. Electrical Engineering, Dissertation Title: Multi-Object Localization and Identity

Management in Wireless Sensor Networks Ji-Won Son. Materials Science and Engineering, Dissertation

J1-won Son. Materials Science and Engineering, Dissertation Title: Direct-write e-beam sub-micron domain engineering in liquid phase epitaxy lithium niobate thin films

Vladimir Marko Stojanovic, Kragujevac, Yugoslavia. Electrical Engineering, Dissertation Title: Channel-Limited High-Speed Links: Modeling, Analysis and Design

Benjamin M. Taskar. Computer Science, Dissertation Title: Learning Structured Prediction Models: A Large Margin Approach Vanessa Joy Teague. Computer Science, Dissertation Title: Distributed algorithms for selfish participants

Evan Paul Thrush, Columbia, Missouri. Electrical Engineering, Dissertation Title: *Integrated Fluorescence Sensor*

Anne S. Verhulst, Belgium. Electrical Engineering, Dissertation Title: Optical pumping experiments to increase the polarization in nuclear-spin based quantum computers

Shwetabh Verma. Electrical Engineering, Dissertation Title: A Low-Cost, Low-Power Wireless Receiver

Bennett Sampson Wilburn. Electrical Engineering, Dissertation Title: High Performance Imaging Using Arrays of Inexpensive Cameras

Mark Allan Wistey, Livingston, Montana. Electrical Engineering, Dissertation Title: GaInNAsSb Vertical Cavity Surface Emitting Lasers from 1300-1500nm

Troy Gaylon Wood. Electrical Engineering

Paul Yih. Mechanical Engineering, Dissertation Title: Steer-by-Wire: Implications for Vehicle Handling and Safety

Sunghee Yun, Seoul, Republic of Korea. Electrical Engineering, Dissertation Title: Convex Optimization for Digital Integrated Circuit Applications

An Zhu, Shanghai, People's Republic of China. Computer Science, Dissertation Title: Online Computations in Scheduling and Network Applications

Jonathan Mickle Ziebarth. Electrical Engineering, Dissertation Title: A theoretical and experimental investigation of light extraction from polymer light-emitting diodes

John Richard Zimmerman, Salt Lake City, Utah. Civil and Environmental Engineering, Dissertation Title: In Situ Stabilization of Persistent Organic Contaminants in Marine Sediments

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Doctor of Philosophy Degrees Conferred March 31, 2005

Tareq Yousef Al-Naffouri, Dhahran, Saudi Arabia. Electrical Engineering, Dissertation Title: Adaptive algorithms for channel estimation: Analysis and semi-blind design

Guido Appenzeller, Menlo Park, California. Computer Science, Dissertation Title: Sizing Router Buffers

Hong Sang Bae, Torrance, California. Mechanical Engineering, Dissertation Title: Command Modification with Input Shaping for Automated Highway Systems with Heavy Trucks

Aparna Bhatnagar. Electrical Engineering, Dissertation Title: Low Jitter Clocking of CMOS Electronics Using Mode-Locked Lasers

Ian Andrew Buck, Princeton, New Jersey. Computer Science, Dissertation Title: *Stream Computing on Graphics Hardware* Angela Kwan-Yee Hung Byers, Federal Way, Washington.

Management Science and Engineering, Dissertation Title: Enabling the use of individualized information at point of care: a tailored quantitative decision aid for breast cancer adjuvant therapy

Kimberly Kathryn Cameron, Cherry Hill, New Jersey. Mechanical Engineering, Minor: Materials Science and Engineering, Dissertation Title: *Free Volume and Deformation of Metallic Glasses*

Apiruk Detwarasiti, Bangkok, Thailand. Management Science and Engineering, Dissertation Title: *Team Decision Analysis and Influence Diagrams*

John Morgan Feland. Mechanical Engineering, Dissertation Title: Product Capital Model: Modeling the Value of Design to Corporate Performance

Howard H. Hamilton, Boynton Beach, Florida. Aeronautics and Astronautics, Dissertation Title: An Investigation of Vortical Floufields due to Single and Multiple Surface Perturbations at the Forebody

Sarah Leilani Harris. Electrical Engineering Thomas Peter Hoelen, Utrecht, Netherlands. Civil and Environmental Engineering, Dissertation Title: Enhanced Dechlorination of Chlorinated Ethylenes in Sulfidogenic Aquifers Yongli Huang, People's Republic of China. Electrical Engineering, Dissertation Title: Capacitive Micromachined Ultrasonic Transducers (CMUTS) Built with Wafer-Bonding Technology Karen Anne Huyser, East Lansing, Michigan. Electrical Engineering, Dissertation Title: On the Modeling and Classification of Wafer Map Failure Patterns

Aikaterina-Elina loakeimidi. Electrical Engineering, Dissertation Title: Design and characterization of the photocathodes for a high speed photonic ADC

Arto Olavi Kiviniemi. Civil and Environmental Engineering, Dissertation Title: Requirements Management Interface to Building Product Models

Daniel Louis Klein, Pittsburgh, Pennsylvania. Computer Science, Dissertation Title: *The Unsupervised Learning of Natural* Language Structure

Jiyun Lee. Aeronautics and Astronautics, Dissertation Title: Enhanced Aircraft Landing Systems With GPS

Byeongchan Lee, Republic of Korea. Mechanical Engineering, Dissertation Title: *Multiscale Study of Metal Nanoparticles*

Kasidit Leoviriyakit, Chiangmai, Thailand. Aeronautics and Astronautics, Dissertation Title: *Wing Planform Optimization via an Adjoint Method*

Guanxiong Li, Yifeng, People's Republic of China. Materials Science and Engineering, Dissertation Title: Spin Valve Sensor for Biomolecular Identification: Design, Fabrication, and Characterization

Yaocheng Liu, Longnan, People's Republic of China. Materials Science and Engineering, Dissertation Title: Silicon and Germanium Crystallization Techniques for Advanced Device Applications

Armando Ladislao Martinez Machado, Caracas, Venezuela. Management Science and Engineering, Dissertation Title: The Organizational Clarity-of Action Map (OCAM): A Theory and Application for Improving Organizational Effectiveness by Deploying Decision Analysis at All Operational Levels

Masayoshi Matsuoka, Gifu, Japan. Aeronautics and Astronautics, Minor: Electrical Engineering, Dissertation Title: Mars Rover Navigation Using Pseudolite Transceiver Arrays: Network-Based Ranging and Extended Self-Calibration Algorithm

Andrew Joseph Milne, Manhattan, Kansas. Mechanical Engineering, Dissertation Title: An Information-Theoretic Approach to the Study of Ubiquitous Computing Workspaces Supporting Geographically Distributed Engineering Design Teams as Group-Users

Jawad Nasrullah, Sargodha, Pakistan. Electrical Engineering, Dissertation Title: Device Technology Development for Ultra Low Power Circuit Design

Igor Vladislavovich Neverov. Scientific Computing and Computational Mathematics, Dissertation Title: *Physics Based Modeling of Human Face*

Michael Huson Oddy, Scottsdale, Arizona. Mechanical Engineering, Dissertation Title: *Electrokinetic Transport Phenomena: Mobility Measurement and Electrokinetic Instability* **Prashant Ramanathan**, Toronto, Canada. Electrical Engineering, Dissertation Title: *Compression and Interactive Streaming of Light Fields*

Jeff Darin Rosenberger, San Rafael, California. Management Science and Engineering, Dissertation Title: The Flip Side of the Coin: Nascent Technology Ventures and Corporate Venture Funding

Peter Salzman. Management Science and Engineering, Dissertation Title: *Statistical models for the natural history of breast cancer*

Neal Joseph Sample, Santa Cruz, California. Computer Science, Dissertation Title: Scheduling and Resource Allocation in Autonomous Service Networks

Kelly Anne Shaw. Computer Science, Dissertation Title: Resource Management in Single-Chip Multiprocessors Arjun Singh, Chandigarh, India. Electrical Engineering Sanjiv Sinha, Ranchi, India. Mechanical Engineering, Dissertation Title: On Non-Equilibrium Phonon Transport Phenomena in Silicon Transistors

Mark F. Snodgrass. Civil and Environmental Engineering, Dissertation Title: Advances in Parameter Estimation for Subsurface Processes

Kee-Bong Song, Chuncheon, Republic of Korea. Electrical Engineering, Dissertation Title: Value of Adaptive Transmission and Effect of Imperfect Decision Feedback in Practical Wireless Systems

Watanee Sriwatanapongse, Bangkok, Thailand. Civil and Environmental Engineering, Dissertation Title: *Reductive* Dechlorination of Trichloroethylene: a Solid State NMR Study of the Surface Reaction

Rodrigo Esquivel Teixeira, Salvador, Brazil. Chemical Engineering, Dissertation Title: *Single Molecule Studies of Flexible Polymers Under Shear and Mixed Flows*

Satish Kumar Thittamaranahalli, Bangalore, India. Computer Science, Dissertation Title: Contributions to Algorithmic Techniques in Automated Reasoning about Physical Systems

Brian Patrick Towles, Raleigh, North Carolina. Electrical Engineering, Dissertation Title: *Distributed Router Fabrics*

Clifton Taylor Wall, Augusta, Georgia. Mechanical Engineering, Dissertation Title: Numerical Methods for Large Eddy Simulation of Acoustic Combustion Instabilities

Kevin Chun-I Weng, Taipei, Taiwan. Materials Science and Engineering, Dissertation Title: Approaches Toward Functional Fluid Supported Lipid Bilayers

Jon Thomas Yard, Wall Township, New Jersey. Electrical Engineering, Dissertation Title: Simultaneous classical-quantum capacity of quantum multiple access channels

Gee Liek Yeo. Civil and Environmental Engineering, Dissertation Title: Stochastic characterization and decision bases under timedependent aftershock risk

Gillian Ann Zaharias, Iowa City, Iowa. Chemical Engineering, Dissertation Title: Hot wire chemical vapor deposition of inorganic and organic thin films for solar cells and other applications

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Doctor of Philosophy Degree Candidates, June 12, 2005

Scott David Andrews, Taylorville, Illinois. Materials Science and Engineering, Dissertation Title: Fabrication of Magnetic Nanopillars and X-ray Imaging of Spin-Transfer Phenomena Dragomir Dimitrov Anguelov. Computer Science, Dissertation Title: Learning Complex Models of Shape from 3D Scan Data Alexander Michael Aravanis, Santa Monica, California. Electrical Engineering

Hesameddin Aslani, Tehran, Iran. Civil and Environmental Engineering, Dissertation Title: *Probabilistic Earthquake Loss Estimation and Loss Deaggregation in Buildings*

Carolyn D. Aubertine, Albany, New York. Mechanical Engineering, Dissertation Title: *Reynolds Number Effects on an* Adverse Pressure Gradient Turbulent Boundary Layer

Mayank Bawa, India. Computer Science, Dissertation Title: Query Processing with Guarantees in Query-Centric Networks Raiiv Bharadwaj. Chemical Engineering, Dissertation Title:

Electrokinetic Sample Stacking for Microscale Electrophoresis Christopher Bruce Bingham Salt Lake City. Utah.

Management Science and Engineering, Dissertation Title: How organizations learn from heterogeneous experience: The internationalization of entrepreneurial firms Timothy Wolfe Bretl, Plymouth, Minnesota. Aeronautics and Astronautics, Dissertation Title: *Multi-Step Motion Planning for Free-Climbing Robots*

Raymond Robert Buettner Jr. Civil and Environmental Engineering, Dissertation Title: The Impact of Communal Knowledge on Project Work

Paul Andrew Campbell, Clarendon, Jamaica. Mechanical Engineering, Dissertation Title: The Role of Oxide Complexes and Their Distributions in the Carbon-Oxygen Heterogeneous Reaction Mechanism

Patrick Antonio Caton, Cupertino, California. Mechanical Engineering, Dissertation Title: Residual-Effected Homogeneous Charge Compression Ignition Using Variable Valve Actuation

Hian-Leng Chan, Singapore. Aeronautics and Astronautics, Dissertation Title: Detecting Bond Deterioration in Steel-Reinforced Concrete using Active Sensing Technique

Brent Christopher Cheldelin, Portland, Oregon. Mechanical Engineering, Dissertation Title: Design for Mixed-Model Production

Li Chen, Suzhou, People's Republic of China. Management Science and Engineering, Dissertation Title: Optimal Information Acquisition, Inventory Control, and Forecast Sharing in Operations Management

Paul Phillip Cordova. Civil and Environmental Engineering, Dissertation Title: Validation of Composite Steel-Concrete Moment Frames: Full-Scale Testing, Analytical Modeling, and Seismic Design

Laurel Diane Crosby, Eagle River, Alaska. Civil and Environmental Engineering, Dissertation Title: *Molecular Microbial Community Analysis: Understanding and Overcoming the Limitations*

Shuguang Cui, Luannan, People's Republic of China. Electrical Engineering, Dissertation Title: Cross-layer Optimization in Energy-constrained Wireless Networks

Qiang Fu, Jingmen, People's Republic of China. Civil and Environmental Engineering, Dissertation Title: Modeling and Prediction of Fault Normal Near-Field Ground Motions and Structural Response

Prasanna Ganesan, Chennai, India. Computer Science, Dissertation Title: Data Management in Peer-to-peer Systems

Savvas Gitzenis, Athens, Greece. Electrical Engineering, Dissertation Title: Network Control Architectures in Wireless Communication and Mobile Computing: Power Control and Quality of Service Issues

Julia Rosolovsky Greer, San Francisco, California. Materials Science and Engineering, Dissertation Title: Size Effects in Plasticity at the Micron Scale

Tihomir Lubenov Gugov, Sofia, Bulgaria. Materials Science and Engineering, Dissertation Title: Characterization and Growth of Long-Wavelength Dilute Nitrides

Leif Jon Harcke, Haddonfield, New Jersey. Electrical Engineering, Dissertation Title: *Radar Imaging of Solar System Ices*

Corwin Thomas Hardham, Cooks, Washington. Mechanical Engineering, Dissertation Title: *Quiet Hydraulic Actuators for the Laser Interferometric Gravitational-wave Observatory*

Arjang Hassibi. Electrical Engineering, Dissertation Title: Integrated Microarrays

Motohide Hatanaka, Kiyose, Japan. Mechanical Engineering, Dissertation Title: Design and fabrication of multimaterial flexible mechanisms with embedded components

Taher H. Haveliwala, California. Computer Science, Dissertation Title: Context-Sensitive Web Search

Cheng-Suang Heng. Management Science and Engineering

David Philip Hole, Reading, United Kingdom. Electrical Engineering, Dissertation Title: Voice and Video Communications over IEEE 802.11 Wireless LANs

Albert Edward Honein, Beirut, Lebanon. Mechanical Engineering, Dissertation Title: Numerical aspects of compressible turbulence simulations

Kaveh Hosseini, Tehran, Iran. Aeronautics and Astronautics, Dissertation Title: Practical Implementation of Robust Preconditioners for Optimized Multistage Flow Solvers

Alison Kay Hottes. Electrical Engineering, Dissertation Title: Coordination of Transcription in the Caulobacter crescentus Metabolic and Cell Cycle Networks

Wensheng Hua. Electrical Engineering, Dissertation Title: Low Frequency Vibration Isolation and Alignment System for LIGO.

Andrew Chang Huang, New Brighton, Minnesota. Computer Science, Dissertation Title: Principles and Techniques for Simplifying Persistent State Management via Cheap Recovery

Ivana Nikolic Hughes, Nis, Yugoslavia. Chemical Engineering, Dissertation Title: Mechanism of Alkaline Phosphatase via Comparative Analysis

Rahinah Binti Ibrahim, Seri Kembangan, Malaysia. Civil and Environmental Engineering, Dissertation Title: Discontinuity in Organizations: Impacts of Knowledge Flows on Organizational Performance

Yang Jiao, Xian, People's Republic of China. Electrical Engineering, Dissertation Title: Systematic Design, Optimization, and Sensitivity Analysis Methods for Photonic Crystal Devices

Calvin Ka Hang Kam, Hong Kong. Civil and Environmental Engineering, Dissertation Title: A Framework for Dynamic Decision Breakdown Structure—Ontology, Methodology, and Application of Information Management in Support of AEC Decision-Enabling Tasks

Maksim Kamenetsky, San Jose, California. Electrical Engineering, Dissertation Title: Accelerating the Convergence of the LMS Adaptive Algorithm

Shih-Chung Jessy Kang. Civil and Environmental Engineering, Dissertation Title: Automatic Erection Planning in Single and Multiple Cranes Construction

Zsolt Kiraly. Aeronautics and Astronautics, Dissertation Title: A stereo vision system

Regis Joseph Kline, New Albany, Indiana. Materials Science and Engineering, Dissertation Title: Charge Transport in Regioregular Polythiophene and Relationship to Morphology

Jon Denton Koch. Mechanical Engineering, Dissertation Title: Fuel Tracer Photophysics for Quantitative Planar Laser-induced Fluorescence

Paul Mavunga Kodzwa, Winston-Salem, North Carolina. Mechanical Engineering, Dissertation Title: Measurements of Film Cooling Performance in a Transonic Single Passage Model

Jae-Mo Koo, Republic of Korea. Mechanical Engineering, Dissertation Title: Modeling of Convective Boiling in Microchannels Chuck Pui Lam. Electrical Engineering, Dissertation Title: Open Data Acquisition: Theory and Experiments

Daniel James Laser, Doylestown, Pennsylvania. Mechanical Engineering, Dissertation Title: Design, Fabrication, and Applications of Silicon Electroosmotic Micropumps

Christina Jan Lee. Chemical Engineering, Dissertation Title: Engineering Human Tissue for Control of Cellular Adhesion and Function

Angela Yu-Chen Lin. Civil and Environmental Engineering, Dissertation Title: Natural Attenuation of Emerging Contaminants during River Transport

Eric John Litwiller. Civil and Environmental Engineering, Dissertation Title: Freeze-Drying for Water Recovery from Solid Waste Chunlei Liu, NanKang, People's Republic of China. Electrical Engineering, Dissertation Title: *Generalized Diffusion Tensor Imaging and High Resolution Diffusion-Weighted Imaging* Xiangheng Liu, Benxi, People's Republic of China. Electrical Engineering

Ryan Joseph Lowe, Laguna Beach, California. Civil and Environmental Engineering, Minor: Mechanical Engineering, Dissertation Title: The effect of surface waves on mass and momentum transfer processes in shallow coral reef systems

Chandrasekhar Madhavan Nair, Thiruvananthapuram, India. Electrical Engineering, Dissertation Title: Proofs of the Parisi and Coppersmith-Sorkin Conjectures for the Random Assignment Problem

Kenneth Wei-An Mai. Electrical Engineering, Dissertation Title: Design and Analysis of Reconfigurable Memory

David Harry Manzella. Mechanical Engineering, Dissertation Title: Scaling Hall Thrusters to High Power

Sergio Felix Marti, Okemos, Michigan. Computer Science, Dissertation Title: *Trust and Reputation in Peer-to-Peer Networks*

Kahn Mason. Engineering-Economic Systems and Operations Research, Dissertation Title: *Reputation Systems in the Presence* of Collusion

Angela Diane McConnell, Ames, Iowa. Mechanical Engineering, Dissertation Title: Thermal Properties of Micro- and Nanoscale Materials

David J. Miller, San Francisco, California. Materials Science and Engineering, Dissertation Title: GaN Epitaxy by a Novel Hybrid VPE Technique

Naoko Munakata, Brecksville, Ohio. Civil and Environmental Engineering, Minor: Materials Science and Engineering, Dissertation Title: Palladium-Catalyzed Hydrodehalogenation for the Remediation of Groundwaters: Sulfide Deactivation Model, Regenerant Comparison, and Chemical Surface Changes

Ki Young Nam, Seoul, Republic of Korea. Electrical Engineering, Dissertation Title: Design of Low-Voltage Low-Power Sigma-Delta Modulators for Broadband High-Resolution A/D Conversion

Reza Navid, Tehran, Iran. Electrical Engineering, Dissertation Title: Amplitude and Phase Noise in Modern CMOS Circuits

Jisung Oh, Sungnam, Republic of Korea. Electrical Engineering, Dissertation Title: Transmit Power Optimization for Multi-user Communication

Oghenekome Fregene Oteri, Delta State, Nigeria. Electrical Engineering, Dissertation Title: *Transmit Fading and Interference Mitigation for Multi-Antenna Wireless Communications*

Aydogan Ozcan, Istanbul, Turkey. Electrical Engineering, Dissertation Title: Spectral interferometry using minimum phase functions

Jong-Hyun Park. Aeronautics and Astronautics, Dissertation Title: System Identification method for monitoring impact events

Jong Buhm Park. Electrical Engineering, Dissertation Title: Rapid Flow Quantification using Non-Cardiac-Synchronized Magnetic Resonance Imaging

Matthew Milton Pharr. Computer Science, Dissertation Title: Monte Carlo Solution of Scattering Equations for Comptuer Graphics

Shankar Ravindra Ponnekanti, India. Computer Science, Dissertation Title: Interoperability in Network Services

Tze-Lei Poo, Singapore. Electrical Engineering, Dissertation Title: Combining Error Correction Codes and Modulation Codes for Digital Storage Systems

John Edward Post Jr., Jal, New Mexico. Electrical Engineering, Dissertation Title: Integration of Microwave and Millimeter Wave Systems in a Precision Multichip-Module Process Sanatan Rai. Management Science and Engineering

Ajith Ramanathan. Computer Science, Dissertation Title: A Probabilistic Poly-Time Process Algebra for the Specification and Analysis of Security Protocols

Seung Joon Rhee. Mechanical Engineering, Dissertation Title: Lifecycle Cost Based Failure Modes and Effects Analysis

Viola Rieke, Holzminden, Germany. Electrical Engineering, Dissertation Title: New Approaches to Magnetic Resonance Thermometry

Anne Gillian Robinson, St. John's, Canada. Industrial Engineering, Dissertation Title: Real-time Order Promising: Increasing Customer Service Through Dynamic Order Fulfillment

Michael Charles Rotkowitz, Old Bridge, New Jersey. Aeronautics and Astronautics, Dissertation Title: Tractable Problems in Optimal Decentralized Control

Constantine Paul Sapuntzakis, Chicago, Illinois. Computer Science, Dissertation Title: *The Collective: An Architecture for Managing Computers*

Shailendhar Saraf, Srinagar, India. Electrical Engineering, Dissertation Title: Power scaling and quantum noise measurements in Nd:YAG slab laser amplifiers

Tal Gilat Schmidt. Electrical Engineering, Dissertation Title: An inverse-geometry volumetric CT system

Mayank Sharma, Jaipur, India. Electrical Engineering, Dissertation Title: On Some Properties of Bipartite Graph Matchings

Gregory Matthew Shaver, Oklahoma City, Oklahoma. Mechanical Engineering, Dissertation Title: *Physically-Based* Dynamic Modeling and Control of Residual-Affected HCCI Engines

George Yuri Sokoloff, Moscow, Russian Federation. Management Science and Engineering, Dissertation Title: Stochastic programming solution for the individual lifecycle portfolio allocation problem

Zheng Su. Scientific Computing and Computational Mathematics, Minor: Statistics, Dissertation Title: Computational Methods for Complex Clinical Trials and Large-Scale Least Squares Problems

Shun Takai, Kobe, Japan. Mechanical Engineering, Dissertation Title: Performance vs. Cost Analysis: A Structured Methodology for Quantitative Design Concept Selection

Joseph Michael Teran. Scientific Computing and Computational Mathematics, Dissertation Title: *Finite Element Simulation of the Musculoskeletal System*

Ayodele Bolaji Thomas. Electrical Engineering, Dissertation Title: An Application Analysis Framework for Polymorphic Chip Multiprocessors

Harvey Devoe Thornburg. Electrical Engineering, Dissertation Title: Detection and Modeling of Transient Audio Signals with Prior Information

Chao-Wen Tseng. Electrical Engineering, Dissertation Title: Testing for Timing Defects in Digital CMOS Integrated Circuits

Raymond Wang, Livermore, California. Electrical Engineering, Dissertation Title: Cross-Layer Interaction in Cellular Ad Hoc Networks

Sarah Middleton Williams. Civil and Environmental Engineering, Dissertation Title: Physiological and Ecological Interactions Between Chromate and Nitrate Reduction in Microbial Model Systems

Jinkyu Yang, Republic of Korea. Aeronautics and Astronautics, Dissertation Title: Structural Health Monitoring Technology for Space Operation Vehicles: Bolted Carbon-Carbon Thermal Protection Panels

School of Humanities and Sciences Sharon Long, Dean

Bachelor of Arts trace Conferred September 30

Degrees Conferred September 30, 2004 Jennifer Adaline Baca, Dallas, Texas. Human Biology Barbara N. Barath, Oak Brook, Illinois. International Relations, Departmental Honors Program Jessica Susan Borowick, Chappaqua, New York. Political Science Antonio Lamont Bowens, Columbus, Ohio. Art, Field: Studio Art Dana Jill Buxton, Dallas, Texas. Psychology Tim Chao-ming Chen, Dunwoody, Georgia. Economics Stephanie Yun-Yun Chui, Murrieta, California. International Relations and Music Andrew David Clavin, Beverly Hills, California. Psychology Stephen Orion Courtin, Dallas, Texas. Human Biology, Departmental Honors Program Laura Elizabeth Davis, McFarland, California. Human Biology Evan James De la Torre, Monterey, California. International Relations Brett Evan Erlich, Simi Valley, California. Political Science Tashina Maxine Etter. Public Policy Michael C. Frank. Comparative Literature Justin James Green, Arlington, Virginia, Spanish. Interdisciplinary Honors Program in Education Andrew Parker Hill, Los Altos, California. Economics Lillian M. Ho, Wichita, Kansas. Feminist Studies William E. Hudson, Plano, Texas. History, Departmental Honors Program Roger Michael Huijon, Redwood City, California. Medieval Studies Yvonne Yee-Kwun Hung, San Francisco, California. Economics, Departmental Honors Program Karamveer Singh Jhawar, Henderson, Nevada. Political Science, Interdisciplinary Honors Program in International Security Studies, with Distinction Jed Hideki Kawasumi, Tokyo, Japan. East Asian Studies Michael James Keiser, Santa Rosa, California. Slavic Languages and Literatures

Joseph Walter Kirchofer, Elk Grove, California. Urban Studies Douglas Keith Lindgren. Economics

Lily Yuan-li Liu, Piedmont, California. International Relations, Departmental Honors Program

Allison Rebecca Loh, Bryn Mawr, Pennsylvania. Human Biology, Departmental Honors Program

Nevenka Mattenet, Buenos Aires, Argentina. East Asian Studies and International Relations, Departmental Honors Program, with Distinction

Tully Shane McGowan, Snohomish, Washington. Psychology Wilbur Nelson Montana, South Orange, New Jersey. Human Biology Shandra Monique Montgomery, Mobile, Alabama. Political Science

Mark Bradley Mulholland, Piedmont, California. History Daphne Kaur Nayar, Boston, Massachusetts. Psychology Felicia Elena Oropeza, Sacramento, California. Psychology Rebecca Ann Pekron, Elmhurst, Illinois. Comparative

Literature, Departmental Honors Program

Gautam Raghavan, Kent, Washington. Science, Technology, and Society

Stephanie LeSan Selover, Glendora, California. Archaeology

Sheba Sheikholeslam. International Relations, Departmental Honors Program

Andrew Kang Min Shin, Hong Kong. International Relations Colby Manning Smith, Saratoga, California. Economics Ray Martin Sten. Political Science

Ross William Stewart. Science, Technology, and Society Nicole Yuet Yee Tang, Hong Kong. East Asian Studies Saritpon Ming Thanarat, Bangkok, Thailand. Economics Lavina Tien, Hong Kong, People's Republic of China. Communication Nirav Nalin Tolia. English

Javier Torres. Political Science

Lauren Lan Ko Uyeshiro, Kailua, Hawaii. English Sonam Dechan Wangchuck, Thimphu, Bhutan. International Relations

Alexandra Nicole Zsigmond, San Francisco, California. Humanities, Interdisciplinary Honors Program in Humanities, with Distinction

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Bachelor of Arts

Degrees Conferred January 6, 2005

Reed Franklin Adam, Seattle, Washington. Archaeology Charles Franklin Altura, Berkeley, California. Anthropological Sciences

Anthony Lawrence Azevedo. International Relations Fiona Mitchell Baumer, Pleasantville, New York. Human Biology, with Distinction

Caroline A. Baylon. Economics

Tanya Corinne Beatus, Hughes, Alaska. Economics

Juliet Doreen Brown, Kingston, Jamaica. Sociology

Chaddus Fyfe Alden Bruce, Arlington, Massachusetts. Economics Robin Whitson Burns, Oahu, Hawaii. English and History, with Distinction

Kathryn Rose Callaghan, Santa Fe, New Mexico. Psychology Jillian Mary Camarena, Woodland, California. History Michael Liang-Kai Chiou, Milpitas, California. Economics, with Distinction

Gregory Michael Crum, San Pedro, California. Economics Rosalind Marjorie Davis, Westlake Village, California. Japanese Zuzana Fedorkova, Bardejov, Slovakia. International Relations Adam Harrison Fuller, Stanford, California. Economics Robert Andrew Fulton, West Linn, Oregon. Economics Frederick Daniel Gilbert, Laguna Beach, California. Communication

Casey Barbara Godelfer. Human Biology, with Distinction Aaron Jacob Goynshor, Chicago, Illinois. Economics and Spanish, with Distinction

Katherine Grube, Hinsdale, Illinois. History

Elsie Ruth Gyang, Hempstead, New York. Human Biology, Departmental Honors Program

Thomas Jon Hanada, Portland, Oregon. Communication Beatriz Hernandez. Psychology

Eun Sang Hwang, Hong Kong, Hong Kong. International Relations

Sungdam Hyun, New York, New York. Economics Kristine Mary Janus, Western Springs, Illinois. Economics David Dean Kim. Economics Nicole Anise Beckley, El Paso, Texas. Urban Studies Eric Gordon Kingsley. Religious Studies David Bruce Bergeron, Lake Oswego, Oregon. Public Policy Rohit Kukreti. Humanities, Interdisciplinary Honors Program in Humanities Linda Hua Lee. Human Biology, Departmental Honors Program Abigail Ruth Levine, Barrington, Rhode Island. Anthropological Sciences, with Distinction Zachary Austin Levine, Danville, California. Political Science, with Distinction Sara Danielle Lisagor, Squaw Valley, California. Psychology Aaron Yefei Lu, Horsham, Pennsylvania. Economics, Departmental Honors Program Aaron Douglas Maines, Falmouth, Maine. American Studies Kiazi T. Malonga. International Relations Melissa Binti Mansur, Kuala Lumpur, Malaysia. Economics Thomas Judson Ashmead McClain. History Myles D. Morrison, Morristown, New Jersey. International Relations, with Distinction Myisha Michelle Patterson, Stockton, California. Human Biology Dustin Michael Perkins. Science, Technology, and Society Abigail Mollie Phelps, Bellevue, Washington. Philosophy and Religious Studies, Interdisciplinary Honors Program in Ethics in Society Kristin Elizabeth Carlson Primus, Gunnison, Colorado. Philosophy, Departmental Honors Program, with Distinction Daniel Christopher Putnam. Sociology Misti Brooke Rodriguez, Greenville, Texas. Political Science Sarah Davis Roggero, Glendale, California. Spanish and Urban Studies Shyla G. Sheppard. Economics Edwin Alexander Smith. Economics Lindsey Michelle Stice, Santa Ana, California. International Relations Megan Laurel Swanson, San Francisco, California. Human Biology, Departmental Honors Program Mark Douglas Thoma, Kenilworth, Illinois. History Leigh Anthony Torrence. Political Science Christina Uihlein Trainer, Seattle, Washington. English Ricardo Francisco Trigueros, San Salvador, El Salvador. International Relations Samuel Ernst Tyre, Temple City, California. Public Policy Marcia D. Valadez. Political Science, Departmental Honors Program Trent Benjamin Wiesen, Goleta, California. International Relations Michael David Wilson, New Zealand. International Relations Iga Lucja Zelazny, Vienna, Austria. Economics and International Relations ά **Bachelor of Arts Degrees Conferred March 31, 2005** Jessica Cameron Agnew-Blais. Human Biology Emilia Bates Anderson, Cincinnati, Ohio. Communication Elizabeth Anne Anderson. Psychology Graham Niven Anderson-Dana, Portland, Oregon. Human Biology Michael D. Attocknie, Carnegie, Oklahoma. Psychology John Paul Barkis, Louisburg, Kansas. Political Science John Thomas Batson, Augusta, Georgia. Political Science Isheh Hether Beck. Science, Technology, and Society

Nishant Vijay Berlia, New Delhi, India. Economics Cara Rose Bertron, Leander, Texas. Urban Studies, with Distinction Jordan Rose Sterling Blackthorne, Portland, Oregon. Linguistics, with Distinction Lian Michal Bloch, Santa Monica, California. Psychology, with Distinction Samuel Fritz Bremmer, Saint Helens, Oregon. Psychology Bianca Lorena Buckelew, Santa Barbara, California. Human Biology Valerie Marie Byrnes, Fresno, California. Human Biology Jeffrey Robert Camera, Las Vegas, Nevada. Economics James Robert Cannon. Music Kristen Nola Carothers, Torrance, California. Philosophy William Christopher Carter, Concord, California. Human Biology Katherine Buckman Casey. History Danielle Marie Chammas, Del Mar, California. Human Biology, with Distinction Anna Juche Chen, Dallas, Texas. Human Biology Christine Ai-Ping Chiu, Palo Alto, California. Human Biology Jennifer Yin Lae Chiu, Mission Viejo, California. International Relations, with Distinction Daniel Sung Kwan Cho, Monrovia, California. Economics Adrian Coburn, Music and Slavic Languages and Literatures Hilary Anne Connell, Portola Valley, California. Classics, with Distinction John Jacob Cuaron, Centennial, Colorado. Human Biology Neil Andrew Davis, Los Altos, California. Political Science Austreberto Herrera Deharo, Napa, California. Economics Marco Dkane. Psychology, Departmental Honors Program, with Distinction Ima Sumac Duchicela. Human Biology Batsheva Eadan, New York, New York. Psychology Alexander David Eccles. English and History, with Distinction Kian Eftekhari, Houston, Texas. Human Biology Karen Lynne English, Denville, New Jersey. English Robert William Evans, Saratoga, California. Economics Darren Fernandez, Benoni, South Africa. Science, Technology, and Society Sarah Jane Field. English and Psychology Brynn Margaret Forte, Castro Valley, California. American Studies Eric Laurence Frantz, West Linn, Oregon. History Lisa Freeman Gasink, Kennebunkport, Maine. International Relations Kirsten Elizabeth Gilbert. Human Biology Erin Rae Glenn, Haddonfield, New Jersey. Human Biology Lee Gonzalez, Chula Vista, California. Japanese Daniel Max Greene, San Rafael, California. Political Science Michael James Grega. English

Amy Nicole Halvorsen. Political Science, Departmental Honors Program

Claire Elizabeth Henderson. History

Robert Bowen Hou. Economics

Peter Cushman Hudnut. American Studies

Louis Nichols Jackson, Seabrook, Texas. History, Departmental Honors Program

Indhika Jayaratnam, New York, New York. Cultural and Social Anthropology

Mark Thomas Jecmen, California. Political Science Sarah Marie Jones, San Clemente, California, Human Biology Michelle Sophie Keller, Santa Barbara, California. Human Biology Michael LeMoyne Kennedy. Economics Bryan Kim, West Hills, California. Asian American Studies, Departmental Honors Program Susan Ann King. Psychology Kevin Daniel Koitz. Communication Sabine Kwon, Seoul, Republic of Korea. Economics and Psychology, with Distinction Katrina Masumi Lake. Economics, Departmental Honors Program Jennifer Landres. Art, Field: Art History Sophia Arianne Larroque, Bethesda, Maryland. Psychology Andrea Helen Lazazzera, Palo Alto, California. Cultural and Social Anthropology Julia Kwong Lee, Newport Beach, California. Economics Jennifer Lee, Bellmore, New York. Political Science Jane Meeyoung Lee, Steilacoom, Washington. Human Biology Grant Eric Lewis, Cedar Park, Texas. Economics Percy Anne Link. Cultural and Social Anthropology, with Distinction Christine S. Liyanto, Northridge, California. Philosophy Miller Anne Loeb. Political Science Gary Norman Marshall, Bartlesville, Oklahoma. International Relations Kevin Michael McCaffrey. International Relations John Alan McKeeman, Port Jefferson, New York. Economics Molly Roberta Melcher, San Rafael, California. Science, Technology, and Society Brian Robert Mohr, Cold Spring Harbor, New York. Psychology Colin Patrick Murphy, Alexandria, Virginia. Communication Steven Jamieson Myrick, Arlington, Massachusetts. Economics Lauren Rachel Natbony, Old Westbury, New York. English Joseph Robert Natoli. Economics Jared Richard Newberry, Sociology Katharine Bruvold Newman, San Carlos, California. Human Biology Thomas Daniel Nieto, San Dimas, California. International Relations Benjamin Jeff Palmquist. Urban Studies Sarah Jane Pape. Communication Amanda Katharine Pettit, Huntington, New York. English Patrick Neal Phillips. Economics Joel Christopher Philpot. Economics Jung-Hoon Ra. Economics Jessie Kathleen Redden, Louisville, Kentucky. Human Biology Nathaniel Lincoln Rice, Concord, California. English David John Roeske. International Relations Justin Thomas Romaniuk, Suffern, New York. Political Science Malia Kristin Skaer, Bedford, Texas, Communication and **Political Science** Robert David Smitson, Indianapolis, Indiana. Human Biology Matthew Ryan Sorlien, Tualatin, Oregon. Psychology Subha Jennifer Srinivas, Rancho Santa Fe, California. Economics Heather Leona Stamper. Economics Mary Yu Sun. Human Biology Gabriel Thomas Swank. Political Science, with Distinction Charles James Taylor. Economics

Michelle Christine Thiry. Sociology Richard Lo-Chi Tso, Port Townsend, Washington. Human Biology

Ginger Leigh Turner, Galveston, Texas. Economics, Departmental Honors Program

Edward Moore Underwood, Phoenix, Arizona. English Johanna Beth Waldman, Roslyn, New York. Human Biology

Dechen Yangzom Wangchuck. Cultural and Social Anthropology

Lauren Rachel Weinstein, Boca Raton, Florida. Psychology, with Distinction

Charlotte Samantha Williams, Las Vegas, Nevada. English **Avra Shulamit Winograd-Hutner**, Stanford, California. Urban Studies

Ryan David Wirtz, Berlin, Germany. International Relations and Political Science

Michelle Hein Won. Political Science

Vashti Jamaica Ciel Wood, Baltimore, Maryland. Human Biology

Jamie Yang, Basking Ridge, New Jersey. Human Biology, with Distinction

Annie Heeson Yi, Northbrook, Illinois. Art, Field: Studio Art Jennifer Erin Zepeda. Economics

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Bachelor of Arts

Degree Candidates, June 12, 2005

Oluwaseyi Adeyinka Abolaji, New-Bussa, Nigeria. History Robert Xavier Acosta, Pasadena, California. International Relations

Valarie Helen Adame, Oxnard, California. Psychology

William Oldenburg Adams, Sacramento, California.

Economics, Departmental Honors Program

Shilpi Agarwal, Houston, Texas. Economics and Political Science

Josias Caleb Aguiar, Westmorland, California. Psychology Iman Ahmad, Karachi, Pakistan. Human Biology, Departmental Honors Program, with Distinction

Shalini Ahmed, Geneva, Switzerland. International Relations Kehinde Funmilola Ajayi, Nairobi-Accra, Nigeria. Economics, Departmental Honors Program

Michael F. Albanese, Point Pleasant, New Jersey. Philosophy, Interdisciplinary Honors Program in Ethics in Society

Sophie M. Alcorn, Mission Viejo, California. International Relations

Lara Lisa Aldag. Economics

Mira Bridget Aldridge. Art and Economics, Field: Studio Art Mandi Marie Alexander, Columbia, Missouri. Art, Field: Studio Art

Scott Shannon Allen, Arlington, Virginia. Psychology Arturo Alonso, San Antonio, Texas. Economics and Philosophy Chitua Chidubem Alozie, California. Human Biology

Hyacinth Celine Alvaran, Salem, Oregon. International Relations

Elizabette Maria Amaral, Half Moon Bay, California. Psychology

Ra Olusegun Amen, East Palo Alto, California. Economics Jane Chong An, Ridgecrest, California. Human Biology Monique Rochelle Anderson. Human Biology Jason Martin Angel. Political Science and Psychology, Departmental Honors Program, with Distinction

Jose Manuel Anguiano. Psychology

Nicole Marie Rose Sibug Araneta, Manila, Philippines. English and Political Science Norma Linda Arce, Laredo, Texas. Psychology, Departmental Honors Program Kendra Chivoko Arimoto, Santa Ynez, California. Drama Gabriela Arvizu. Communication and Urban Studies Amelia Hubbard Ashton, Durham, North Carolina. English, Departmental Honors Program, with Distinction Stella Aslibekyan. Human Biology, Departmental Honors Program Hanna Marie Asrat, Irvine, California. American Studies, Departmental Honors Program David Herron Auld, Aspen, Colorado. Economics Elise Garza Austin, McAllen, Texas. Human Biology Laura Avina. History, Departmental Honors Program Simon Langer Axten, Marblehead, Massachusetts, International Relations, with Distinction Elizabeth Ayala, Corona, California. International Relations, Departmental Honors Program Christopher Worth Babson, Portland, Oregon. Philosophy Christopher Masaru Baer, Santa Barbara, California. Human Biology, Departmental Honors Program Priyanka Bakaya, Melbourne, Australia. Economics, Interdisciplinary Honors Program in Science, Technology, and Society Vanessa Jo Baker, Pasadena, California. English Adam Granger Ballew, Tulsa, Oklahoma. Economics David Baker Banks. Urban Studies Brenda Bernardo Bantados, Lemon Grove, California, Human Biology Kaara Jamila Baptiste, Brooklyn, New York. Psychology Nicole Renee Barnhart, Gilbertsville, Pennsylvania. Art and Psychology, Field: Studio Art Megan Elizabeth Baumgartner. Human Biology Heidi Ann Baumgartner, Redwood City, California. Psychology, Departmental Honors Program Glenn Robert Christian Bean, Reedley, California. Economics, Departmental Honors Program Kristin Michelle Beaver. Human Biology Bret Worthington Bechis, Concord, Massachusetts. Economics Kendall Rhea Beck, San Antonio, Texas. Human Biology Undine Melissa Becker. Human Biology Tami Lynn Becker, Eagle, Idaho. Political Science Elizabeth Ann Belg. Political Science Kristen Robin Bell, Lynnfield, Massachusetts. Philosophy, Interdisciplinary Honors Program in Ethics in Society, with Distinction Sarah Elizabeth Belton. International Relations Elizabeth Ann Bendig, Santa Ana, California. Human Biology Heidi Susan Bennion, Palo Alto, California. Art, Field: Art History Daniel Timothy Bentley, New Providence, New Jersey. English Shannon Mary Bentz. International Relations Katherine H. Berglund, Pennington, New Jersev. Political Science, Departmental Honors Program Joseph Andrew Berkowski, Dearborn Heights, Michigan. **Religious Studies** Caroline Josephine Bertinetti. Psychology Adrienne Elizabeth Beyer. International Relations Tenley Catherine Bick, Indianapolis, Indiana. Art, Field: Art History Sarah Emily Birnbaum. Humanities, Interdisciplinary Honors Program in Humanities

Jerold Aaron Blain, Bakersfield, California. Native American Studies Jasmin Maria Blak. Human Biology, Interdisciplinary Honors Program in Ethics in Society Scott Matthew Blankenship, Loveland, Colorado. Chinese Amy Michelle Blasberg, San Jose, California. Feminist Studies Oriana DeDomenico Bleecher, Kamuela, Hawaii. History David Bloch Laffite, San Salvador, El Salvador. Economics Eric Bloch Laffite, San Salvador, El Salvador. Economics and Urban Studies Kevin Alexander Blue, Toronto, Canada. Psychology Patrick David Bomhack, Waukesha, Wisconsin. History, Departmental Honors Program Kristofer Ryan Bonifas, Pebble Beach, California. Science, Technology, and Society Lindsey Elise Boos. Human Biology Annette Nikki Borchardt. Cultural and Social Anthropology, Departmental Honors Program David Anthony Borrelli, Hales Corners, Wisconsin. English and Italian Literature Lacey Ann Boutwell, Noblesville, Indiana. History James Alexander Boyd. International Relations, with Distinction Alexander Anderson Bradford. Human Biology, Departmental Honors Program, with Distinction Henry Stallcup Brands. History and Political Science, Departmental Honors Program, with Distinction Alice Victoria Brathwaite, Atlanta, Georgia. International Relations Isabel Marie Rojas Brice, Winters, California. Art and Economics, Field: Studio Art Tiffany Nicole Bright, Dallas, Texas. Urban Studies Michael Anthony Brooks, Bethesda, Maryland. Economics Elizabeth McConnell Brooks. History Brian Jesse Brookshire, Des Moines, Iowa. Japanese LeeAnn Emmaline Brown, Rancho Cucamonga, California. Art, Field: Art History Michael L. Brown II. Political Science, Departmental Honors Program Taurean Kimberly Brown, New York City, New York. English Thomas John Brown, Reno, Nevada. Science, Technology, and Society Nathan L. Budde, Brnsh Prairie, Washington. Philosophy Christopher William Buente. Economics Teresa-Judith Bulygo, San Jose, California. Psychology, with Distinction Bradley Gregory Burge. Communication and Psychology Deborah Jane Burke, Santa Ana, California. African and African American Studies and English Melissa Lynn Burns, Niskayuna, New York. Economics and Psychology, with Distinction Anya Bryn Butler Byers. Human Biology, Departmental Honors Program Arielle Janine Cahill, Lawrenceville, New Jersey. Philosophy Sara Ines Calderon. Communication Deanna Call, Cupertino, California. Human Biology Claire F. Calzonetti. International Relations, Departmental Honors Program Julia F. Calzonetti, Sea Cliff, New York. International Relations Evins Marie Cameron, Nashville, Tennessee. Economics

Whitney Lauren Campbell, Sugar Land, Texas. Human Biology Cristin Marie Carey, Menlo Park, California. Psychology Julia Catherine Carnevale, San Diego, California. Human Biology, Departmental Honors Program, with Distinction Julia McSwiggen Carr, Portland, Oregon, Psychology Eli Alberto Carrillo, Albuquerque, New Mexico. Human Biology Ashley Elizabeth Carroll, Flint, Michigan. Economics Emily Hawkins Carter, Portland, Oregon, Human Biology Nicholas Wimberley Casey. Anthropological Sciences, Departmental Honors Program, with Distinction Kent Curtis Casimir, St. Thomas, Virgin Islands. Political Science Sophia Simone Castelo. Public Policy, Departmental Honors Program Tiffany Nicole Castillo, Santa Barbara, California. Human Biology, with Distinction Ryan Richard Caswell, Santa Barbara, California. Economics Regina Shenelle Celestin. Urban Studies **Connie Meiling Chan**. Economics Ilaria Yin Yan Chan. International Relations Ngok-Pang Chan, Hong Kong. Public Policy, with Distinction Scott Theodore Chanatry, New York, New York. Human Biology, with Distinction Sara Yi Juin Chang, Kailua, Hawaii. Economics and Psychology, with Distinction Dennis Chang, Saratoga, California. Economics, Departmental Honors Program Anita Shu Chang, Sugar Land, Texas. Human Biology Darice Emily Chang. Psychology James Christopher Chavez, Long Beach, California. Political Science Miguel Angel Chavez, Santa Clara, California. Psychology Melissa Maureen Chee, Portland, Oregon. Communication An-Jou Chen, Taiwan. Human Biology, Departmental Honors Program Jennifer Chen, Bayside, New York. Human Biology Sheena Elise Chestnut, Spokane, Washington. Political Science, Interdisciplinary Honors Program in International Security Studies, with Distinction Eric Li Cheung, New York, New York. Economics and Music Breanna Shih-Yi Chia, Sioux City, Iowa. Economics Vickie Z. Chiang, Sunnyvale, California. International Relations Carolyn S. Chiang. Political Science May K. Chiang, West Windsor, New Jersey. Public Policy, Departmental Honors Program Hanna Chiou, San Jose, California. Human Biology, Departmental Honors Program, with Distinction Jason Yong Cho, Sacramento, California. Economics Cynthia Haeyeon Cho, Bayside, New York. Political Science, Departmental Honors Program Ivanka Vladimirova Choumanova. Human Biology, Departmental Honors Program Tim Ting-Yi Chueh, Norcross, Georgia. Economics Melanie Christina Chuen, New Canaan, Connecticut. East Asian Studies, Departmental Honors Program Nkechi Ijeoma Chukwueke, Roselle, New Jersey. International Relations Jack Yong Chung, Salinas, California. Economics and English, Departmental Honors Program, with Distinction Ngosa Victoria Chungu, Lusaka, Zambia. Communication Caroline Marie Ciccone, Duxbury, Massachusetts. International Relations, Departmental Honors Program Chad M. Clamage, Highland Park, Illinois. Economics, Departmental Honors Program, with Distinction

Christopher Ryan Clark, Rozetta, Illinois. Political Science Adrienne La Marr Clark, Los Gatos, California. Human Biology Emily Elisabeth Clement, Tempe, Arizona. English, with Distinction Megan Andrews Cohen, San Francisco, California. Drama Aaron David Cohn, San Francisco, California. Music, with Distinction. Lindsay B. Coleman, Irvine, California. History, Departmental Honors Program Ashleigh Jenice Collins. Communication and Comparative Studies in Race and Ethnicity, Departmental Honors Program Stephanie Anne Condon, San Jose, California. Communication Jeffrey William Conkey. Economics Kara Alette Contreary, New Orleans, Louisiana. Economics Rachel Elizabeth Cook, Lexington, Nebraska. Human Biology, Departmental Honors Program Zachary David Cooper, McLean, Virginia. Public Policy, Interdisciplinary Honors Program in International Security Studies Kelli Lilinoe Copeland, Honolulu, Hawaii. Human Biology Tambi Ann Cork, Priest River, Idaho. Political Science and Psychology Silvia Correa, Sylmar, California. Human Biology, Departmental Honors Program Carolyn Louise Cotterman, Los Angeles, California. Economics, Departmental Honors Program Camelia Coupal, Caracas, Venezuela. History and Political Science Christopher David Cowan. Economics Ian Ashton Cox, Santiago, Chile. Economics Jennifer I. Coyle, Rolla, Missouri. Public Policy, Departmental Honors Program Alicia Kathryn Craig, Gillette, Wyoming. Human Biology Ellen Moore Crisham, Dixon, Illinois. History, Departmental Honors Program Porsha Quiana Cropper, Los Angeles, California. Comparative Studies in Race and Ethnicity and Political Science, Departmental Honors Program Eric Joseph Crossen. Human Biology Ana Helena Silvia Cruz, Convers, Georgia. International Relations Julianne Regina Cuellar, Westlake Village, California. Communication and Public Policy Anna Barbara Cueni. Linguistics, with Distinction Katie Marie Cueva, Anchorage, Alaska. Human Biology Capp Arrington Culver, Canadian, Texas. Political Science Emily Alison Dachs, California. Political Science Lindsay Marie Dahms, Vacaville, California, German Studies and International Relations, Interdisciplinary Honors Program in Humanities Luke Evan Daley, White Bear Lake, Minnesota. Psychology, with Distinction David Boozer Daly, Dallas, Texas. Political Science Alexandra Yard Davies, La Jolla, California. Communication and English, Departmental Honors Program James Cartha Day. Economics Diana De Loza, Downey, California. International Relations Rebecca Jane DeBoer. Human Biology Randall Bruce DeVaul, Chicago, Illinois. Communication Katherine Grace Denny, Pacific Grove, California. Psychology Bryan Thomas Denny, San Antonio, Texas. Psychology, Departmental Honors Program, with Distinction Ryan Thomas Denny, Menlo Park, California. Economics

Samuel Neal Deputy, Gallatin, Tennessee. Religious Studies Samo Devenica, Culver City, California. Political Science Ayla Dawn Dillard, Los Angeles, California. Philosophy Minh-Tuyen T. Do, Los Angeles, California. Human Biology, with Distinction Ian Kunkel Dobson, Klamath Falls, Oregon. Political Science Marlene Perez Dominguez, San Pablo, California. Human Biology and Sociology Jeremy Lang Donnell, San Francisco, California. Economics Margo Alexis Marie Dow, Inglewood, California. Political Science Kiel Thomas Downey, Carpinteria, California. International **Relations and Linguistics** Casey Li Driskill. Urban Studies, with Distinction Chelsea Elizabeth Dudek, Ferndale, Washington. Communication Jessie Sayre Duncan. International Relations, Departmental Honors Program Matthew Clinton Dyer. English Tiffany Rachel Early. Human Biology, Departmental Honors Program Stephanie M. Early. International Relations, Interdisciplinary Honors Program in Latin American Studies, with Distinction Robert Isaac Edgar, Miami, Florida. Public Policy, Departmental Honors Program Sally Kitchell Edwards, Scottsdale, Arizona. Philosophy, Interdisciplinary Honors Program in Humanities Jamie Krista Einerson. Psychology Bonawyn Chauncy Eison, Stockton, California. Economics Ryan William Eklund. Urban Studies Eric Rosser Eldon, Corvallis, Oregon. International Relations Jonathan Douglas Eldon, Corvallis, Oregon. Philosophy Christopher Paul Emme. Economics Michael Galen Endler. English Lisa Christine Engel, Ventura, California. International Relations Laura Elaine Epler, Edmonds, Washington. Political Science, with Distinction Mahan Esfahani. Music, with Distinction Susana Esparza. Political Science Kira Elizabeth Evans, Baltimore, Maryland, Human Biology Joseph Alexander Fairbanks, Norman, Oklahoma. International Relations, Departmental Honors Program Julie Anne Farrell, Washington, New Jersey. Communication Victoria Ann Louise Fayer, Stanford, California. International Relations Eric Curtis Feeny, Woodside, California. History Elysa Wesley Fenenbock. Art, Field: Studio Art Katharyn Mulcaire Field, Boca Raton, Florida. Public Policy, Departmental Honors Program Vikram Fielding-Singh, Tucson, Arizona. Economics, Departmental Honors Program, with Distinction Daniel Edward Fink, Franklin Lakes, New Jersey. Human Biology Nathan Scott Fitzgerald. Music Julian Marin Flores, Modesto, California. International Relations Erick Alexander Flores, Burbank, California. Communication, with Distinction Tatiana Forero Puerta, Sonora, California. Philosophy and **Religious Studies** Adam Michael Forest, Fort Collins, Colorado. Philosophy, Interdisciplinary Honors Program in Ethics in Society Alexis Amy Franchesca Franklin. Political Science Richard Ross Franklin. International Relations Robert Wellington Fraser IV, Charlotte, North Carolina. Economics, with Distinction

Shani A. Fregia, Seattle, Washington. Communication Juliet Rose Frerking, Austin, Texas, International Relations, Departmental Honors Program Anne Kiehl Friedman, Hillsborough, California. Political Science and Sociology, Departmental Honors Program Zoe Ruth Friedman-Cohen. Humanities, Interdisciplinary Honors Program in Humanities Naishin Fu, Austin, Texas. Human Biology Jason Edward Fuentes, El Paso, Texas, Communication and Psychology Jamie Lauren Funamura, Stockton, California. Human Biology, Departmental Honors Program Christopher Craig Gaines, Salinas, California. Human Biology Esteban Neftaly Galvan, Sylmar, California. Chicana and Chicano Studies, Departmental Honors Program Kristin Elizabeth Gangwer, Oklahoma City, Oklahoma. Anthropological Sciences Alida Marie Garcia, Laguna Niguel, California. Communication Elba Guadalupe Garcia, Los Angeles, California. Anthropological Sciences, Departmental Honors Program Yesenia Garcia-Perez, Tulare, California. Political Science and Spanish, Departmental Honors Program Ravi Kumar Garg. Cultural and Social Anthropology, Departmental Honors Program Crystal Patrice Garland, Lake City, South Carolina. African and African American Studies, Departmental Honors Program Kelly Mary Garneski, Seattle, Washington. Human Biology Corinne Andrea Gartner, Columbia, Maryland, Philosophy, Departmental Honors Program, with Distinction Cristina Mercedes Garza. Communication Kfir Gavrieli, Los Angeles, California. Economics, with Distinction Aaron SD Gelband, New York, New York. Economics, Departmental Honors Program, with Distinction Matthew Judah Gentry, Grants Pass, Oregon. Human Biology Gillian Rose Gentry, Palo Alto, California. English, with Distinction Victoria Abbie Gevlin, Scottsdale, Arizona. History Christine Emilie Ghatan, San Marino, California. English, with Distinction Bobby D. Ghosh, Salem, Oregon. Economics Kea Diana Bliss Gilbert, Newton, Massachusetts. Human Biology Hart Windsor Gilula, Los Angeles, California. Humanities, Interdisciplinary Honors Program in Humanities Raphael J. Ginsburg, Evanston, Illinois. History, Departmental Honors Program, with Distinction Erin Anastasia Gleason, Seattle, Washington. Communication Naomi Gleit, Brooklyn, New York. Science, Technology, and Society Jason Edward Glick, Pittsburgh, Pennsylvania. Humanities, Interdisciplinary Honors Program in Humanities, with Distinction Julia Gabrielle Glicken, Englewood, Colorado. Economics Curtis Dale Goehring, Gillette, Wyoming. Political Science and Psychology Jeane Marie Goff, Salem, Oregon. Communication Molly Anne Goldberg, Marshfield, Vermont. Feminist Studies, with Distinction Jeremy Kasile Goldberg, Menlo Park, California. History, with Distinction Jessica Lyn Goldman, California. English Shirin Mina Colkar. English Luis Guillermo Gonzalez, San Antonio, Texas. Political Science Karl Benjamin Goodman, Colfax, Iowa. English Margaret L. Goodnough. Philosophy and Urban Studies

Amy Elizabeth Grady, Norwich, Connecticut. Sociology Jennifer Lyn Grant, Sherman Oaks, California, Human Biology, Departmental Honors Program Kaitlin Ann Greene. Psychology, Departmental Honors Program, with Distinction Rafael Francisco Grijalva, Redmond, Washington. International Relations Logan Micail Grosenick, Milwaukee, Wisconsin. Psychology Lauren Brittany Gross, Marblehead, Massachusetts. Economics, Departmental Honors Program Anderson Ward Grubb. Public Policy, with Distinction Alisa Louise Gubatayao, Ketchikan, Alaska. Human Biology Ryan Guiboa, Whittier, California. Political Science Kenneth Robert Gundle, Portland, Oregon. Human Biology, Departmental Honors Program Aleksander Gurevich, Los Angeles, California. International Relations Carolina Sofia Gutierrez, Monterey, California. German Studies and Psychology Ron Gutmark, Cincinnati, Ohio. Human Biology, Departmental Honors Program Genevieve Karlie Guzman, Studio City, California. English Natalie Rose Haddox, Tahlequah, Oklahoma. Human Biology Leahi Davis Naone Hall, Haiku, Hawaii. Cultural and Social Anthropology Abby Jean Hall. Anthropological Sciences Dustin Shawn Hambright, El Cajon, California. Economics Rebecca Jean Hammon, Los Alamos, New Mexico. Human Biology Justin Hope Han, Torrance, California. Economics Tess Hand-Bender, Denver, Colorado. Philosophy, Departmental Honors Program, with Distinction Kelsey Comerford Hanson. Religious Studies Hunter Reed Hargraves, Sammamish, Washington. History and Political Science Brian Haven Harris. Communication Maria Harsha, San Antonio, Texas. African and African American Studies, Departmental Honors Program Scott Edward Hartley, Palo Alto, California. Political Science Michael T. Hasper, Tallahassee, Florida. Economics, Departmental Honors Program Nicholas B. Hawkins, Kaysville, Utah. Economics Mari Rebecca Hayman, Marysville, Washington. Comparative Literature, with Distinction Ryan Christopher Hebert, Kalamazoo, Michigan. Anthropological Sciences, Departmental Honors Program Matthew Thomas Hehman, Lake Forest, Illinois. Economics Dominic Maximilian Heil, Saint Helena, California. International Relations Mabrookah Gamal Heneidi, Rolling Hills Estates, California. Human Biology Matthew Jason Henick, Great Neck, New York, Science, Technology, and Society Cynthia Allison Henn, Orange County, California. Public Policy Joshua Irving Herlands, Clarks Summit, Pennsylvania. International Relations, Departmental Honors Program, with Distinction Patricia Hernandez, Houston, Texas. Classics and English Luanne Sylvia Hernandez, Montebello, California. Psychology Elisa Hernandez, Pico Rivera, California. Psychology Katherine Martha Hill, Washington, District of Columbia. International Relations, Departmental Honors Program, with Distinction

Michael Frank Hill, San Diego, California. German Studies, with Distinction Paloma Edwina-Villanueva Hill, San Diego, California. Native American Studies and Political Science Eve Patterson Hill-Agnus. English, Departmental Honors Program, with Distinction Michael Victor Hipolito, Huntington Beach, California. Psychology, Departmental Honors Program Shyan Yin Ho. Human Biology Jacqueline Phuong Thuy Hoang, West Hills, California. English Stanley T. Hoang, Thousand Oaks, California. Human Biology, Departmental Honors Program, with Distinction Yen Phi Hoang, San Jose, California. Human Biology, Departmental Honors Program Jennifer Michele Hobdy. Psychology, with Distinction Ahimsa E D Hodari, San Francisco, California. Public Policy, Departmental Honors Program Emilia Rene Hofmeister. History Jack MacGregor Hogan, Whitefish Bay, Wisconsin. Public Policy, Departmental Honors Program Kendall Jean Holland. Psychology Kevin James Holmes, Alameda, California. Human Biology, Departmental Honors Program, with Distinction Deborah Woonyoung Hong, Northbrook, Illinois. Psychology Jung Kuk Hong, Seoul, Republic of Korea. Economics Lucy Elise Horton. Human Biology, Departmental Honors Program Timothy Dennison Houghton, Harrison, New York. Political Science Ryan S. Hsi, Claremont, California. Chinese, with Distinction Leon Norman Hsu, Los Altos Hills, California. Human Biology Nina Marie Hsu. Political Science, Interdisciplinary Honors Program in International Security Studies Jennifer Lee Hucke, Fallon, Nevada. Human Biology Michael Alexander Oakes Huddleson, Washington D.C., District of Columbia. Philosophy Renee Lynn Hudson. English Erica Josefa Huerta, Hercules, California. East Asian Studies James Edgar Huffman, Bryant, Arkansas. Drama Efundunke Abike Hughes. African and African American Studies and English Kalikolehua Kilia Hurley, Mililani, Hawaii. Economics, Departmental Honors Program Ajani Barclay Husbands, Rosharon, Texas. International Relations Ryan Steven Huss, Panama City, Florida. Human Biology Benjamin Huston, Gilbert, Arizona. American Studies, Departmental Honors Program, with Distinction Martha Francine Hutton, Ukiah, California. Political Science Kelly Hwang, Cerritos, California. Economics Andrew Hwang, San Marino, California. Human Biology, with Distinction Sage Elliman Hyman, Malibu, California. Human Biology Amy Lisa Isaacs Koplowicz, Victoria, Canada. History, Departmental Honors Program Lynsie Harumi Ishimaru, Sacramento, California. Archaeology Edward Sylvanus Iskandar, Bali, Indonesia. Drama, Interdisciplinary Honors Program in Humanities Sarah Laurel Israel, San Diego, California. Human Biology Damondrick Maurion Jack, San Antonio, Texas. Music Daniel Nicholas Jackson, San Antonio, Texas. Drama, Departmental Honors Program John Anthony Jackson, Mesquite, Texas. History Skyler Dion Jackson. Psychology Peter Shaun Jaffe, Herndon, Virginia. History

Andrew Allan James. Economics Matthew Stephen Janusz, Littleton, Colorado. Psychology Paul D. Janzer, Brookfield, Wisconsin. Political Science Eric Daniel Jasper, Los Angeles, California. Music and Political Science Rose Elena Jenkins, Missouri City, Texas. Economics and German Studies, Interdisciplinary Honors Program in Education Juhyun Jeong, Republic of Korea. Economics, Departmental Honors Program John Phillip Jett. History, with Distinction Jia Ji. Communication Emilia Paula Jimenez, San Jose, California. Cultural and Social Anthropology Sheila Anjali Joglekar, Greenwood Village, Colorado. Economics Dyani Kalea Jones, Livermore, California. Human Biology Kristen-Jon Ashley Jones, Chicago, Illinois. Political Science and Spanish, Departmental Honors Program Maris Shani Jones, Kensington, California. Human Biology Peachie Lynnette Jones, Paducah, Kentucky. Comparative Studies in Race and Ethnicity Zachary Paul Jones, Carlsbad, California. Public Policy Yosup Joo. Psychology Anthony Joseph. Economics, with Distinction Marisa Celia Juarez, San Antonio, Texas. English Anastacia Cavalcanti Junqueira-DeCarcia, Austin, Texas. Humanities, Interdisciplinary Honors Program in Humanities Katharine Rose Justus. Anthropological Sciences, with Distinction Dawson Kealakekuawela Zenho Kaaua, Honolulu, Hawaii. Economics, Departmental Honors Program Satoko Kakihara, Riverside, California. English and Linguistics Nicole Kang, Wichita, Kansas. Human Biology Ronak Kumud Kapadia, Skokie, Illinois. Comparative Studies in Race and Ethnicity, Departmental Honors Program, with Distinction Joseph Karam, Paris, France. Economics and Psychology Alexandre F. Karam, France. Economics Khalilah Salaam Karim. Urban Studies, Departmental Honors Program Ceinwyn Elizabeth Karne, Oakland, California. History Zachary Aaron Shigeru Katagiri. Psychology, Departmental Honors Program Amy Elisa Keith. Communication Katerina Kelman. Political Science, Departmental Honors Program Meredith Lynne Kendall, Santa Barbara, California. English and Music Tanya Costa Khakbaz, Saratoga, California. Economics, with Distinction Mina Elias Khalil. Philosophy and Political Science, Departmental Honors Program Stefanie Kim. English, Interdisciplinary Honors Program in Humanities Marina Joy Kim, Yorkshire, United Kingdom. International Relations Jennie Kim, Fair Oaks, California. History, Departmental Honors Program Cady Victoria Kintner. Feminist Studies and Psychology Sabrina Elana Kippur, New York, New York. History Meghan Kirby-McFarland, Los Gatos, California. Urban Studies Tara Jade Kirk, Bremerton, Washington. Human Biology

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John Jamison Rote. Urban Studies

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Joseph Anthony Weismantel, Honolulu, Hawaii. Sociology, Departmental Honors Program

fKelly Engel Wells, Pittsburgh, Pennsylvania. Comparative Literature, Interdisciplinary Honors Program in Latin American Studies, with Distinction

Marc Alexandre Whitaker, Sophia-Antipolis, France. International Relations

Kristin E. Wiehe, Palo Alto, California. Philosophy Kristin Anne Wiens, Newton, Kansas. Human Biology,

Departmental Honors Program

Michael Kevin Wiggins, Boca Raton, Florida. Political Science Megan Kathleen Wilcox-Fogel. History, Departmental Honors Program, with Distinction

Milan G. Wiley, Los Angeles, California. African and African American Studies

Clara Lucille Wilkins, Berkeley, California. Psychology, Departmental Honors Program

Lauren Suzanne Willard, McLean, Virginia. Classics, with Distinction

Enita Ann Williams, Chicago, Illinois. Public Policy

Danielle Patrice Madison Williams, Las Vegas, Nevada. Political Science

Tess Lawanna Williams, Philomath, Oregon. Feminist Studies Jessica Renee Williams, Burlington, Iowa. History

Jennifer Carol Williams, Los Angeles, California. Psychology Ellen Elizabeth Willis, Minneapolis, Minnesota. Urban Studies, with Distinction

Douglas Edward Wilson, Princeton, New Jersey. Humanities, Interdisciplinary Honors Program in Humanities, with Distinction Caitlyn Meredith Wilson, Santa Barbara, California. English

Jeremy Charles Wilson, Mesa, Arizona. Cultural and Social Anthropology

Jessica Courtney Winestock. History

Augustus Everett Winkes, Conway, Washington. History, Departmental Honors Program

Sterling Weko Witzke, Sioux Falls, South Dakota. Economics, Departmental Honors Program

LaCona A. Woltmon, Kapaa, Hawaii. International Relations, Departmental Honors Program

Tina Wing-Yun Wong. Music

Melisa Lee Ling Wong, Torrance, California. Human Biology, Departmental Honors Program, with Distinction

Melissa Wong, Vancouver, Canada. Human Biology

Shannon Kathleen Wood, Evergreen, Colorado. English

Emily Kettering Wood, Whittier, California. English

Tamara Marie Woodson. International Relations

Katherine Miya Woolfalk, Scarsdale, New York. History

Meklet Workneh. Human Biology

Andrew Ryan Wright, Yuba City, California. Political Science, Departmental Honors Program

Grace Wei Yuan Wu. English

Wenfei Xie, Leavenworth, Kansas. Human Biology, with Distinction

Jennifer Yang, Fremont, California. Human Biology Liu Yang, San Diego, California. Economics

Aslihan K. Yetis. Economics and Sociology

Avichai Tzvi Yotam, Palo Alto, California. Political Science Daniel Henry Young. History, Departmental Honors Program

Natalie Naomi Young, Pearl City, Hawaii. Human Biology, Departmental Honors Program

Kristen Elaine Yturralde, San Diego, California. English Chi-Keung Peter Yu, Westfield, New Jersey. Economics Deborah Won Joung Yun. Science, Technology, and Society Kenan Jedi Zamore, Roseau, Dominica. Anthropological Sciences

Shirin Yasaman Zarafshar. History

Shuo Zhai. Economics and Music, with Distinction Jenny Jianing Zhang, Glen Cove, New York. Comparative Studies in Race and Ethnicity

Michael LiRen Zhang, Bloomington, Minnesota. Economics Ming Zhu, Jenison, Michigan. International Relations, Interdisciplinary Honors Program in International Security Studies

Lawrence Richard Zieske, Union City, California. Psychology Jennifer A. Zimbroff, Upland, California. Political Science and Psychology, Departmental Honors Program, with Distinction Brigitte Aimee Zimmerman, Minnetonka, Minnesota. Public Policy, Departmental Honors Program

Ω.

Bachelor of Science

Degrees Conferred September 30, 2004

Alexandra March Bright. Biological Sciences, Departmental Honors Program

Dawnis Mong-Lai Chow, San Jose, California. Biological Sciences

Robert Paul DeConde, Santa Barbara, California. Biological Sciences

Michael C. Frank. Symbolic Systems, Departmental Honors Program

Craig Patrick Giacomini, Atherton, California. Biological Sciences, Departmental Honors Program

Karamveer Singh Jhawar, Henderson, Nevada. Biological Sciences, Departmental Honors Program, Interdisciplinary Honors Program in International Security Studies, with Distinction

Dustin Alex King, Sacramento, California. Physics, with Distinction

Seung Se Lee, Los Angeles, California. Biological Sciences Haben Ghebre Michael. Mathematics

Benjamin Caleb Patton, Seattle, Washington. Symbolic Systems Gurucharan Prabhakara. Biological Sciences

Elizabeth Keiko Williams, Palos Verdes Estates, California. Physics

Olivia Ruth Woolley. Mathematical and Computational Science

Bachelor of Science

Degrees Conferred January 6, 2005

James Clement Burns. Mathematics

Alexander S-Ban Chen, Irvine, California. Mathematics, Departmental Honors Program

Michael Liang-Kai Chiou, Milpitas, California. Biological

Sciences, with Distinction

Michael Jianting He, Plantation, Florida. Mathematics

Chao-Wen Huang. Biological Sciences

Jade Hwa, Montville, New Jersey. Biological Sciences

Ryan Elliott Landfield, Hutchinson Island, Florida. Physics, Departmental Honors Program

Luke Johnson Lindley, Kimberly, Idaho. Biological Sciences, with Distinction

Thomas Judson Ashmead McClain. Physics

Thomas Dean Thomas. Mathematical and Computational Science

Nirali Vora. Biological Sciences

Mark Joseph Zavislak, Burr Ridge, Illinois. Mathematical and Computational Science, with Distinction

Ω,

Bachelor of Science Degrees Conferred March 31, 2005

Trevor R. Austin, San Diego, California. Symbolic Systems Gavin Patrick Calkins. Symbolic Systems

Peter Jonathan Carlson. Biological Sciences, with Distinction Elisabeth Jenefer Diver, Wilmington, Delaware. Biological Sciences

Rudolf Peter Faust, Lexington, Massachusetts. Biological Sciences, Departmental Honors Program

Ziyad Bahije Jabaji, Diamond Bar, California. Chemistry, with Distinction

Maneesh Gupta Kumar, Wichita, Kansas. Biological Sciences Brian Patrick Mathy, Fullerton, California. Biological Sciences Aaron Joseph Mintz, Memphis, Tennessee. Symbolic Systems Matthew David Mrazek, Bethesda, Maryland. Biological Sciences

Sean Michael O'Neill, Beaverton, Oregon. Biological Sciences Rachel Rebecca Sperling, San Diego, California. Biological Sciences, with Distinction

Aleksandr Tomashevskiy. Mathematics

Andrew Walter Unzeitig, Laredo, Texas. Biological Sciences Paul Christopher Wilkins, Portland, Oregon. Mathematical and

Computational Science, Departmental Honors Program

Wesley James Williamson, Paulines, South Carolina. Biological Sciences

Celeste Shee-Mei Wong, Hercules, California. Symbolic Systems **Catherine Yin-san Wong**, Glenview, Illinois. Mathematical and Computational Science, with Distinction

Oded Wurman, Palo Alto, California. Biological Sciences

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Bachelor of Science Degree Candidates, June 12, 2005

Mustafa Abbas, Lahore, Pakistan. Mathematics Alexander Russell Abela, Santa Maria, California. Chemistry William Oldenburg Adams, Sacramento, California. Mathematics, Departmental Honors Program Linnea Ann Aiello, Green Lane, Pennsylvania. Biological Sciences, Departmental Honors Program Jonathan Scott Alden, Lake Worth, Florida. Physics Anselmo Jose Alonso, San Antonio, Texas. Biological Sciences Magdalene Alonzo. Biological Sciences Yelina Alvarez, Havana, Cuba. Biological Sciences, Departmental Honors Program Laurel Kristen Anderson, West Linn, Oregon. Biological Sciences Michael Richard Areen, Sacramento, California. Mathematical and Computational Science, Departmental Honors Program Cassandra Mabel Armstead-Williams, Moorestown, New Jersey. Physics

Michael Raffi Asmar, Troy, Michigan. Mathematical and Computational Science, Departmental Honors Program, with Distinction

Erin Eileen Atkinson, Mountain View, California. Chemistry Oshiomogho Isaac Atogwe, Windsor, Canada. Biological Sciences

David Herron Auld, Aspen, Colorado. Mathematics Brian Joshua Belmont, Allentown, Pennsylvania. Biological Sciences, Departmental Honors Program, with Distinction Brandis LaBelle Belt, South Orange, New Jersey. Biological Sciences, Departmental Honors Program

David Andrew Roger Berlekamp. Mathematics, Departmental Honors Program

Erem Huston Boto, Baltimore, Maryland. Biological Sciences, Departmental Honors Program

Allison Kristi Brincat, Huntington Station, New York. Biological Sciences

Katarzyna Bryc, Loveland, Ohio. Mathematical and Computational Science, Departmental Honors Program Andrew William Buck. Biological Sciences, with Distinction Erin Loette Burdette, Jackson, Georgia. Biological Sciences Renee Danielle Burrull, El Paso, Texas. Biological Sciences Jorge Alejandro Caballero, Corona, California. Chemistry

Scott Moore Carlson, Seattle, Washington. Chemistry, Departmental Honors Program, with Distinction

Devin Victoria Carter, Columbia, Missouri. Symbolic Systems Ambar Jazmin Carvalho, Fremont, California. Science, Technology, and Society

Tatiana Lutra Watson Catanzarite. Biological Sciences, Departmental Honors Program, with Distinction

Trevor Chufay Chan, San Francisco, California. Biological Sciences, Departmental Honors Program

William Yen-Chieh Chan, Winnetka, California. Mathematical and Computational Science

Stephanie Waygwen Chan. Biological Sciences, Departmental Honors Program

Heitor Chang, São Paulo, Brazil. Mathematical and Computational Science

Darice Emily Chang. Mathematics

Eric Adam Chase. Mathematics, Departmental Honors Program Jose Fernando Chavez, Pharr, Texas. Biological Sciences, Departmental Honors Program

Andrew Chen, Columbia, Maryland. Physics

Connie Marie Chen, Upland, California. Biological Sciences, Departmental Honors Program, with Distinction

Jenny Chun-Yi Chen. Mathematics

Michael Sean Chen, Anaheim, California. Biological Sciences Joy Candace Chen, Foster City, California. Biological Sciences,

Departmental Honors Program

Charina L. Choi, Lexington, Massachusetts. Chemistry, Departmental Honors Program

Alexander Angiolillo Cochran, Dedham, Massachusetts. Symbolic Systems

Agnieszka Dorota Czechowicz, Woodbury, Minnesota. Biological Sciences, Departmental Honors Program Lydia Daboussi, El Cajon, California. Biological Sciences, Departmental Honors Program Vu Hung Dang, Houston, Texas. Biological Sciences,

Departmental Honors Program Adrian Carlos De La Mora, Los Angeles, California. Symbolic Systems

Donald Louis Edward Diaz, Chula Vista, California. Mathematics **Diana Christine Dinh**, Grand Blanc, Michigan. Chemistry

Michelle America DuVigneaud, Philo, California. Biological Sciences Gregory Tyler Eastman, West Salem, Wisconsin. Symbolic Systems Jonathan Douglas Eldon, Corvallis, Oregon. Biological Sciences Rania Ahmed Eltom, Chattanooga, Tennessee. Science, Technology, and Society Jamie Kamel Fitzgerald, Southlake, Texas. Symbolic Systems, Departmental Honors Program Eric Daniel Foley, Denver, Colorado. Mathematics Jonathan Henry Frank. Symbolic Systems Lauren Elaina Friedman, Newport Beach, California. Science, Technology, and Society Melissa Jane Fullwood, Singapore, Singapore. Biological Sciences, Departmental Honors Program, with Distinction Varun Ganapathi, Wayland, Massachusetts. Physics Allison Faywing Gaw, Arcadia, California. Biological Sciences, Departmental Honors Program Joel Daniel Gedalius, North Woodmere, New York. Symbolic Systems Christine Emilie Ghatan, San Marino, California. Biological Sciences, with Distinction Bobby D. Ghosh, Salem, Oregon. Biological Sciences Hermione Sarah Giffard, Los Altos, California. Physics Lisa Marie Gillette, Fairbanks, Alaska. Biological Sciences Sara E. Golden, Folsom, California. Mathematics, with Distinction Shirin Mina Golkar. Biological Sciences Eduardo Gonzalez, Hayward, California. Chemistry Jamison Mitchell Green, Mercer Island, Washington. Biological Sciences Logan Micail Grosenick, Milwaukee, Wisconsin. Biological Sciences, Departmental Honors Program Galen Guerrero-Murphy, Alamosa, Colorado, Science, Technology, and Society Brigitta Bulinski Gundersen, Leonia, New Jersey. Biological Sciences, Departmental Honors Program, with Distinction Kara Melinda Guzman, Burr Ridge, Illinois. Biological Sciences Aria Delier Haghighi, West Hills, California. Mathematics, with Distinction Jennifer Han, Bowie, Maryland. Biological Sciences Jameel Amir Haralson. Symbolic Systems Richard Neal Harris, San Diego, California. Mathematics and Symbolic Systems Katherine Diane Hart. Biological Sciences, Interdisciplinary Honors Program in Ethics in Society Michael T. Hasper, Tallahassee, Florida. Biological Sciences, Departmental Honors Program Benjamin Godtland Hassid. Biological Sciences, Departmental Honors Program, with Distinction Arvel Hernandez. Symbolic Systems Forrest Lee Hetherington, Corvallis, Oregon. Physics Kevin Lee Hetherington. Biological Sciences, Departmental Honors Program Jonathan Lee Hill. Mathematical and Computational Science Michael Victor Hipolito, Huntington Beach, California. Biological Sciences, Departmental Honors Program Marie Alice Hollenhorst, Saratoga, California. Biological Sciences, Departmental Honors Program, with Distinction Jason L. Hom. Biological Sciences, with Distinction Deborah Woonyoung Hong, Northbrook, Illinois. Biological Sciences, Departmental Honors Program Ryan S. Hsi, Claremont, California. Biological Sciences, with Distinction

Jennifer Lin Hsiao, Culver City, California. Biological Sciences, with Distinction Stephanie Weizhe Hu, Honolulu, Hawaii. Biological Sciences, Departmental Honors Program, with Distinction Jonathan Chung-Kuan Huang, Herndon, Virginia. Mathematics, Departmental Honors Program Gary Boray Huang, Appleton, Wisconsin. Mathematics, with Distinction Afraaz Rustom Irani. Biological Sciences and Computer Science, Departmental Honors Program Michael Patrick Jackson, Pennington, New Jersey. Biological Sciences and Earth Systems Suneil Kumar Jhamb, Mill Valley, California. Biological Sciences and Physics Michelle Binder Jonelis, Tiburon, California. Biological Sciences Jonathan Richard Jones, San Jose, California. Science, Technology, and Society Bryan Philip Jonsson, Sacramento, California. Biological Sciences Anthony Joseph. Biological Sciences, with Distinction Henry Jung. Chemistry, Departmental Honors Program David C. Kale. Symbolic Systems, with Distinction Jared Daniel Kaplan, Lemont, Illinois. Mathematics and Physics, Departmental Honors Program, with Distinction Ariela Ora Karasov, Madison, Wisconsin. Biological Sciences, Departmental Honors Program Matthew Tyler Kaufman, Chatsworth, California. Symbolic Systems, Departmental Honors Program, with Distinction Alexander Perry Kehlenbeck, Welleslev, Massachusetts. Mathematics, Departmental Honors Program, with Distinction Christopher Khamphoune, Fresh Meadows, New York. **Biological Sciences** Heesoo Kim, Palo Alto, California. Symbolic Systems Sei-Gyung Kim. Biological Sciences Ted Ritchie Kolberg. Physics Kathleen Mattson Kollitz, North Oaks, Minnesota. Symbolic Systems Carina Cayun Koo, Fresno, California. Symbolic Systems Alison Miller Kruger. Biological Sciences James Chun Kung, Sacramento, California. Symbolic Systems, Departmental Honors Program Joseph Kwack, Diamond Bar, California. Biological Sciences Steven Chin Kwan, Seattle, Washington. Chemistry, with Distinction Michel Amma-Serwaa Kwarteng, Dallas, Texas. Science, Technology, and Society Paul Laddis. Biological Sciences, Departmental Honors Program Brenden Wright Lane, Wyoming, Ohio. Mathematical and Computational Science Lester Gee Wai Lau, Honolulu, Hawaii. Mathematical and Computational Science Taraz Geola Lee, Manhattan Beach, California. Symbolic Systems Jeffery Hwang Lee, Sugar Land, Texas. Biological Sciences Michelle I-Ching Lee, Edison, New Jersey. Symbolic Systems Woojin Lee, Seoul, Republic of Korea. Mathematics Emily Kate Lehrman, Redlands, California. Biological Sciences, Departmental Honors Program, with Distinction Franda Li. Mathematics, Interdisciplinary Honors Program in Science, Technology, and Society Elizabeth Abigail Libby, Woodside, California. Physics, Departmental Honors Program

Shaowei Lin, Singapore. Mathematics, Departmental Honors Program, with Distinction Jennifer Yeong-Kang Lo. Biological Sciences Brett Louis Lockspeiser, Denver, Colorado, Symbolic Systems, Departmental Honors Program Gabriel Brian Loeb, Tucson, Arizona. Biological Sciences Melinda Marron Lopez. Biological Sciences Michael Isaiah Love, Virginia Beach, Virginia. Mathematics, with Distinction Trevor David Lovett. Mathematical and Computational Science Natalie Therese Lozano. Biological Sciences Garving Kevin Luli, San Francisco, California. Mathematics, Departmental Honors Program Katherine Ellen Luna, Encino, California. Mathematics and Physics, Departmental Honors Program Thanh-Thuy Thi Luong, El Monte, California. Biological Sciences Diana Christine Lutan, Plano, Texas. Biological Sciences, with Distinction Shaun Micah Lysen, Hibbing, Minnesota. Mathematical and Computational Science, Departmental Honors Program Menyoli Michael Malafa, Madison, Wisconsin. Biological Sciences Erica Megan Maland, Federal Way, Washington. Biological Sciences Mohan Krishna Mallipeddi, San Jose, California. Biological Sciences Bryan John McColgan, Camp Hill, Pennsylvania. Biological Sciences, Departmental Honors Program Robert Puryear McConnell, McLean, Virginia. Physics, Departmental Honors Program, with Distinction Helen Marguerite McLendon, Memphis, Tennessee. Biological Sciences, Departmental Honors Program Danilo Mirkovic, Tivat, Yugoslavia. Symbolic Systems Ariege Misherghi. Science, Technology, and Society, Departmental Honors Program Joshua William Mitchell, Santa Monica, California. Mathematics, Departmental Honors Program, with Distinction Caroline Elizabeth Moore-Kochlacs. Physics Geoffrey C. Morris, Linwood, New Jersey. Symbolic Systems Emily Anne Nahas, Lafayette, California. Biological Sciences Sirisha Narayana, Cupertino, California. Biological Sciences, Departmental Honors Program Raul Nava, Monterey, California. Biological Sciences, Departmental Honors Program Stephen Gordon Naylor. Biological Sciences, Departmental Honors Program Vu Quang Nguyen. Biological Sciences Afua Ofaah Antwi Nyanin, Hamilton Township, New Jersey. **Biological Sciences** Brendan Thomas O'Connor. Symbolic Systems, Departmental Honors Program Andrew Joseph Obara, Irwin, Pennsylvania. Biological Sciences, Interdisciplinary Honors Program in Science, Technology, and Society Emily Allison Ochoa, Boise, Idaho. Biological Sciences, Interdisciplinary Honors Program in Humanities Bobby Otieno Ondago, Mombasa, Kenya. Biological Sciences David Mattes Orr, Belmont, California. Symbolic Systems Harrison Y. Osaki, Salinas, California. Chemistry Iris Marie Otani, Seaside, California. Biological Sciences, with Distinction Andrew Wei-Hau Ow, Los Gatos, California. Biological Sciences Andrew Daniel Parker, Wellesley, Massachusetts. Symbolic Systems Martina Anatolievna Pavelko, South Lake Tahoe, California. Science, Technology, and Society

Honors Program Connie Phong, Long Beach, California. Mathematical and Computational Science Julie Ann Pitts. Biological Sciences, Departmental Honors Program James Matthew Quigley, Lenexa, Kansas. Biological Sciences Gary James Raichart, Roanoke, Indiana. Mathematical and Computational Science, with Distinction Amrit Kumar Rao, Saratoga, California, Biological Sciences, with Distinction Darryl Andrew Reeves, Willingboro, New Jersey. Symbolic Systems Adam Harold Reichert. Physics, with Distinction Stewart Maeder Rhoads, San Francisco, California. Chemistry Michelle Gabrielle Rooks. Biological Sciences Jeffrey Thomas Russell, Bellingham, Washington. Mathematics, with Distinction Arjun Rustagi, Palo Alto, California. Biological Sciences Karina Inez Salazar, Norwalk, California. Biological Sciences Wael Ibrahim Salloum, Taalabaya, Lebanon, Mathematical and Computational Science, Departmental Honors Program Andrew Ceejay Sand, Marietta, Georgia. Mathematical and Computational Science Rajandeep Singh Sandhu, San Jose, California. Biological Sciences Ritu Rani Sarin, Waterloo, Iowa. Biological Sciences Paula Andrea Schaffer. Biological Sciences, Departmental Honors Program Kristin Diann Schleicher, Danville, California. Chemistry, Departmental Honors Program, with Distinction James Lee Schroeder Jr., Wilmette, Illinois. Biological Sciences, Departmental Honors Program Adam Richard Sciambi, Great Falls, Virginia. Mathematical and Computational Science and Physics, Departmental Honors Program, with Distinction Eric Mitchel Segal. Mathematics Howard Hao-Der Shen, Bridgeport, West Virginia. Chemistry Jeanne Shen, Northridge, California. Biological Sciences Jonathan Thomas Shih, Bryn Mawr, Pennsylvania. Symbolic Systems Maiko Shiota. Biological Sciences Shuzhen Sim, Singapore. Biological Sciences, Departmental Honors Program, with Distinction Harvir Singh, Honolulu, Hawaii. Biological Sciences, Departmental Honors Program Caroline Reiss Smetana, New York, New York. Mathematical and Computational Science, Departmental Honors Program Matthew Hollander Smith. Physics Jasmine Raquel Smith, Chino Hills, California. Biological Sciences Alexander David Smyth, Baton Rouge, Louisiana. Mathematical and Computational Science Carlos Antonio Soto, Bellflower, California. Biological Sciences Hilary Spencer, East Northport, New York. Symbolic Systems, Departmental Honors Program J'Leise Danyle Springer, Cambee, Trinidad and Tobago. **Biological Sciences** Mahesh Srinivasan, Los Altos, California. Symbolic Systems, Departmental Honors Program, with Distinction Emily Laura Stenseng, Harlingen, Texas. Biological Sciences Robin Jean Stevens, Richmond, Texas. Biological Sciences, Departmental Honors Program, with Distinction Jonathan Brady Stocking, Martinsburg, West Virginia.

Kate Elizabeth Pedatella. Biological Sciences, Departmental

Kejia Sun, New Brighton, Minnesota. Biological Sciences and Electrical Engineering Jenny Ta, Alhambra, California. Biological Sciences Presh Uday Talwalkar. Mathematics, with Distinction Sau Ming Tam, Alhambra, California. Biological Sciences Meraf Tedla, Roseville, Minnesota. Biological Sciences Molly Fisher Thomas, San Francisco, California. Biological Sciences, Departmental Honors Program Brinda Ann Thomas, Derwood, Maryland. Physics, Interdisciplinary Honors Program in Environmental Science, Technology, and Policy Mary Huimei Tian. Mathematics Richard Joseph Torres, Panorama City, California. Science, Technology, and Society Daniel Torres-Rangel, San Gabriel, California. Mathematics Thaihoa Tran, San Francisco, California. Biological Sciences Henry Nai-Fu Tsao. Physics Tony Tulathimutte, South Hadley, Massachusetts. Symbolic Systems, Departmental Honors Program Sean Lee Tvan, San Diego, California, Mathematical and Computational Science, Departmental Honors Program Aniebiet-Abasi Uko Benjamin Udofia, Scottsdale, Arizona. **Biological Sciences** Sumeeta Varma, Pittsburgh, Pennsylvania. Biological Sciences, Interdisciplinary Honors Program in Ethics in Society, with Distinction Jade Qiqing Wang. Biological Sciences, Departmental Honors Program Ren Wang. Biological Sciences, with Distinction John Sylvanus Wartemberg, Ghana. Science, Technology, and Society, Departmental Honors Program Gregory Duncan Wayne. Symbolic Systems, Departmental Honors Program Sara Su-Leh Weekly, Austin, Texas. Biological Sciences Christopher Alan Werley, Los Alamos, New Mexico. Chemistry, Departmental Honors Program Daniel Wichs, Brooklyn, New York. Mathematics Christopher Leigh Williams, Potomac, Maryland. Physics, Departmental Honors Program, Interdisciplinary Honors Program in International Security Studies Tess Lawanna Williams, Philomath, Oregon. Physics Daniela Mottel Witten, Princeton, New Jersey. Biological Sciences and Mathematics, Departmental Honors Program, with Distinction Eric Chin Hua Wong, Federal Way, Washington. Mathematics Kara Noelani Wong, Kaneohe, Hawaii. Biological Sciences, Departmental Honors Program, with Distinction Patrick Yee Hong Wong, Vancouver, Canada. Biological Sciences and Electrical Engineering Patrick David Wood, Pomfret Center, Connecticut. Mathematics, with Distinction Jin Xu, Rolla, Missouri. Biological Sciences Vincent Ming-Dao Yau, Cupertino, California. Biological Sciences, Departmental Honors Program, with Distinction Lisa Miyuki Yoshimi, Pearl City, Hawaii. Biological Sciences Kristen Elaine Yturralde, San Diego, California. Symbolic Systems Shirin Yasaman Zarafshar. Biological Sciences, Departmental Honors Program Zhenlu Zhang. Biological Sciences Yuanli Zhou, Palo Alto, California. Mathematics, with Distinction Tiancheng Zhu, San Diego, California. Biological Sciences and Computer Science Qin Zhuang. Mathematics, with Distinction

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Bachelor of Arts and Science Degree Candidates, June 12, 2005

Olujimi Olugbenro Akindele, Miami, Florida. Biological Sciences and Philosophy

Dan Ben-Moshe, Johannesburg, South Africa. Economics and Mathematics

Michael James Deeringer, Sacramento, California. Linguistics and Mathematics

 ${\bf Evan}$ Wade Fox, La Mesa, California. Anthropological Sciences and Earth Systems, Departmental Honors Program

Tyler Freeman Greene, Novato, California. Mathematics and Philosophy

Dana Marie Hornbeak, Laguna Beach, California. Biological Sciences and Spanish, Interdisciplinary Honors Program in Latin American Studies, with Distinction

Smita Suhas Joshi, St. Catharines, Canada. Biological Sciences and Psychology

Richard Kao. Biological Sciences and Psychology, Departmental Honors Program

Kerin Simone Lanyi, Richmond, Virginia. Chinese and Management Science and Engineering

Susan Jiafeng Li, Lake Oswego, Oregon. Economics and Mathematical and Computational Science, Departmental Honors Program

Martin Brandon Lucas, St. Louis, Missouri. Political Science and Symbolic Systems

Luppe B. Luppen, Los Angeles, California. Biological Sciences and English

Kenneth H. Moon. Economics and Mathematics, Departmental Honors Program, with Distinction

Melissa Morelos. Biological Sciences and Spanish, Departmental Honors Program, with Distinction

James Oluoch Ollunga, Nairobi, Kenya. German Studies and Management Science and Engineering

Pei Ling Ooi, Alor Setar, Malaysia. Chinese and Electrical Engineering

Sonam Tshering Sherpa, Nepal. Economics and Mathematics, Departmental Honors Program

Julie Rebecca Sullivan, River Hills, Wisconsin. Biological Sciences and Spanish

John Lucien Wheaton, Spokane, Washington. English and Physics

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Master of Arts

Degrees Conferred September 30, 2004

Claudia Arrighi, Empoli, Italy. Philosophy

Matthew Francis Barrett, Wellington, New Zealand. Philosophy Mariko Tajima Bohn. Japanese

Nicholas W. Bramble, Wilmington, North Carolina. Modern Thought and Literature

Edward Manning Callahan Jr.. East Asian Studies

Stacey Lynn Camp, Stanford, California. Cultural and Social Anthropology

Allison Brooke Carruth, San Francisco, California. English

Curtiss Lee Cobb III, Chowchilla, California. Sociology

 ${\bf Brian \ Andrew \ Epstein, San \ Francisco, \ California. \ Philosophy}$

Carl Patrick Fischer, Camarillo, California. Spanish

Keri Marie Garas, Santa Barbara, California. Sociology

Ivan Garcia Alvarez, Spain. Linguistics

Karen Elizabeth Gross. English

Darin Justin Hanson, Lake Forest, California. Sociology

Julie Anne Henderson. History Jennifer Hu, Diamond Bar, California. English Jacqueline Denise Jenkins-Glymph, Washington, District of Columbia. Modern Thought and Literature Michael James Keiser, Santa Rosa, California. Russian, East European and Eurasian Studies Erin Lee Kellerhals. German Studies Jong-Seon Kim, Seoul, Republic of Korea. Sociology Brian Gene Kirkbride, San Francisco, California. Comparative Literature Se-Woong Koo, Vancouver, Canada. Art Andrea Lorene Lawson Kortenhoven, Columbus, Ohio. Linguistics Hansook Lee, Seoul, Republic of Korea. Linguistics Verna Chua Lim. Anthropology Joshua David Lustig. Economics Peijie Mao. Chinese Christina Anne McCarroll, Los Altos, California. English Alison Carey McCarthy, Norwood, Massachusetts. Economics Robert Stanton McMillan. Economics Zena Meadowsong. English Natalia Mislavskaya, Redwood City, California. Psychology Marden Fitzpatrick Nichols, Baltimore, Maryland. Humanities Daniel William Osborn, Washougal, Washington. Economics Franco Passacantando, Rome, Italy. Economics Heidi Angela Ramirez. Sociology Michelle Reininger, Brighton, Colorado. Economics Brooke Weddle Ricalde. Spanish Abel Rodriguez, Norristown, Pennsylvania. Latin American Studies Frances Kim Russell. East Asian Studies David Aaron Siegel. Political Science Richard Fredrick Simpson, Cooper City, Florida. Modern Thought and Literature Miguel Juan Socias, Chile. Economics Miruna Andrea Stanica. English Laura Waldron Staum. Linguistics Landon Paige Thorpe, Lubbock, Texas. East Asian Studies Kyla Dona Tompkins, Toronto, Canada. Modern Thought and Literature Julie June Won. Political Science Grace Wong, San Francisco, California. East Asian Studies Xiaofei Yu, Shenzhen, People's Republic of China. Economics

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Master of Arts

Degrees Conferred January 6, 2005 Ulka Shapiro Anjaria. Modern Thought and Literature Katherine Rebecca Barraclough, Moranbah, Australia. East Asian Studies Adam D. Bernstein. Psychology Benjamin Howard Brose. Religious Studies I-Chant Andrea Chiang. Psychology Christina Wei-Yuan Chiou, Clemmons, North Carolina. Spanish Jana Elizabeth Condie, San Marino, California. History Chiara De Cesari. Cultural and Social Anthropology Maha Amin Ezzeddine. History Zuzana Fedorkova, Bardejov, Slovakia. Cultural and Social Anthropology Adriane Evelyn Gamble, Santa Barbara, California. Psychology Matthew Carl Garrett. English Dara Ghahremani, Irvine, California. Psychology

Tracey Lynne Grogan. French Kenji Hasegawa. History Xiaobin He, Xinchang, People's Republic of China. Sociology Ryan Griffin Hunter, Marietta, Georgia. Sociology Mark Rexford Jacobsen. Economics Zhaoxin Jiang, People's Republic of China. History Soong Moon Kang. Sociology Todd Wild Leber, Tucson, Arizona. Sociology Jung-eun Lee. Sociology Steven Sunwoo Lee. Modern Thought and Literature Dorothy Lilly Leung, Paramount, California. Sociology Abigail Ruth Levine, Barrington, Rhode Island. Anthropological Sciences Peter Lombard Lorentzen, Sunnyvale, California. Economics Thomas Frederic Luschei. Economics Tomas Antero Matza. Modern Thought and Literature Mark Alexander McLaughlin, Pacific Palisades, California. History Christian Jesus Mesia, Lima, Peru. Anthropological Sciences Rosa-Mireya Obregon-Mercado, Cd. Obregon, Sonora, Mexico. Music James Wishart Pearce. Economics Sara Manchester Peck, Brooklyn, New York. East Asian Studies Damian Satterthwaite-Phillips, Urbana, Illinois. Japanese Alexander Theodore Sigman, Ringoes, New Jersey. Music Kaisa Elina Snellman, Finland, Sociology Sohi Sohn, Palo Alto, California. Anthropological Sciences Jennifer Lynn Solotaroff, Minneapolis, Minnesota. Economics Katrina Marni Sostek, Takoma Park, Maryland. Philosophy Nikolas Johannes Sturchler, Basel, Switzerland. International Policy Studies William Ramzi Tadros. Economics Nirvana Chassan Tanoukhi. Modern Thought and Literature Hiroko Umegaki, Kaibara, Japan. East Asian Studies Brigid Elisabeth Vance. East Asian Studies Anton Leonard Vander Zee. English Kathryn Lynn Waffle, Palo Alto, California. Classics Jessica Reid Weare, Cape Neddick, Maine. English Samuel Alexander West. East Asian Studies Lisa Michelle Westmoreland, Hatboro-Horsham, Pennsylvania. English Erica Lorraine Williams, Fayetteville, North Carolina. Cultural and Social Anthropology John Benjamin Yousey-Hindes, Colchester, Vermont. History Å

Master of Arts

Degrees Conferred March 31, 2005

Nathaniel Thomas Aden. East Asian Studies Eric Dale Bahn, Camarillo, California. Sociology Tricia Robin Bolle, Yorba Linda, California. East Asian Studies Ruben Dario Builes. Spanish Andre De Mello e Souza, Rio de Janeiro, Brazil. Political Science Rahul Singh Dhillon, Fresno, California. Anthropological Sciences Ronald Maurice Fadel, Tripoli, Lebanon. Economics Patrick Eldon Forber. Philosophy Marwan Daoud A. Hanania. History Jonathan Patrick Herzog. History Miguel Walter Hilario. Anthropological Sciences Indhika Jayaratnam, New York, New York. Cultural and Social Anthropology Bahar Khoshnoudi. Cultural and Social Anthropology Daniel Anthony Lafave. Philosophy Dmitry Levinson, Israel. Linguistics Daniel Wood Mackle. East Asian Studies Jennifer Anne McGrady, San Francisco, California. Communication Lia Garcia Milhoan, San Francisco, California. Sociology Suzanne Mariko Miller. History Kevin Jay Mumford, North Salt Lake, Utah. Economics Andrew Parker. Sociology Irene Patov. Philosophy Rachel Marie Petrocelli. History Achyut J. Phadke, Westborough, Massachusetts. English Kenneth Richard Pockhngton, Dartmouth, Canada. Anthropology Gabriel Branson Rosen, Carmel Valley, California. English Marcus Powell Smith, Washington, District of Columbia. Philosophy Joshua Abram Snyder. Philosophy Dominic Steavu-Balint. Religious Studies Seema Swamy. Communication J Matthew Vaccaro, Woodlake, California. International Policy Studies Michelle Hein Won. Communication David Ming Yin, Saratoga, California. Religious Studies Saadiya Zaki. International Policy Studies ð **Master of Arts** Degree Candidates, June 12, 2005 Rubama Ahmed. International Policy Studies Elizabette Maria Amaral, Half Moon Bay, California. Psychology Francisca Marie Geyer Antman, Chula Vista, California. Economics Maria Esther Arons. Spanish Matthew Bartley Babin, Littleton, Colorado. International

Policy Studies

Sarah Brooke Bagwell, Dallas, Texas. Spanish

Nicole Patricia Barraza, Nogales, Mexico. Spanish

Leila Maryam Ben-Youssef, Sidney, Montana. Anthropological Sciences

Heidi Anne Blobaum, Overland Park, Kansas. Russian, East European and Eurasian Studies

Lian Michal Bloch, Santa Monica, California. Psychology David Bloch Laffite, San Salvador, El Salvador. International Policy Studies

Annette Nikki Borchardt. Cultural and Social Anthropology Bonnie Mae Bratnober, Boise, Idaho. Russian, East European and Eurasian Studies

Kimberly Anne Brizzolara, Metairie, Louisiana. Communication

Michael L. Brown II. Sociology Jamie Allison Brownell, Newport Beach, California. Communication

Bradley Nathaniel Burkett. Music Robin Whitson Burns, Oahu, Hawaii. English Jennifer Ann Carlile, Edgewood, Washington. Music Saskias Y. Casanova, Oak Park, California. Psychology Kimberly Noel Chase. Communication

Yi Ling Cheah, Malaysia. International Policy Studies Joon Nak Choi. Sociology Sarita Mary Chourey. Communication Caroline Marie Ciccone, Duxbury, Massachusetts. Communication Jason Patrick Davis. Sociology Vanessa De la Torre, El Centro, California. Communication Katherine Grace Denny, Pacific Grove, California. Psychology Rachel Elizabeth Derkits, New Providence, New Jersey. Cultural and Social Anthropology Benedict De la Merced Dimapindan, Carson, Cahfornia. Communication Mark Joseph Dominik, Homewood, Illinois. French Jeremy Lang Donnell, San Francisco, Cahfornia. International Policy Studies Serena Willits Down, Seattle, Washington. Communication Maureen Eva Dragan, Alhambra, Cahfornia. Sociology Emily Katherine Duffy, Houston, Texas. Sociology Batsheva Eadan, New York, New York. Psychology Austen Meredith Epstein, Urbanna, Virginia. Sociology Simon Ertz, Berlin, Federal Republic of Germany. Russian, East European and Eurasian Studies Bruno Estigarribia, Buenos Aires, Argentina. Linguistics Erick Alexander Flores, Burbank, Cahfornia. Sociology Jesse Robert Fox. Music Shawn Christopher Gaines. East Asian Studies Bianca V. Garcia, San Diego, California. Sociology Crystal Patrice Garland, Lake City, South Carolina. Sociology Corinne Andrea Gartner, Columbia, Maryland. Philosophy Julie S. Glasser, Scottsdale, Arizona. Russian, East European and Eurasian Studies Amber Kaye Gove. Economics Jonathan Michael Gray. History Anne Marie Guglielmo. Comparative Literature Mark Andrew Hackard, California. Russian, East European and Eurasian Studies Abby Jean Hall. Anthropological Sciences Kevin Christopher Hansen, Newport Beach, California. Communication Matthew Jason Henick, Great Neck, New York. Communication Joshua Irving Herlands, Clarks Summit, Pennsylvania. International Policy Studies Arvel Hernandez. Psychology Christie Elizabeth Herring. Communication Brigitta Suzanne Herzfeld. East Asian Studies Gretchen Chandler Hildebran, San Francisco, California. Communication Anna Chong Ho, Honolulu, Hawaii. Communication Kevin James Holmes, Alameda, Cahfornia. Psychology Joshua Proctor Howe. History Sarah Katherine Hutton. Humanities Sage Elliman Hyman, Malibu, California. Anthropological Sciences Suzanne Sayuri Ii. East Asian Studies Masafumi Iida, Yokohama, Japan. East Asian Studies Ren Ito, Nagoya, Japan. East Asian Studies Matthew Stephen Janusz, Littleton, Colorado. Psychology Minhua Ji, People's Republic of China. Communication Joo Hyun Jin. Anthropological Sciences Shimberlee M. Jiron King. English Laura Fox Jordan. History

Satoko Kakihara, Riverside, California. Linguistics Maureen Singleton Kavanaugh, Norfolk, Massachusetts, English Sofiane Abdelhafid Khatib Ait-Abderrahim, Madrid, Spain. International Policy Studies Jenny Soojin Kim, Chino Hills, California. Classics Leland Dwight Kim, Los Angeles, California. Communication Raymond Andrew Kimball. History Raymond Andrew Kimball. Russian, East European and Eurasian Studies Dustin Alex King, Sacramento, California. Philosophy Katharina Kircanski, Cumberland, Rhode Island. Psychology Tara Jade Kirk, Bremerton, Washington. Anthropological Sciences Jennifer Feng-Chia Kong, Saratoga, California. English Takahiro Koyama, Tokyo, Japan. International Policy Studies Tobias Christof Kuhlmann, Meerbusch, Germany. International Policy Studies Sale Kwon. Sociology Josette Alicia Langevine, Brooklyn, New York. Communication Marie Helene Lasnier. French Chuan-Mei Lee, Arlington, Texas. Modern Thought and Literature Jiyoon Lee, Seoul, Republic of Korea. International Policy Studies Zune Lee, Seoul, Republic of Korea. Music Katherine Greenaway Leggett, Stoughton, Wisconsin. Communication Sasha Nicole Leitman, Central Coast, California. Music Grace Anna Leslie, Encinitas, California. Music Emily Jane Levine. History Zhi Jian Lim, Singapore, Singapore. International Policy Studies Scott Richard Littlefield, Portola Valley, California. International Policy Studies Brandon Matthew Liverence, Wyandotte, Michigan. Philosophy Jennifer Yu Louie, Berkeley, California. Psychology Rebecca Elizabeth Octavia Lowe, High Wycombe, United Kingdom. Communication Karen Marie Martell, Westwood, Massachusetts. Communication Laura Patricia McLendon, Santa Barbara, California. Anthropological Sciences Dylan J. Mefford, Trinidad, California. Sociology Cristina Mercado, Harbor City, California. Psychology Alia Fabbro Moore, Rancho Cordova, California. English Evan Lynn Morrison. Psychology Rhea Medine Moss, Majuro Atoll, Marshall Islands. International Policy Studies Dina Moyal. History Gautham J. Mysore. Music Yuichi Nakai. International Policy Studies Emily Elizabeth Navarrette, Manor, Texas. Anthropological Sciences Hai Binh Thi Nguyen, Chicago, Illinois. Cultural and Social Anthropology Marisa Tai Nicolopoulos, Oakland, California. Psychology Stewart Martin Nielson, Cobham, Surrey, United Kingdom. Sociology Yasuko Nishimura, Japan. International Policy Studies Laura Elizabeth Nowell, Palo Alto, California. Sociology Melissa Lee Ochsner, Irvine, California. Sociology Evan James Otero, Glendale, California. Sociology

Davina Tovah Pardo, Toronto, Canada. Communication Cheol Park. East Asian Studies Vinesh Patel, Midland, Texas. Philosophy Rebecca Ann Pekron, Elmhurst, Illinois. French Benjamin John Paulsen Peters, Iowa City, Iowa. Russian, East European and Eurasian Studies Kristina Linnea Peterson, Silver Spring, Maryland. English Jeanette Gail Pettibone. Linguistics Lila Place. Communication Ryan T. Podolsky, Deerfield, Illinois. Russian, East European and Eurasian Studies Kristin Elizabeth Carlson Primus, Gunnison, Colorado. Humanities Rabindra Ayyan Ratan, New Providence, New Jersey. Communication Felix Reichling, Bonn, Germany. Economics Daniel Winunwe Rivers. History Sophie Beth Roberts, Palo Alto, California. History Nicholas Stromberg Robinson, Liberty, Missouri. Sociology Anna Kathleen Robinson, Tampa, Florida. Sociology Julia Elizabeth Sandler, Mercer Island, Washington. Psychology John Paul Schnapper-Casteras, Bellevue, Washington. Sociology Jamie Tesa Schuman. Communication Michael Contee Seely, Berkeley, California. Communication Gregory Kennedy Sell. Music Ramit S. Sethi, Fair Oaks, California. Sociology Aaron David Shaw. Humanities Noam Silverman, Montreal, Canada. Religious Studies Emily Margaretta Sloan, Los Altos, California. Humanities Shannon Marie Snow, Beaverton, Oregon. Communication Wan-Chi So, Modesto, California. Anthropological Sciences Miguel Solana Pita, Madrid, Spain. International Policy Studies Eugena Song, Ames, Iowa. History Hilary Spencer, East Northport, New York. Philosophy Veronica Lee Spindler, Irvine, California. Sociology Emma Stewart-Teitelbaum. Anthropological Sciences Adam Royston Stone, Santa Barbara, California. Philosophy Scott Andrew Tait, Howell, Michigan. International Policy Studies Shun Takai, Kobe, Japan. Economics Wei-En Tan. Political Science Adrian Tai Loon Tan. International Policy Studies Tanya Ziquan Tang, Singapore. International Policy Studies Susan Wei-An Tieh, Wilmington, Delaware. International Policy Studies Timothy Tomlinson, Palo Alto, California. History Michelle Louise Touton, Fresno, California. Anthropological Sciences Jose A. Trejo, San Angelo, Texas. Religious Studies Catherine Elizabeth Tucker, Oxford, United Kingdom. Economics Julie McGuire Turchin, Newton, Massachusetts. Psychology Petras Vaicius, Vilnius, Lithuania. International Policy Studies Haiyan Wang, Shanghai, People's Republic of China. History Marcella Erin Ward, Alamo, California. Communication Paul Allen Webb. East Asian Studies Joseph Anthony Weismantel, Honolulu, Hawaii. Sociology Elizabeth Gay Weston, Redwood City, California. Humanities Rachel Elizabeth Whitlark. International Policy Studies Lauran Renee Wiesenhutter. English

Michael Kevin Wiggins, Boca Raton, Florida. International Policy Studies

Enita Ann Williams, Chicago, Illinois. Communication Leah Robin Wolchok, Jacksonville, Florida. Communication Sook Young Won, Seoul, Republic of Korea. Music April May Sum Wong. East Asian Studies Xiaoying Xie, Changsha, People's Republic of China. Economics Irene Yeh, East Brunswick, New Jersey. East Asian Studies Sevgi Yuksel, Istanbul, Turkey. Philosophy Pavel V. Zolotsev. Psychology

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Master of Fine Arts

Degree Candidates, June 12, 2005 Catherine Page Harris, San Francisco, California. Art Scott James Hewicker. Art Amy Louise Hicks. Art Arnold Joseph Kemp. Art Stephanie Silva Syjuco, Manila, Philippines. Art

Hoi Ning Wong, Hong Kong. Art

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Master of Science

Degrees Conferred September 30, 2004

Eric David Bair, Logan, Utah. Biological Sciences

Venkatesh Hanumant Rao Chembrolu, Aurangabad, India. Applied Physics

Jean-Francois Teva Edmond Darre, Nouméa, New Caledonia. Statistics

Andreas Eckner, Wiener Neustadt, Austria. Financial Mathematics

Qiang Fu, Jingmen, People's Republic of China. Statistics Volker Genz, Darmstadt, Germany. Financial Mathematics Yonatan Gutman, Haifa, Israel. Mathematics

Xizhao Li, Beijing, People's Republic of China. Statistics Nadejda Tochkova Marinova, Varna, Bulgaria. Biological Sciences

Sheba Najmi, Karachi, Pakistan. Symbolic Systems Heather Roberta Pon-Barry, San Francisco, California. Symbolic Systems

Liang Qiao. Statistics

Kenneth Ron Reisman, Canada. Biological Sciences Wilfred Zhi Zhong Wee, Singapore, Singapore. Financial Mathematics

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Master of Science

Degrees Conferred January 6, 2005

Rachel Marie Baratiak, Santa Barbara, California. Financial Mathematics

James Edward Baumgardner, Worthington, Ohio. Physics Rebecca Lynn Brunson, Poway, California. Statistics Alexander S-Ban Chen, Irvine, California. Financial Mathematics Daniel Alexander Contreras, Pacific Grove, California. Anthropological Sciences Adrian Nielsen Fehr. Applied Physics Brian Willard Gardner, Toronto, Canada. Physics Daniel David Mathematics

Barney Paul Hartman-Glaser, Mill Valley, California. Financial Mathematics

Sachin Jain, New Delhi, India. Financial Mathematics Matthew Jared Jobin. Anthropological Sciences Ting Ma, Karamay, People's Republic of China. Biological Sciences Ryan Edward McCally, Phoenix, Arizona. Biological Sciences Jocelyn Electra Plant. Applied Physics Astrid Utami Prajogo. Financial Mathematics Michelle Rome. Biological Sciences Bin Shan, Ningbo, People's Republic of China. Applied Physics Vitthal Srinivasan, Bombay, India. Financial Mathematics Illya Targoniy, Korosten², Ukraine. Financial Mathematics Nancy Naichao Wang. Statistics Huaqing Wang. Statistics Haipeng Xing. Financial Mathematics Xiaolong Yu. Statistics

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Master of Science

Degrees Conferred March 31, 2005

Dan Nicolae Costinescu, Bucharest, Romania. Financial Mathematics

Russell Frank Cummer, Hong Kong. Financial Mathematics

Bhavin Bharat Doshi, Mumbai, India. Statistics

Benjamin Ari Flusberg. Applied Physics

Patrick Eldon Forber. Biological Sciences

Theresa Ellen Hannon, Madison, New Jersey. Chemistry

Michael Jianting He, Plantation, Florida. Statistics

Stephanie Christina Hoefling. Financial Mathematics

Hyun A. Hong, Seoul, Republic of Korea. Statistics

Jen-Hao Kuo. Biological Sciences

Wan-Ling Lee, Taipei, Taiwan. Biological Sciences

Ting-Chang Lin. Biological Sciences

Christina Renee Maimone. Statistics

Ekaterina Permiakova, Ottawa, Canada. Mathematics

Tiago Coelho Requeijo. Mathematics

Michael Charles Rotkowitz, Old Bridge, New Jersey. Statistics

Robert G. Rudnitsky. Applied Physics

Zheng Su. Financial Mathematics

Chang Hwan Sung, Seoul, Republic of Korea. Financial Mathematics

Aleksandr Tomashevskiy. Financial Mathematics

Gee Liek Yeo. Financial Mathematics

\$

Master of Science

Degree Candidates, June 12, 2005

Dionesia Demetra Adraktas, Hughson, California. Biological Sciences

Charles Monroe Armstrong, Medina, Washington. Anthropological Sciences

Terrence William August, Gallatin, Tennessee. Financial Mathematics

Vlatko Balic, Split, Croatia. Physics

Dan Ben-Moshe, Johannesburg, South Africa. Financial Mathematics

John Colin Cahill, Kentfield, California. Biological Sciences Chiung-Wen Chang, Taipei, Taiwan. Statistics

Qizhi Chen. Statistics

Rachel Brenda Davis, San Francisco, California. Anthropological Sciences

Rose Marie Edmonds, Modesto, California. Biological Sciences Brent David Ershoff, Los Angeles, California. Biological Sciences

Silvia Maria Fernandez Illescas, Brussels, Belgium. Biological Sciences

Samantha Marie French. Biological Sciences

Chad Alan Giacomozzi, Killeen, Texas. Applied Physics Tyler Freeman Greene, Novato, California. Mathematics Yan Gu. Financial Mathematics Haiqiu Guo. Statistics Elana Guslitser. Statistics Yuning He, Xian, People's Republic of China. Statistics Stephen Edward Healey. Physics Brenna Mariah Henn, Redding, California. Anthropological Sciences Jonathan Lee Hill. Financial Mathematics Stanley T. Hoang, Thousand Oaks, California. Biological Sciences Derek Michael Horstmeyer, Palo Alto, California. Financial Mathematics Wei Jin. Financial Mathematics Akifumi Kai, Tokyo, Japan. Financial Mathematics Alexander Perry Kehlenbeck, Wellesley, Massachusetts. Mathematics Heesoo Kim, Palo Alto, California. Symbolic Systems Deborah Nanyoung Kim, Cupertino, California. Biological Sciences Kenneth Adam Kinney, Austin, Texas. Statistics Natalie Nina Kirilcuk. Biophysics Tzu-Ting Kuo. Applied Physics Chin Lum Kwa, Singapore. Financial Mathematics E-Lei Lau, Kuala Lumpur, Malaysia. Financial Mathematics Byong-Ju Lee, Kwangju, Republic of Korea. Statistics Caroline Sujeong Lee. Biological Sciences Donald Kwun Kuen Lee. Statistics Jia Li, Hangzhou, People's Republic of China. Statistics Kuan Ju Liu, Stanford, California. Financial Mathematics Ruixue Liu. Statistics Yifan Liu. Financial Mathematics Kin Chung Kendall Lo, Vancouver, Canada. Financial Mathematics Christopher Michael Lucas, North Providence, Rhode Island. **Biological Sciences** Garving Kevin Luli, San Francisco, California. Statistics James Plammoottil Mammen, India. Statistics Brian Patrick Mathy, Fullerton, California. Biological Sciences Emily Anne Nahas, Lafayette, California. Biological Sciences Devshruti Pahuja, New Delhi, India. Statistics Ramandeep S. Randhawa, New Delhi, India. Statistics Sanam Saaber. Biological Sciences Darren John Salmi, Rodeo, California. Biological Sciences **Dylan Bradley Saloner**. Statistics Andrew Ceejay Sand, Marietta, Georgia. Statistics Marc Howard Schreiber. Physics Andrew Clayton Schultz. Mathematics Shuzhen Sim, Singapore. Biological Sciences Sarah Anne Skikne, Leawood, Kansas. Biological Sciences Caroline Reiss Smetana, New York, New York. Financial Mathematics Benjamin John Spink. Statistics Charlotte Nabseth Stevenson, Los Altos Hills, California. **Biological Sciences** Yue Sun. Statistics Fang Wu. Statistics Tomer Yahalom, Haifa, Israel. Statistics Jie Zhang, Bozhou, People's Republic of China. Statistics

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Doctor of Musical Arts Degrees Conferred September 30, 2004

Damian Keller, Buenos Aires, Argentina. Musical Arts, Final

Project: Paititi: A Multimodal Journey to El Dorado

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Doctor of Musical Arts Degrees Conferred January 6, 2005

Nurit Karin Jugend. Musical Arts

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Doctor of Philosophy Degrees Conferred September 30, 2004

Caroline Marie Ajo-Franklin, St. Louis, Missouri. Chemistry, Dissertation Title: High Resolution Fluorescence Microscopy of Membrane Interfaces

Jennifer Lynn Allen. Art, Dissertation Title: From Specific Medium to Mass Media: The Art Magazine in the 1960s and Early 1970s

Ery Arias-Castro. Statistics, Dissertation Title: Graphical Structures for Geometric Detection

Serkan Arslanalp. Economics, Dissertation Title: Sovereign Debt, Default, and Debt Relief

Matthew Francis Barrett, Wellington, New Zealand. Philosophy, Dissertation Title: *Misrepresenting the Mind*

Puneet Batra. Physics, Dissertation Title: Gauge Extensions of the Supersymmetric Standard Model

Kate LeeAnn Bechtel, Napa, California. Chemistry, Dissertation Title: Liquid-Phase Cavity Ring-Down Spectroscopy and its Application as a Chromatographic Detector

Criscillia Ann Benford, Austin, Texas. English, Dissertation Title: *The Multiplot Novel and the Dynamics of the Victorian Social Order*

Sarah Bunin Benor, Rockville, Maryland. Linguistics, Dissertation Title: Second Style Acquisition: The Linguistic Socialization of Newly Orthodox Jews

Bradford Adam Benson, Middleton, Wisconsin. Physics, Dissertation Title: Spectral Measurements of the Sunyaev-Zel'dovich Effect

Timothy Philip Bloser. Philosophy, Dissertation Title: Feelings and Emotional Evaluation

Paul Francis Boerner, Potomac, Maryland. Physics, Dissertation Title: Coronal Temperature Diagnostics Derived from Multilayer Observations with the Multi-Spectral Solar Telescope Array Caren Elizabeth Braby, San Francisco, California. Biological Sciences, Dissertation Title: Physiological ecology of native and invasive blue mussels (genus Mytilus) in Central California

Danielle Ann Braje, South Bend, Indiana. Applied Physics, Dissertation Title: Low-Light-Level Nonlinear Optics Using Electromagnetically Induced Transparency in Cold Atoms

Jaime Calleja Alderete, Mexico City, Mexico. Economics, Dissertation Title: Essays on the Political Economy of Intergovernmental Grants

Hu Cang, Nanjing, People's Republic of China. Chemistry, Dissertation Title: Dynamics in complex liquids

Adam B. Casdin, New York, New York. English, Dissertation Title: Before Imagination: Literary Reverie's Opening to the Present

Brady Zack Clark, Seattle, Washington. Linguistics, Dissertation Title: A Stochastic Optimality Theory Approach to Syntactic Change Raul Coronado Jr., Dallas, Texas. Modern Thought and Literature, Minor: Cultural and Social Anthropology, Dissertation Title: Competing American Colonial Modernities: Politics, Publishing, and the Making of a U.S.-Mexican Literary Culture Manishita Dass. Modern Thought and Literature, Minor: Cultural and Social Anthropology, Dissertation Title: Outside the Lettered City: Cinema, Modernity, and Nation in India

Yasser Derwiche Djazaerly. German Studies and Humanities, Dissertation Title: Goethe and the Renaissance Court: History, Politics, and Individualism

Cathryn Jane Donohue, Canberra, Australia. Linguistics, Dissertation Title: Morphology matters: Case licensing in Basque

Robert Herbert Doran, Belmont, California. Comparative Literature, Dissertation Title: The Sublime and Modern Subjectivity

Noureddine El Karoui, Paris, France. Statistics, Dissertation Title: Extended validity of Tracy-Widom limiting law, with statistical applications

Jamie Elizabeth Elsila, Grosse Pointe Park, Michigan. Chemistry, Dissertation Title: Astrochemical Studies of Polycyclic Aromatic Hydrocarbons and Fullerenes

Brian Andrew Epstein, San Francisco, California. Philosophy, Dissertation Title: Simple Words and Subtle Things: Toward a Theory of Social Kinds

Christine Giselle Espino, Maspeth, New York. Chemistry, Dissertation Title: C-H Amination Reactions for Organic Synthesis: Discovery, Scope, and Mechanism

Si-Yen Fei, Taipei, Taiwan. History, Dissertation Title: Negotiating Urban Space: The Making and Remaking of the Southern Metropolis in Sixteenth- and Seventeenth-Century China

Matthew David Finkelman, Lexington, Massachusetts. Statistics

Jennifer Mia Fishman. English, Dissertation Title: Active Literacy: Performance and Writing in Britain, 1642-1790 Jianmin Gao, Liaocheng, People's Republic of China. Chemistry, Dissertation Title: Part I. Highly Diverse Polyfluors on a DNAlike Backbone Part II. Novel Genetic System with Expanded Dimension: xDNA

Amelia Glaser, Yountville, California. Comparative Literature, Dissertation Title: The Marketplace and the Church: Jews, Slavs and the Literature of Exchange, 1829-1929

Veronique Godin. Mathematics, Dissertation Title: A Category of Bordered Fat Graphs and the Mapping Class Group of a Bordered Surface

Michel Grueneberg, Lengede, Germany. Mathematics, Dissertation Title: The Yamabe Flow on Low-Dimensional Manifolds

Mikkel Bernt Hansen. Psychology, Dissertation Title: A discourse-based account of young children's understanding on the appearance-reality task Problem

Julie Leah Heiser, San Diego, California. Psychology, Dissertation Title: External representations as insights to cognition: Production and comprehension of text and diagrams in instructions

Giles John Hooker, Newcastle, Australia. Statistics, Dissertation Title: *Diagnostics and Extrapolation in Machine Learning*

John Ross Jameson, Wooster, Ohio. Applied Physics, Dissertation Title: A Semiclassical Theory of Glasses With Application to Hafnia and Zirconia

Adrienne Janus. Comparative Literature, Dissertation Title: A genealogy of murmurs: auditory obsessions and fundamental sounds in literary listening through Beckett

Stacey Marie Jones, Shoreview, Minnesota. Economics, Dissertation Title: The Unexpected Transformation of Women's Higher Education: 1965 to 1980

Ellen Maronee Judd. Applied Physics, Dissertation Title: Diffusion, compartmentalization, and single molecule detection of proteins in bacterial cells Benjamin Eh Kafka, San Diego, California. History, Dissertation Title: The Imaginary State: Paperwork and Political Thought in France, 1789-1860

Navin Kartik, Chennai, India. Economics, Dissertation Title: Essays in Microeconomic Theory

Harold Delasaux Kim, Jeonju, Republic of Korea. Applied Physics, Dissertation Title: *Single Molecule Studies of Dynamic Biological Processes*

Haibo Liu, Beijing, People's Republic of China. Chemistry, Dissertation Title: Studies of a New Genetic System with Expanded Size

James Joseph Marino, Newton, New Hampshire. English, Dissertation Title: Books Made Men: Early Modern Drama and the Fictions of Intellectual Property

Timothy Brian McAnaney, Darien, Connecticut. Chemistry, Dissertation Title: Ultrafast Excited-State Dynamics of Chromophore-Containing Proteins

Frank Laurence McIntyre, Provo, Utah. Economics, Dissertation Title: An Empirical Model of Shadow Markets, the Minimum Wage, and Mandated Non-wage Benefits

Kelly Marie Mcgonigal. Psychology, Dissertation Title: The Social Causes and Consequences of Expressive Suppression: A Longitudinal Study

Amalia Rebecca Miller, Montreal, Canada. Economics, Dissertation Title: Three Essays in Empirical Economics

Elizabeth Anne Morrison. Religious Studies, Dissertation Title: Ancestors, Authority, and History: Chan Lineage in the Writings of Qisong (1007-1072)

Heather Jean Myers, New Castle, Pennsylvania. Psychology, Dissertation Title: *Efficacy*, *Emotion*, and the Adjustment to College

Unjung Nam, Seoul, Republic of Korea. Music, Dissertation Title: A Method of Automatic Recognition of Structural Boundaries in Recorded Musical Signals

Alison Bidwell Pearce, Nutley, New Jersey. Anthropology Russell Clayton Pratt, Vernon, British Columbia, Canada. Chemistry, Dissertation Title: Spectroscopy and reactivity of phenolate/ and phenoxyb copper(II) complexes relevant to the enzyme galactose oxidase

Alan John Prohm. Comparative Literature

Jacquelyn Rahman. Linguistics, Dissertation Title: It's a Serious Business: The Construction of Middle-class White Characters by African American Narrative Comedians

Allen Joseph Romano. Classics, Dissertation Title: First Rites: Origin Stories in Ancient Greek Literature

Mary Alden Schwartzburg. English, Dissertation Title: Reading in Four Dimensions: The Poetics of the Contemporary Experimental Book

Melissa Diane Scott. Biophysics, Dissertation Title: The Role of Molecular Chaperones in the Degradation of Misfolded Proteins in the Eukaryotic Cytosol

Joshua William Shaevitz, Irvington, New York. Physics, Dissertation Title: The Biophysics of Molecular Motors: Optical Trapping Studies of Kinesin and RNA Polymerase

Keith Michael Shaw, Barnegat, New Jersey. Political Science, Dissertation Title: Sustainability in the History of Liberal Thought

Miroslav Yakov Shverdin, Swampscott, Massachusetts. Applied Physics, Dissertation Title: *Single-cycle Optical Pulse Shaping*

William Douglas Smith, Phoenix, Arizona. Anthropology, Dissertation Title: Baroque Modernity: State, Economy, and Socio-Ecology Totonacapan, 1900-2000

Eric Alan Stone, Florida. Statistics, Dissertation Title: *Statistical Advances in Interspecific Data Analysis*

Eric William John Straver, St. Catharines, Canada. Applied Physics, Dissertation Title: Cantilever-Based Measurements on Nanomagnets and Superconductors

Sergiy Terentyev, Kiev, Ukraine. Statistics, Minor: Business, Dissertation Title: Asymmetric Counterparty Relations in Default Modeling

Amy L. Tigner, Rawlins, Wyoming. English, Dissertation Title: England's Paradise: Horticultural Landscapes in the Renaissance Kyla Dona Tompkins, Toronto, Canada. Modern Thought and Literature, Minor: History, Dissertation Title: Kitchen Culture: Eating, Literature and the Body Politic

David Alan Walthall, Stanford, California. Chemistry, Dissertation Title: The Effects of Structural Changes on the Reactivity and Energetics of Gas-Phase Negative Ions

Pei Wang, Wuhan, People's Republic of China. Statistics, Dissertation Title: Statistical Methods for CGH Array Analysis

Kevin Robert Wise, Bloomington, Indiana. Communication, Dissertation Title: The Effect of User Control on the Cognitive and Emotional Processing of Pictures

Qing-Feng Zhang, Yishui, Shandong Province, People's Republic of China. Statistics, Dissertation Title: A Basis Function Approach to Interest Rate Derivative Valuation

Zhu-Qin Zhou, Guiyang, People's Republic of China. Economics, Dissertation Title: The Impacts of Ownership, Competition, and Managed Care on Hospital Performance: Evidence from Medicare

Ke Zhu, Changsha, People's Republic of China. Mathematics, Dissertation Title: Degeneration of the Moduli Space of J-holomorphic Discs and Legendrian Contact Homology

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Doctor of Philosophy Degrees Conferred January 6, 2005

Christopher Jeffries Ackerson, Stillwater, Oklahoma. Biophysics, Dissertation Title: Monolayer Protected Gold Clusters: Application to Biology

Steven David Allison, Pipersville, Pennsylvania. Biological Sciences, Dissertation Title: *Microbial Allocation to Soil Enzyme Production*

Eric David Bair, Logan, Utah. Statistics, Dissertation Title: Methods for Predicting Patient Survival Based on DNA Microarray Data

Zachary Thomas Ball, Worthington, Ohio. Chemistry, Dissertation Title: Alkyne hydrosilylation with cationic cyclopen tadienylruthenium complexes: scope, mechanism, and synthetic applications of a metal-catalyzed trans addition process

Lipika Basumallick. Chemistry, Dissertation Title: Spectroscopic and Theoretical Studies of Copper Containing Electron Transfer Proteins: Geometric and Electronic Structure Contributions to Reactivity

Nizar Batada, Toronto, Canada. Biophysics, Dissertation Title: Stochastic models of diffusion controlled macromolecular interactions

James Edward Baumgardner, Worthington, Ohio. Physics, Dissertation Title: Impurity Scattering in Superfluid 3He: A New Phase

Deborah Berebichez, Mexico City, Mexico. Physics, Dissertation Title: Time-Reversal for Temporal Compression and Spatial Focusing of Acoustic Waves in Enclosures

Elena Simone Franklin Berman. Chemistry, Dissertation Title: Miniaturization and Application of Direct-Liquid Cavity Ring-Down Spectroscopy

Ho-Man Phoebe Chan, Sterling Heights, Michigan. Economics, Dissertation Title: *Empirical Analysis of Patenting Decisions in Agricultural Biotechnology* **Clarence Leeder Chang**, Bethesda, Maryland. Physics, Dissertation Title: The Cryogenic Dark Matter Search (CDMS-II) Experiment - First Results from the Soudan Mine

Marisela Rodriguez Chavez, Los Angeles, California. History, Dissertation Title: Despierten Hermanas y Hermanos! (Awaken Sisters and Brothers!): Women, the Chicano Movement, and Chicana Feminisms in California, 1966-1981

Melissa Marie Coates. Biological Sciences, Dissertation Title: Vision in a cubozoan jellyfish, Tripedalia cystophora

Vassil Ivanov Elitzin, Sofia, Bulgaria. Chemistry, Dissertation Title: Efficient Assembly of the Tricyclic Core of the 1-Alkyldaphnanes: Progress Toward the Total Synthesis of Gnidimacrin Sidney Paul Elmer, Tremonton, Utah. Chemistry, Dissertation Title: Molecular Dynamics Studies on the Folding Dynamics of poly-Phenylacetylene, a Non-Biological Polymer with a Helical Native State

Gabriel Grant Gamber. Chemistry, Dissertation Title: The Design and Development of New Transition Metal-Catalyzed Serial and Multi-Component Cycloadditions

Brian Willard Gardner, Toronto, Canada. Physics, Dissertation Title: SQUID Measurements of Magnetic Vortices in Very Underdoped Yttrium Barium Copper Oxide

Dara Ghahremani, Irvine, California. Psychology, Dissertation Title: Experience-Driven Neural Plasticity: Evidence from Neuroimaging of Repetition Priming

David Benjamin Goldstein, Ellicott City, Maryland. English, Dissertation Title: Recipes for Authorship: Indigestion and the Making of Originality in Early Modern England

Gabriela Gonzalez, Laredo, Texas. History, Dissertation Title: Two Flags Entwined: Transborder Activists and the Politics of Race, Ethnicity, Class, and Gender in South Texas, 1900-1950

Thomas Lawlor Griffiths, Perth, Australia. Psychology, Dissertation Title: Causes, Coincidences, and Theories

Kuo-Wei Huang, Taiwan. Chemistry, Dissertation Title: Homolyses of Titanium-Oxygen Bonds: A Novel Strategy for Generating Ti(III) Complexes

Deanne Angela Jackson Rudd, Gore Bay, Manitoulin Island, Canada. Chemistry, Dissertation Title: X-ray Absorption Spectroscopic Studies of Binuclear Iron Proteins and Transition Metal Synthetic Complexes

Orion Daniel Jankowski, California. Chemistry, Dissertation Title: Exploring the Chemistry and Biology of Apoptolidin Chunhui Jiang. Chemistry, Dissertation Title: Palladium

Catalyzed Asymmetric Allylic Alkylation and TMM Cycloaddition in Natural Product Synthesis

Robert Charles Jones, Philadelphia, Pennsylvania. Philosophy, Dissertation Title: The Moral Significance of Animal Cognition

Yiming Li, Bozhou, People's Republic of China. Chemistry, Dissertation Title: Controlled and Preferential Synthesis of Single-Walled Carbon Nanotubes

Solomon Major, Montecito, California. Political Science, Dissertation Title: *The Domestic Politics of International Economic Sanctions*

Elizabeth Christine Marin, San Gabriel, California. Biological Sciences, Dissertation Title: The Organization and Reorganization of the Drosophila Olfactory System James Wishart Pearce. Economics, Dissertation Title: Firm Decisions to Use Work Sharing Unemployment Insurance Jie Peng, Beijing, People's Republic of China. Statistics,

Joe Peng, Beijing, Feople's Republic of China. Statistics, Dissertation Title: Score Statistics to Map Genes in Humans Joao Manoel Pinho De Mello. Economics, Dissertation Title: Information Asymmetry and Competition in Credit Markets Rebecca Ann Piskorowski, San Francisco, California. Biophysics, Dissertation Title: Gating Mechanisms of BK Channels Probed by Structural Perturbations Andrew Emil Pomerantz. Chemistry, Dissertation Title: Quantum state distributions for reactive and inelastic H + D2collisions

Liliana Quintanar Vera, Mexico City, Mexico. Chemistry, Dissertation Title: Spectroscopic Investigation of the Multicopper Oxidases: Correlating Structure and Reactivity through Chemical and Mutational Perturbations

Sarah Roberts. Linguistics, Dissertation Title: The Emergence of Hawai'i Creole English in the Early 20th Century: The Sociohistorical Context of Creole Genesis

Michael Thomas Rudd. Chemistry, Dissertation Title: Ruthenium Catalysis for Atom Economy: Cycloisomerizations and Hydrative Cyclizations of Alkynes

Jessica Rebecca Ruvinsky. Biological Sciences, Dissertation Title: Phenotypic plasticity and ecotypic differentiation in Mimulus guttatus

Lise Fernanda Sedrez, Rio de Janeiro, Brazil. History, Dissertation Title: The Bay of All Beauties: State and Environment in Guanabara Bay, Rio de Janeiro, Brazil, 1875-1975

Tanya Delphine Shashko, Shorewood, Wisconsin. French, Dissertation Title: Exhibiting La Plus Grande France: The Exposition Coloniale Internationale de Paris and the Musée Permanent des Colonies, 1931-1959

Michael Randall Shirts. Chemistry, Dissertation Title: Calculating precise and accurate free energies in biomolecular systems

Caroline Jacqueline Simard. Communication, Dissertation Title: From Weapons to Cell Phones: Knowledge Networks in San Diego's Wireless Valley

Mejon Cherise Smith, Los Angeles, California. Art, Dissertation Title: En-Acting 'Others': Ethnic, Gender, and Racial Performance in Works by Eleanor Antin, Adrian Piper, and Anna Deavere Smith

Kenneth Edward Stalzer, Batavia, Illinois. Philosophy, Dissertation Title: On the Normativity of the Instrumental Principle of Reason

Heather Marie Stoll. Political Science, Dissertation Title: Social Cleavages, Political Institutions, and Party Systems: Putting Preferences Back into the Fundamental Equation of Politics

Weiping Tang. Chemistry, Dissertation Title: New Strategies for the Synthesis of Bioactive Natural and Unnatural Products via Palladium Catalyzed Asymmetric Allylic Alkylation

Shiao-Wei Tham. Linguistics, Dissertation Title: Representing possessive predication: semantic dimensions and pragmatic bases Juan Wang. History and Humanities, Dissertation Title: The Weight of Frivolous Matters: Shanghai Tabloid Culture, 1897-1911

Amanda Jacqueline Weinstein. Physics, Dissertation Title: Study of Exclusive Charmless Semileptonic Decays of the B Meson

Dennis Matthews Wilkinson, Austin, Texas. Physics, Dissertation Title: Community Structure and Dynamics in Social Systems

Pai-Ling Yin, Indianapolis, Indiana. Economics, Dissertation Title: Using Surveys to Measure Information in Auctions: Evidence for Rational Behavior, Informative Prices, and the Value of Credibility in eBay Computer Auctions

Timothy Pan Yu, Chicago, Illinois. English, Dissertation Title: The Sociology of the Avant-Garde: Politics and Form in Language Poetry and Asian American Poetry

Xiaohu Zhang. Statistics, Dissertation Title: Thin Blue Noise Sampling and Its Application to Antialiasing in Computer Graphics

Ω.

Doctor of Philosophy Degrees Conferred March 31, 2005

Stephen Douglas Andrews. History, Dissertation Title: Which Threatens to Tear Our Fabric Asunder: The Opposition to Modern American Spiritualism, 1848-1860

Mara Hillary Benjamin, Seattle, Washington. Religious Studies, Dissertation Title: Franz Rosenzweig and Scripture

Stacey Ellen Brenner, Pittsford, New York. Chemistry, Dissertation Title: Synthetic and Mechanistic Investigations of Analogues of Bryostatin 1

Maite Careaga, Mexico, Mexico. Political Science, Dissertation Title: Political Order as an Equilibrium Outcome of Distributional Battles in Politics: the logic of war and authoritarianism in 19th and 20th century México

Michael O'Neil Clarke. Chemistry, Dissertation Title: Synthetic and Structure-Function Studies on Bryostatin Analogs

Elsa Eleanor Cleland. Biological Sciences, Dissertation Title: The influence of multiple interacting global change on the structure and function of a California annual grassland ecosystem

Andre De Mello e Souza, Rio de Janeiro, Brazil. Political Science, Dissertation Title: The Power of the Weak: Advocacy Networks, International Norms and the Politics of Pharmaceutical Patent Rights

Jason A. Detwiler. Physics

Vernita Lea Ediger, John Day, Oregon. Anthropological Sciences, Dissertation Title: Ranchers and Rangers: The Social and Ecological Consequences of Land Tenure among Agriculturists in Marin County, California

Carlton Michael Evans. Art, Dissertation Title: Sight/Non-Site: Robert Smithson's Dialectics of Vision

Maurizio Franzini, Bergamo, Italy. Chemistry, Dissertation Title: Molybdenum and Palladium Catalyzed Allylic Alkylations of Prochiral Nucleophiles: Enantioselective Synthesis of Nonnatural alfa-Amino Acids and Tertiary alfa-Hydroxy Carboxylic Acids Derivatives

Veronica Ancheva Gerassimova. Linguistics, Dissertation Title: Unbounded Dependency Constructions in Western Austronesian Lynford L. Goddard, Santa Clara, California. Physics, Minor: Mathematics, Dissertation Title: Characterization and Modeling

of the Intrinsic Properties of 1.5um GaInNAsSb/GaAs Lasers Phillip Atiba Goff, Havertown, Pennsylvania. Psychology, Dissertation Title: The Space between Us: Stereotype Threat for Whites in Interracial Domains

Lisa Ann Grumbach. Religious Studies, Dissertation Title: Sacrifice and Salvation in Medieval Japan: Hunting and Meat in Religious Practice at Suwa Jinja

Caroline Hirasawa. Art, Dissertation Title: Hellbent on Heaven: Female Damnation and Salvation in Tateyama's Mandalas Rachel Jean-Baptiste. History, Dissertation Title: Une Ville Libre? Marriage, Divorce, and Sexuality in Libreville, Gabon; 1849-1960

Theodore Curtis Jessop, Centennial, Colorado. Chemistry, Dissertation Title: Molecular Transporters for Drug Delivery: Guanidinium-Based and Nanotube Transporters

Peter Matthews Kasson. Biophysics, Dissertation Title: Quantitative Measurement of Cell Membrane Protein Redistribution

Joel Reid Kimmel, Stillwater, Minnesota. Chemistry, Dissertation Title: Continuous, Multiplexed Time-of-Flight Mass Spectrometry of Electrosprayed Ions

Zhi Liu. Physics, Dissertation Title: Surface Characterization of Semiconductor Photocathode Structures

Ian McCullough MacDonald. Japanese, Minor: Art, Dissertation Title: The Mock One Hundred Poets in Word and Image: Parody, Satire, and Performance in 17th-Century Comic Poetry (Kyoka) Michelle Rae Machacek. Chemistry, Dissertation Title: Ruthenium and Palladium Catalyzed Methods for Complex Tetrahydropyran Synthesis

George Alexander Marcus, Rochester, New York. Physics, Dissertation Title: Pulsed Cavity Ringdown Spectroscopy of Thin Films and Ultrafast Thermalization in Corneal Stroma

Robert Stanton McMillan. Economics, Dissertation Title: Estimating Demand for Differentiated Products With Continuous Choice and Variety-Seeking: An Application to the Puzzle of Uniform Pricing

Liviu Mihail Mirica, Buzau, Romania. Chemistry, Dissertation Title: Synthesis, Reactivity, and Mechanistic Investigations of Model Complexes Relevant to Binuclear and Multinuclear Copper Enzymes

Kenneth Richard Pocklington, Dartmouth, Canada. Anthropology, Dissertation Title: Selection, Phylogeny and Adaptation in Cultural Evoluation

Tonya Lee Putnam. Political Science, Dissertation Title: Courts Without Borders? The Politics and Law of Extraterritorial Regulation

Vance Aaron Ricks, Charlotte, North Carolina. Philosophy, Dissertation Title: *Friendship as Shared Intentional Activity* Robert G. Rudnitsky. Applied Physics, Dissertation Title:

Single Protein Intermolecular Binding Force Detection Using Microfabricated Cantilevers

Danzhu Shi. Mathematics, Dissertation Title: Capillary Surfaces in A Re-entrant Corner

Ilhyock Shim. Economics, Dissertation Title: Essays on Dynamic Banking Regulation

David Sowards-Emmerd. Physics, Dissertation Title: A Multiwavelength Study of Blazars

Nikolai Rubin Tolich, Auckland, New Zealand. Physics, Dissertation Title: Experimental study of terrestrial electron antineutrinos with KamLAND

Kenneth Dale Westover. Biophysics, Dissertation Title: Structural Basis of Initiation and Elongation by RNA Polymerase II

Zhigang Xie, Ningbo, People's Republic of China. Applied Physics, Dissertation Title: *Integration of Quantum Dots with Microdisk Cavities*

Li Zeng, Jinshi Shi, People's Republic of China. Chemistry, Dissertation Title: Metalloporphyrin-Catalyzed Olefin Epoxidation: Kinetics, Asymmetric Catalysis, and Active Intermediates

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Doctor of Philosophy Degree Candidates, June 12, 2005

Tarn Adams. Mathematics, Dissertation Title: Flat chains in banach spaces

Derrick Dewayne Allums. French

Christopher Daniel Amos. Chemistry

Vlatko Balic, Split, Croatia. Physics, Dissertation Title: Generation of paired photons with controllable waveforms

Nicolas Joanny Pierre Berger, Leudeville, France. Physics, Dissertation Title: Measurement of the Total Hadronic Crosssection below the Upsilon(4S) Resonance Using Initial-state Radiation

Per Gunnar Bjornsson. Applied Physics, Dissertation Title: Low-Temperature Scanning Magnetic Probe Microscopy of Exotic Superconductors

Matthew Scott Booker, Monte Rio, California. History, Dissertation Title: Real Estate and Refuge: An Environmental History of San Francisco Bay's Tidal Wetlands, 1846-1972

Cynthia Jane Brandt. Sociology, Dissertation Title: Recruitment, Retention and the Effects of Participation: The Case of Teach For America

Jon Philip Camden. Chemistry

Vinicius Do Nascimento Carrasco. Economics, Dissertation Title: Essays on Corporate Board Structure, Financial Syndication and Organizations

Anna Cellinese. Italian, Dissertation Title: Sentieri, Colline, Labirinti: Itinerari nel Paesaggio della Resistenza Italiana Sourav Chatterjee, Calcutta, India. Statistics, Dissertation Title: Concentration inequalities with exchangeable pairs

Coye Vernon Cheshire, Raleigh, North Carolina. Sociology, Dissertation Title: A Sociological Analysis of Generalized Information Exchange

Winnie Wing-Yin Choi. Economics, Dissertation Title: Real Exchange Rates, International Trade and Macroeconomic Fundamentals

Parag Chordia, South Salem, New York. Music, Dissertation Title: Automatic Tabla Transcription

Michelle Marie Chouinard, Hayward, California. Psychology, Dissertation Title: Children's questions: A mechanism for cognitive development

Fai Tong Chung. Economics, Dissertation Title: Time-Consistency and Renegotiation in Policy Games

Charly J. Coleman. History, Dissertation Title: Illuminating the Self in Eighteenth-Century France

Andrea Rees Davies Henderson, San Anselmo, California. History, Dissertation Title: Reconstructing Home: Gender, Disaster Relief, and Social Life After the San Francisco Earthquake and Fire, 1906-1915

Jessica Carrie Ebert. Biophysics, Dissertation Title: Protein Structure Alignment and Detection of Conserved Tertiary Contacts

Min Fan. Economics, Dissertation Title: The Dynamic Term Structure with Heterogenous Beliefs

Jared Randall Farmer. History, Dissertation Title: American Land Marks: A History of Place and Displacement

Joseph Harold Felter, Palo Alto, California. Political Science Ivan Garcia Alvarez, Spain. Linguistics, Dissertation Title: *The Anatomy of Exceptions*

Mary Denise Grantham-Campbell. Cultural and Social Anthropology

Randal James Grow, Denver, Colorado. Applied Physics, Dissertation Title: Integrating Micro-electromechanical Systems with Nanomaterial-based Piezoresistive Sensors

Sanjai Kumar Gupta, Raleigh, North Carolina. Mathematics, Dissertation Title: *Renormalized Seesaw Identities Over GL(2)* Theresa Ellen Hannon, Madison, New Jersey. Chemistry, Dissertation Title: *Evanescent-Wave Cavity Ring-Down* Spectroscopy Applied to Condensed-Phase Systems

John William Hatfield, Festus, Missouri. Economics, Dissertation Title: Political Institutions and Economic Outcomes Nicole E. Heller, Palo Alto, California. Biological Sciences, Dissertation Title: Colony structure, climate, and spread in invasive Argentine ants

Noah Charles Helman, Framingham, Massachusetts. Applied Physics, Dissertation Title: *Optoelectronic Modulators for Optical Interconnects*

Paul Abbott Herman, San Francisco, California. History, Dissertation Title: Fairies, Perverts, and Pedophiles: Shifting Perceptions of "The Homosexual Menace" in Twentieth-Century American Culture

David Frank Holland, Murray, Utah. History, Dissertation Title: Continuing Revelation: An Idea and Its Contexts in Early America Tetiana B. Hryn'ova, Kharkiv, Ukraine. Physics, Dissertation Title: A study of charmless three-body baryonic decays of B mesons **Cristobal Eduardo Huneeus**. Economics, Dissertation Title: *Three Essays in Labor Economics*

Chiaki Ishii. Chemistry, Dissertation Title: Encoded Arrays of Laterally Mobile Vesicles

Shona Nkola Jackson. Modern Thought and Literature, Dissertation Title: Between myth and nation: rethinking Caribbean history, politics, literature, and aesthetics

Sameer Hemchand Jain, Mumbai, India. Applied Physics, Dissertation Title: Novel Methods for Low Resistance Ultra Shallow Junction Formation

Ali Javey. Chemistry, Dissertation Title: Carbon Nanotube Electronics

Eva Maria Jettmar, Weiz, Austria. Communication, Dissertation Title: Lifelike Agents in E-Commerce: A Study of Humanness in Interface Agents

Aaron Charles Kay, Winnipeg, Canada. Psychology, Dissertation Title: The role of compensatory stereotyping in system justification

Bying-Soo Kim, Seoul, Republic of Korea. Sociology, Dissertation Title: *The Effect of Structural Factors on Foreign Market Entry*

Jong-Kwan Kim. Applied Physics, Dissertation Title: Dynamics of vortices in trapped Bose-Einstein condensates

Byoing-Du Kim, Republic of Korea. Mathematics, Dissertation Title: The Parity Conjecture of Elliptic Curves and Algebraic Functional Equations at Primes with Supersingular Reduction **Woong Kim**. Chemistry, Dissertation Title: Synthesis of Carbon Nanotubes and Properties of Nanotube Transistors

Timothy David King. Anthropological Sciences, Dissertation Title: The Constellations of the Ancient Maya

Alexandre Sergeevich Kretchetov, Pskov, Russian Federation. Applied Physics, Dissertation Title: Determination of the structure of 3D models, used to represent small X-ray scattering data for macromolecules

Anupma Logani Kulkarni, Portola Valley, California. Political Science

Thaddeus Dewey Ladd, Chicago, Illinois. Applied Physics, Dissertation Title: Quantum Computing with Nuclear Spins in Semiconductors

Donald Edward Lavigne, New Orleans, Louisiana. Classics, Dissertation Title: Iambic Configurations: Iambos from Archilochus to Horace

Dan Archibald Lee, Pembroke Pines, Florida. Mathematics, Dissertation Title: Connected Sums of Special Lagrangian Submanifolds

Randal James Leistikow. Music, Dissertation Title: Bayesian Modeling of Musical Expectations via Maximum Entropy Stochastic Grammars

Ruixue Liu. Statistics, Dissertation Title: New Findings of Functional ANOVA with Applications to Computational Finance and Statistics

Hua Long, People's Republic of China. Biological Sciences, Dissertation Title: Roles of Slit and Robo proteins in vertebrate axon guidance

Jean-Philippe Marcotte. Linguistics, Dissertation Title: Causative Alternation Errors and Linguistic Evidence in Child Language Acquisition: Overgeneralization and Overstatement

Margaret Morrow Mayfield, Ames, Iowa. Biological Sciences, Dissertation Title: Species, function and phylogeny: patterns of diversity and ecological assembly in the herbaceous and shrubby plant communities of tropical human-altered landscapes

Irma Mayorga, San Antonio, Texas. Drama and Humanities, Dissertation Title: Chicana Geographies: A Comparative Study of Chicana Expressive Culture Liam Patrick McAllister, Orchard Park, New York.

Physics, Dissertation Title: Cosmological Aspects of String Compactifications

Miriam Gail McGurl. Drama, Dissertation Title: S/he's Her Own Man: Women in Cross-Gender Theater and Performance

Robert Quinn Mecham. Political Science, Dissertation Title: From the Sacred to the State: Institutional Origins of Islamist Political Mobilization

Hyungsub Moon. History, Dissertation Title: Matsura-to: Pirate-Warriors in Northwestern Kyushu, Japan, 1150-1350

Anne Eakin Moss, Baltimore, Maryland. Slavic Languages and Literatures, Minor: History, Dissertation Title: Communities of Women in the Russian Imagination from High Realism to High Stalinism (fiction, memoir, film), 1860s-1930s

Gabrielle Ann Moyer. English, Dissertation Title: Sustained Collision: Modernist Fictions as Forms of Attention

Aldo Musacchio, Mexico City, Mexico. History, Dissertation Title: Law and Finance in Historical Perspective: Politics, Bankruptcy Law, and Corporate Governance in Brazil, 1850-2002

Eric Wayne Oberle. History and Humanities

Veronica Constanza Ocampo-Raeder, Acapulco, Mexico. Anthropology, Dissertation Title: Ese Eja Signatures: A Systematic Assessment of the Effects of Indigenous Resource Management Practices on an Amazonian Forest

Veysi Erkcan Ozcan, Ankara, Turkey. Applied Physics, Dissertation Title: Inclusive Electromagnetic Penguin Decays of the B Meson

Mikko Petri Ilmari Packalen. Economics

Boris Peker. Biophysics, Dissertation Title: In vitro expression and biophysical characterization of aquaporin water channels

Halton A. Peters, Springfield, Illinois. Biological Sciences, Dissertation Title: Consumer control of plant communities in current and future environments

Urvashi Patel, San Mateo, California. Biological Sciences, Dissertation Title: Characterization of the Gamma-Tubulin Complex in Mammalian Cells

Debashis Paul. Statistics, Dissertation Title: Nonparametric estimation of principal components

Stephen James Porder. Biological Sciences, Dissertation Title: Nutrient availability across tropical landscapes: exploring old paradigms at new scales

Netithorn Praditsarn, Nonthaburi, Thailand. Political Science, Dissertation Title: GATT/WTO and Economic Development in Developing Countries: A Case of Thailand

Richard Mark Preiss, Toronto, Canada. English, Dissertation Title: Finite Jest: Dramatic Authorship and the Assimilations of the Clown, 1588-1673

Kristin Rebien. German Studies, Dissertation Title: Aesthetics and Politics in Postwar German Literature: Heinrich Böll, Hans Erich Nossack, Paul Celan

Kenneth Ron Reisman, Canada. Philosophy, Dissertation Title: Conceptual Foundations of Cultural Evolution

Young Min Rhee. Chemistry, Dissertation Title: Protein Folding and Solvent: Structure and Chemical Detail

Charles Christopher Roseman. Anthropological Sciences

María Luisa Ruiz, Daly City, CA, California. Spanish and

Humanities, Dissertation Title: Expanding boundaries, alternative visions: staging representations of popular urban women in contemporary Mexican chronicle, film and photography Carmit Segal. Economics, Dissertation Title: Essays on Human Capital Kyle Michael Shen, Vancouver, Canada. Applied Physics, Dissertation Title: Angle-Resolved Photoemission Spectroscopy Studies of the Mott Insulator-to-Superconductor Evolution in Ca₂xNaxCuO₂Cl₂

Morten Sorensen. Economics, Dissertation Title: An Economic and Econometric Analysis of Market Sorting with an Application to Venture Capital

Rachel Cartwright St John, Lake Arrowhead, California. History, Dissertation Title: *Line in the Sand: The Desert Border* between the United States and Mexico, 1848-1934

Joerg Stelzer, Chemnitz, Germany. Physics, Dissertation Title: Measurement of the leptonic branching fraction and the decay constant of the strange D meson

Emma Stewart-Teitelbaum. Anthropological Sciences Jessica Laura Straley. English, Dissertation Title: How the Child Lost its Tail: Evolutionary Theory, Victorian Pedagogy and the Development of Children's Literature

Seema Swamy. Communication, Dissertation Title: Multitasking on Social Networks: Role of Culture, Status, and Group Membership in Computer Mediated Communication

Keiichi Takaki. Sociology, Dissertation Title: Development and Social Structures: The Case of Small and Microscale Producers in Ghana

Catherine Elizabeth Tucker, Oxford, United Kingdom. Economics, Dissertation Title: *Networks and Technology Adoption*

Julie McGuire Turchin, Newton, Massachusetts. Psychology, Dissertation Title: The importance of being on the same page: Perceptions of fairness in conflict resolution Elwyn Timothy Uy, Bellingham, Washington. Applied Physics, Dissertation Title: A Quantitative Analysis of Dry-sensor Electroencephalography

Leigh Ann Van Handel. Music, Dissertation Title: Setting a Menu to Music: Prosody and Melody in 19th c. Art Song

Samuel Jeremy Waldman, Houston, Texas. Applied Physics, Dissertation Title: Single Ion Trapping for the Enriched Xenon Observatory

Brett Edward Whalen, Montpelier, Vermont. History, Dissertation Title: Christendom Divided and Restored: the Latin and Greek Churches in the Historical Imagination of the Middle Ages (868-1274)

Travis Jesse Williams, Houston, Texas. Chemistry, Dissertation Title: Development of New Catalysts for the [5+2] Cycloaddition and New Approaches to Cyclopentenone Synthesis

Rebecca Anne Williamson, Chicago, Illinois. Psychology, Dissertation Title: Flexibility in Imitation: Factors that Influence the Precision of Preschoolers' Replications

Robert Scott Wilson. Anthropology

Chi-Huen Connie Wong. Biological Sciences, Dissertation Title: Cell cycle regulation and centrosome duplication

Fang Wu. Applied Physics, Dissertation Title: Studies in social networks, a physics approach

Feng Xiao, Shaoyang, People's Republic of China. Psychology, Dissertation Title: A system study of high dynamic range imaging

School of Law Larry D. Kramer, Dean

Doctor of Jurisprudence Degrees Conferred September 30, 2004 Araceli Campos, Los Angeles, California

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Doctor of Jurisprudence Degree Candidates, June 12, 2005 Michael Patrick Abate Nancy C. Abernathy, Longview, Texas James M. Abrams Christopher David Agnew Alex-Handrah Ruth-Emilienne Aime Roxanne T. Almaraz Valerie Elizabeth Alter, Santa Monica, California Carl G. Anderson, San Francisco, California Kaush Arha Pablo Arredondo, Concord, Massachusetts Elizabeth W. Aycock, Raleigh, North Carolina Megan Beck Barbero, Naples, Florida Jordan M. Barry, Summit, New Jersey Zeenat I. Basrai, Diamond Bar, California Stephanie R. Beckstrom, Jamestown, New York Sara Pappas Bellamy Renee C. Beltranena, Santa Ynez Valley, California Shakti Belway, Santa Barbara, California Jennie A. Berry, Bowling Green, Kentucky Stephanie Finkelstein Bradley, Davis, California Suzanne A. Bratis, Cape May, New Jersey Corey L. Brettschneider Matthew S. Buckley, Des Moines, Iowa Jacquelyn N. Burns, Boise, Idaho Jason Toji Calabro, Lee's Summit, Missouri Jennifer Yihyun Chou, Rancho Palos Verdes, California Laurie A. Chreitzberg, Yardley, Pennsylvania Steve Y. Chu Andrew B. Coan, Neenah, Wisconsin Lauren C. Cohen Marcy Elizabeth Cook, Highlands Ranch, Colorado Alexandro Cota, El Paso, Texas **Bethany Aryn Davis Noll** Elena M. DiMuzio Tyler Geoffrey Doyle, Chapel Hill, North Carolina Dena M. Duthoy Rashida Aiyana Edmondson D'Lonra C. Ellis, Richmond, California Eric J. Feigin Amy J. Finkelstein, Birmingham, Alabama **Kelly Patrice Finley** Elliot D. Fladen, Canton, Ohio Autumn A. Francois, San Francisco, California Monigue Fuentes, Pico Rivera, California Alexander A. Fursenko Jezerik Gaddoura Yulia Borisovna Garteiser, Samara, Russian Federation Francesca R. Gessner, San Francisco, California

Daniel C. Gibson, Wooster, Ohio Sarah Jean Givan Sascha M. Gleckler Erica R. Goldberg Daniel S. Goldman Lauralee M. Gooch Azadeh Gowharrizi **Gillian Morris Green** Marc E. Grey, Highland Park, Illinois Loren K. Griffith, Sacramento, California Michael M. Gurary Nicholas Robert Halaris, Macomb, Michigan Robert Douglas Hallman, Toronto, Canada **JuNelle Harris** Charles H. Heenan Sandra I. Herrera, Chicago, Illinois Amy Christine Hertel, Hastings, Minnesota Margaret Jane Hoag, Chicago, Illinois Nina Holly Hai Huang Rosalia Ibarrola Cynthia G. Inda, Santa Barbara, California Alan L. Isenberg Nicholas K. Jabbour Brett Ciner Jackson Jeffrey L. Jacobs, Logan, Utah Kourtney LaCarole James, Houston, Texas Brian C. Johnson Jeffrey I. Joseph, Oceanside, New York Laura Elizabeth Kabler, Olympia, Washington Michele Elizabeth Kemmerling, Harrisburg, Pennsylvania Peter Michael Koski, Sammamish, Washington Aarti A. Kotak Selena Katherine Kyle, Glendale, California Peter M. Lamb, Salem, Oregon Jonathan Robert Lange, Poquoson, Virginia Lisa M. Lawrence James W. Lee Todd J. Lewellen Brian J. Link, Miami, Florida Laura Maria Lintner, Leon, Nicaragua Joshua Seth Lipshutz Jia Liu Kevin D. Lloyd, Pittsburgh, Pennsylvania Sara S. Love, Madison, Wisconsin Edward Joseph Loya Jr., Ventura, California Ying Ma Sarvenaz Madi, Irvine, California Adriana E. Maestas, Seattle, Washington Peter S. Maitland Matthew H. Marmolejo, Laguna Beach, California Laura I. Martinez, Guavnabo, Puerto Rico Bryn L. Martyna Erika Batshevah Mayshar, Irvine, California

Claire A. McCormack, Skaneateles, New York Jerry F. Mclain Jan Miyuki Morimoto Bridget A. Morris, Washington, District of Columbia David Wayne Nelmark, Urbandale, Iowa Mark L. Noferi, Hopedale, Massachusetts Henry S. Oh, Canyon Country, California Oluriyike M. Ojediran, West Orange, New Jersey Monisola A. Oyewole, Alexandria, Virginia Cindy S. Park Grace Y. Park, Hoffman Estates, Illinois Andrew J. Patch, York, Maine Anand Survakant Patel, Visalia, California Menesh S. Patel Aden Russel Pavkov, Doylestown, Ohio Noah Joshua Phillips Ronald Matthew Pittman, Oklahoma City, Oklahoma Elizabeth R. Pollman Jessica A. Rassler, Morrisville, Pennsylvania Britnee M. Reamy, McKinney, Texas Jeffrey Frank Rector Clifford Lee Reeves II, Birmingham, Alabama Jennifer D. Rhodes Laura E. Rosenbaum, Portland, Oregon Stuart M. Rosenberg Susan E. Rushing, San Francisco, California Dacia M. Russell Noraan Sadik, Colts Neck, New Jersey David B. Sapp Rebecca Blackwell Scarr Laura Beth Scher, San Diego, California Stacy M. Seifert Seema K. Shah, El Centro, California Irene H. Shih Mara A. Silver, Berkeley, California William R. Skinner David N. Slarskey James E. Sojoodi Gabriel F. Soledad, El Paso, Texas Alvaro Damian Soria, El Paso, Texas Harry A. Surden Daniel B. Swerdlin Conor R. Teevan, San Francisco, California Aaron B. Thacker Sean Phillip Tonolli, Mineral, Virginia Presiliano Raul Torrez **Glenn H. Truitt** Nicole R. Vanderlaan Glenn K. Vanzura Christopher Michael Viapiano, Cheektowaga, New York Alyssa L. Vickers, Sea Cliff, New York Michelle L. Visser Rebecca J. Wais Erin Louise Walsh Anting J. Wang Ryan H. Weinstein Alexandra Victoria Wenzke Talitha West Steven E. Wilson, Birmingham, Alabama

Carmen Woo ShouYing Wu Yael B. Zakai Wentong Zheng, Hengshui, People's Republic of China

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Master of Laws Degree Candidates, June 12, 2005 Evan Michel Epstein Angles So Min Seo Chung Gitanjli Duggal, New Delhi, India Takahiro Ikawa, Japan Zhao Jin Eun-Hyun Kim Ji Woong Lim, Korea Philippe Jean Lucet Asdis Magnusdottir, Reykjavík, Iceland Mineko Mohri, Japan Kyung Hwa Moon, Pusan, Korea Kei Okubo, Japan Stefano Quintini Pablo Sorj Renata Streit, Rio de Janeiro, Brazil Nadine Silveira Mello Baleeiro Teixeira **Celso Caldas Martins Xavier**

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Master of the Science of Law Degree Candidates, June 12, 2005

Luciana Pires Dias Stefania Fusco, Chieri, Italy Pablo Esteban Jimenez-Zorilla Tamar Kricheli Katz Jyh-An Lee, Taiwan Julien Andre Marc Levis, Paris, France Yu-Hsin Lin Tony Rainaud Reynard Tehila Sagy, Tel Aviv, Israel Masayuki Sakaniwa, Japan Jeong Seo, Seoul, Republic of Korea Liang Tang

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Doctor of the Science of Law Degrees Conferred September 30, 2004

Elizabeth W. Muli, Nairobi, Kenya. Dissertation Title: Kiamas: Rethinking Access to Justice in Domestic Violence Cases in Kenya

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Doctor of the Science of Law Degrees Conferred January 6, 2005 Samantha Shiau-ping Lee, Taipei, Taiwan. Dissertation Title:

Unfinished Business: Challenging Microsoft in Taiwan Kazuyuki Shimamura, Tokyo, Japan. Dissertation Title: An Analysis of the Political Economy of Japanese Fisheries

ά

Doctor of the Science of Law Degree Candidates, June 12, 2005

Nathalie J. Chalifour, Ottawa, Canada. Dissertation Title: Paying for Nature Conservation with Tax Dollars? An Evaluation of the Role of Ecological Fiscal Reform in Promoting Biodiversity Conservation in Canada

School of Medicine Philip A. Pizzo, Dean

Master of Science Degrees Conferred September 30, 2004

Kaizad Lovji Cama, Tenafly, New Jersey. Biomedical Informatics Albert Solomon Chan, Petaluma, California. Biomedical Informatics

Russell Joseph Cucina. Biomedical Informatics

Robert Paul DeConde, Santa Barbara, California. Biomedical Informatics

Jessica Elizabeth Haberer, Campbell, California. Health Services Research

Corwyn Daryl Hopke, Portland, Oregon. Immunology

Esther J. Lee, Van Nuys, California. Epidemiology

Kelvin Ming-Wei Neu. Immunology

Jeffrey James Swigris, Peoria, Illinois. Epidemiology Thomas J. Vigdal, San Carlos, California. Microbiology and Immunology

Courtney Beth Wieland, Norwich, Vermont. Immunology

Master of Science Degrees Conferred January 6, 2005

Harrison Shong-Wen Chow. Health Services Research Amy Jinsun Kim, Macomb, Illinois. Genetics Krista Leigh Lentine, University City, Missouri. Epidemiology Tracey Lynn McLaughlin, Menlo Park, California. Epidemiology

Vikram Mohan, Madras, India. Biomedical Informatics Prashanth Ranganathan. Biomedical Informatics Nancy Naichao Wang. Biochemistry

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Master of Science Degrees Conferred March 31, 2005

Michael Mlynash, Mountain View, California. Epidemiology Ronald K. Siu, Fremont, California. Developmental Biology

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Master of Science

Degree Candidates, June 12, 2005

Tyrone Dean Anderson, Lafayette, Colorado. Biomedical Informatics

Vincent Joseph Dorie. Biomedical Informatics

Varun Kashyap Gajendran, Roseville, California. Biomedical Informatics

Alexander James Himel, Chappaqua, New York. Biomedical Informatics

Jon-Erik Holty. Health Services Research

Steven Yih-Wei Lin. Biomedical Informatics

Caroline Elizabeth Moore-Kochlacs. Biomedical Informatics Michelle Hui-Kyong Sheene, Los Altos Hills, California. Health Services Research

Daniel Sherman Zisook, San Diego, California. Biomedical Informatics

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Doctor of Medicine Degrees Conferred September 30, 2004 Lillian Eng, San Lorenzo, California.

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Doctor of Medicine Degrees Conferred March 31, 2005 Ruth Irene Ochoa Betty Chia Pang

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Doctor of Medicine Degree Candidates, June 12, 2005

Yolanda Zamora Agredano, San Jose, California. Unzila Asad Ali Rosalinda Alvarado, Chicago, Illinois. Niroshana Anandasabapathy, Staten Island, New York. Jennifer Maria Austin, California. Sarah Ruth Bein Dustin Miguel Bermudez, Somerville, Massachusetts. Richard Paul Cano, Hughson, California. Johanna Chi Chang Shari Garcia Chevez, Oracle, Arizona. Raymond Jaihyun Cho, Westfield, New Jersey. Valerie Catherine Coon, Sacramento, California. **Brooke Megan Cotter** Brenda Lora Czaban Ross Joseph Fleischman, Eugene, Oregon. Pejman Ghanouni, Marietta, Georgia. Matthew Alfred Gubens Brian Michael Haus, Citrus Heights, California. David Tatsuo Hiroshima, San Bruno, California. Phillip T. Hsu, Downey, California. Gloria Pu-Ye Hsu Christopher Posien Hsu Kathie Pei Huang, Stanford, California. Peter Jun, Toronto, Canada. Navaz Percy Karanjia, Marshfield, Wisconsin. Karen Chunguhn Kim Angela Goffredo King Natalie Nina Kirilcuk Dennis Chun-Yone Ko, Fremont, California. Holbrook Edwin Kohrt, Paupack, Pennsylvania. Vedant Ashok Kulkarni, San Jose, California. Sharon Wingyi Kwan, Los Altos, California. Elizabeth Suzanne Langen, Honolulu, Hawaii. Gary Kaman Lau Darren Richard Lebl Arthur Tatzu Lee Trang Diem Lehman, San Jose, California.

Trang Diem Lemman, San Jose, Camorma.

Theodore Leng, North Caldwell, New Jersey. Cheryl Lynn Levin, Palo Alto, California.

Lorinna Hiu-Leong Lombardi, Kailua, Hawaii.

Eliza Eugenie Long, Guilford, Connecticut. Nicole Denise Marsico, Pittsburgh, Pennsylvania. Stephanie Lanette Martinez Mina Matin Josephine Chu McAllister, Lexington, Massachusetts. Jennifer Jones McIntire, Chattanooga, Tennessee. **Elissa May Meites** Jessica Dongshin Ngo, Ridgewood, New Jersey. John Hanh Nguyen, San Jose, California. Rosalyn Thuyhong Nguyen, Sugar Land, Texas. Julie Christine Philp, Santa Rosa, California. Julia Po, Montville, New Jersey. Andrea Schoelerman Pomrehn Myers Jason Lee Pyle, California. Sarah Queen Ratanasopa, Seattle, Washington. Felisha Christine Rohan-Minjares, Gallup, New Mexico. William Russell Ryan Miriam Naomi Schultz, Tucson, Arizona. Matthew Thomas Siedhoff, St. Louis, Missouri. Vikaas Singh Sohal, Idaho Falls, Idaho. Aparajita Sohoni Al Vincent Taira David Stephen Wang, Houston, Texas. **Cynthia Suchin Wang** Grace Peace Yu, San Francisco, California. Margaret Katie Yu

Adriana Edith Zambrano, Laredo, Texas.

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Doctor of Philosophy Degrees Conferred September 30, 2004

Niroshana Anandasabapathy, Staten Island, New York. Cancer Biology

William Henry Carr. Immunology

Tmirah Haselkorn, Palo Alto, California. Epidemiology, Dissertation Title: Innovative Methods of Quantifying Risk and Insights into the Epidemiology of Various Cancers

Charles Chunghun Kim, Cincinnati, Ohio. Microbiology and Immunology, Dissertation Title: Salmonella Gene Expression and Regulation During In Vitro Modeling of the Intracellular Environment

Joanna Katherine MacKichan, Bainbridge Island, Washington. Microbiology and Immunology, Dissertation Title: Gene Regulation and Colonization in Helicobacter pylori and Campylobacter jejuni

Cristopher Myers Niell, Harvard, Massachusetts. Neurosciences, Dissertation Title: *Imaging neural circuit formation and function in the zebráfish visual system*

Eric Daniel Nudleman, Laguna Beach, California. Developmental Biology, Dissertation Title: Polar type IV pilus assembly by the efficient cell-to-cell transfer of the Tgl lipoprotein

Grace Yaun Park, Ann Arbor, Michigan. Molecular Pharmacology, Dissertation Title: Characterization of PRAS40, a Novel Akt Substrate

Sunny Shin, Jackson Heights, New York. Microbiology and Immunology, Dissertation Title: The structural basis of gamma/ delta T cell receptor recognition- An analysis of the MHC class Ib T10/T22-specific gamma/delta T cell receptor repertoire

Thomas Scott Wehrman, Springboro, Ohio. Molecular Pharmacology, Dissertation Title: Development of Protein Complementation Assays and Small Interfering RNA Libraries for Protein Interactions, Localization, and Gene Function

Doctor of Philosophy Degrees Conferred January 6, 2005

Crista Lee Barberini. Neurosciences, Dissertation Title: Chromatic Motion Processing in Area MT of the Rhesus Monkey Grace Sirinart Bhudhikanok. Epidemiology, Dissertation Title: Race, Reproductive History, and Bone Density in Adolescents and

Young Adults Samuel Henry Cheshier, Casa Grande, Arizona. Immunology,

Samuel Henry Chesnier, Casa Grande, Arizona. Immunology Dissertation Title: In Vivo Proliferation Kinetics of Mouse Hematopoietic Stem Cells

Sunny Sungeun Choe. Molecular Pharmacology

Michael David Cleary. Microbiology and Immunology, Dissertation Title: The roles of mRNA synthesis and mRNA decay in the regulation of gene expression during Toxoplasma gondii asexual development.

Pamela Feliciano Colosimo, Clifton, New Jersey. Developmental Biology, Dissertation Title: The Genetic and Molecular Basis of Parallel Armor Plate Reduction in Threespine Sticklebacks (Gasterosteus aculeatus)

Adam Michael Deutschbauer, Pittsburgh, Pennsylvania. Genetics, Dissertation Title: The Application of Yeast Functional Genomics to Haploinsufficiency, Sporulation, and Quantitative Trait Mapping

Daniel Scott Ginsburg, Schaumburg, Illinois. Genetics, Dissertation Title: Characterization of a site-specific integration system for mammalian cells

Evan Harris Hurowitz, Torrance, California. Biochemistry, Dissertation Title: Genome-wide DNA Microarray Analysis of mRNA Lengths in Yeast and Man

Joshua Timothy Jones. Molecular Pharmacology, Dissertation Title: Using a Live Cell Mitosis Biosensor to Probe the Mechanism of the Mitotic Clock: From Single Molecule to Gene Family Studies

Jason Wayne Myers, Alamosa, Colorado. Molecular Pharmacology, Dissertation Title: In vitro dicing: A tool for high throughput vertebrate genetics

Michael Povelones. Developmental Biology, Dissertation Title: A Structure Function Analysis of the Drosophila Frizzled Receptor Daniel Rene Richards. Genetics, Dissertation Title: Direct Mapping of Multigenic Trait Loci

Stefan Kazimierz Siwko. Cancer Biology, Dissertation Title: Identification of protein kinase C delta substrates in a breast cancer cell line

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Doctor of Philosophy Degrees Conferred March 31, 2005

Joe I. Budman. Biochemistry, Dissertation Title: Processing of DNA for nonhomologous end-joining by cell-free extract

Tony Sangyoung Byun. Molecular Pharmacology

Michael Kwai Wo Choy, Berkeley, California. Epidemiology, Dissertation Title: Estimating the prevalence of disease in a geographic framework derived from epidemiologic principles

Shelley Jaclyn Force Aldred. Genetics, Dissertation Title: Large Scale Identification and Analysis of Human Transcriptional Regulatory Elements

Ann Yukari Nakayama Goldstein, Hilo, Hawaii. Neurosciences, Dissertation Title: *Rho GTPases in the development and maintenance of neuronal morphology*

Yuanyuan Hua. Neurosciences, Dissertation Title: Molecular mechanisms regulating neural transmission and development

Yves Konigshofer. Immunology, Dissertation Title: Studies of gamma delta T cell Activation: From the Intestine to the Spleen and also in Silicon

Augusto Eduardo Llosa. Epidemiology, Dissertation Title: Challenges in measurement of chronic exposure

Christopher Lamond Murriel, Clinton, Mississippi. Molecular Pharmacology, Dissertation Title: Delta PKC Signaling in the Heart: Metabolic Consequences and Apoptotic Cell Death

Susanne Marie Rafelski. Biochemistry, Dissertation Title: Integrating Bacterial Polarity with Host-Cytoskeletal Dynamics: Initiation of Listeria Monocytogenes Actin-Based Motility

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Doctor of Philosophy Degree Candidates, June 12, 2005

Aneel Advani. Biomedical Informatics, Dissertation Title: Quality Assessment of Guideline-Based Medical Care Ryan Daniel Bomgarden, Winnebago, Illinois. Molecular Pharmacology, Dissertation Title: Characterization of ATR DNA Binding and Activation

Mark Alan Breidenbach. Molecular and Cellular Physiology, Dissertation Title: A Structural Basis for Clostridial Neurotoxin Target Specificity

Rachel Bright. Molecular Pharmacology, Dissertation Title: *Role* of protein kinase C isozymes in cerebral ischemic reperfusion injury

David Llewellyn Buckeridge, Montreal, Canada. Biomedical Informatics, Dissertation Title: A Method for Evaluating Outbreak Detection in Public Health Surveillance Systems that use Administrative Data

Catherine Elisabeth De Martel, France. Epidemiology, Dissertation Title: Complexity of chronic infections: a spectrum of Helicobacter pylori effects on the human host.

Kari Ann Dickinson, Granada Hills, California. Developmental Biology, Dissertation Title: *Identification of new regulators of endoderm specification in Xenopus laevis*

Frauke Drees. Molecular and Cellular Physiology, Dissertation Title: *Molecular Interactions of Alpha-Catenin at Cell-Cell* Adherens Junctions

Michelle Rae Emond, Riverton, Wyoming. Neurosciences, Dissertation Title: A tale of two tails: Regulation of AMPA receptor function through C-terminal interactions

Rachel Alanna Freiberg. Cancer Biology, Dissertation Title: Protein Kinase Chk2 Regulates the DNA Damage Response Following Hypoxia and Reoxygenation

Karine Alexine Gibbs, Catonsville, Maryland. Microbiology and Immunology, Dissertation Title: Complex dynamics and spatial distributions of membrane proteins in the bacterial cell envelope

Kareem Lemont Graham. Immunology, Dissertation Title: Interferon-gamma and modified antigens in the pathogenesis of systemic lupus erythematosus.

David Scott Johnson. Genetics, Dissertation Title: Yureiboya Comparative Genomics

Jeremy Orion Jones, Pittsburgh, Pennsylvania. Microbiology and Immunology, Dissertation Title: Analysis of the transcription of immediate early regulatory genes of varicella-zoster virus and host cell gene expression in VZV-infected cells in vitro and in the SCIDhu mouse model in vivo

Fiona Kaper. Cancer Biology, Dissertation Title: The Role of the Mammalian Target of Rapamycin in Hypoxic Gene Expression Angela Goffredo King. Cancer Biology, Dissertation Title: Molecular mechanisms involved in committment to the lymphoid lineage

Alissa Michele Lancaster. Microbiology and Immunology, Dissertation Title: Translational control of the hepatitis C virus RNA genome by an unusual internal ribosome entry site

Mike Hsin-Ping Liang, San Marino, California. Biomedical Informatics, Dissertation Title: *Integrating sequence and* structure data for automatic identification of protein functional sites.

Zhen Lin, Beijing, People's Republic of China. Biomedical Informatics, Dissertation Title: *Balancing Utility and Anonymity* in Public Biomedical Databases

Dali Ma. Cancer Biology, Dissertation Title: Achieving Fidelity and Robustness in Planar Cell Polarity Signaling

Andrea Schoelerman Pomrehn Myers. Genetics, Dissertation Title: The Identification and Characterization of Mouse Ribosomal S6 Kinase 4 as an Inhibitor of FGF-RAS-ERK Signaling.

Jason Lee Pyle, California. Molecular and Cellular Physiology, Dissertation Title: The physiology of presynaptic terminals in the mammalian central nervous system

Andrew Linnell Snow, Hillsborough, New Jersey. Immunology, Dissertation Title: The Role of Epstein-Barr Virus in Conferring Resistance to Death Receptor Mediated Apoptosis in Latently Infected B Cell Lymphomas.

Vikaas Singh Sohal, Idaho Falls, Idaho. Neurosciences, Dissertation Title: Synaptic inhibition controls network synchrony during thalamic oscillations

Chiaojung Jillian Tsai, Taipei, Taiwan. Epidemiology, Dissertation Title: Molecular Epidemiology of Gastric and Prostate Cancers in People from Various Racial and Ethnic Backgrounds

Caroline Elizabeth Uhlik. Biochemistry, Dissertation Title: Investigating the Molecular and Genetic Basis of Heritable Variation in Gene Expression Programs in Saccharomyces cerevisiae

Violet Votin. Molecular and Cellular Physiology, Dissertation Title: Role of Adenomatous Polyposis Coli (APC) and Associated Proteins in Neurite Outgrowth and Polarization

A Stanford Chronology: 1824-2005

1824	March 9	Birth of Leland Stanford
1828	August 25	Birth of Jane Lathrop Stanford
1868	May 14	Birth of Leland Stanford, Jr.
1884	March 13	Death of Leland Stanford, Jr.
1885	November 11	Execution of the Founding Grant of the University
1887	May 14	Laying of the cornerstone of the University
1891	March 22	David Starr Jordan accepts Leland Stanford's offer to become the University's first President
1021	October 1	Opening Day of the University; 555 students registered the first year
1893	June 21	Death of Leland Stanford
1898	May 30	First Ph.D. awarded
1903	January 25	Memorial Church dedicated
1905	February 28	Death of Jane Lathrop Stanford
1905		
1900	April 18 October 30	Great San Francisco Earthquake causes extensive damage Cooper Medical College transferred to the University
1900	December 18	
1913		School of Law organized School of Medicine experimed
1915	May 23	School of Medicine organized
1016	August 1	John Casper Branner takes office as second President
1916	January 1	Ray Lyman Wilbur takes office as third President
1917	April 27	School of Education organized
1919	June 20	Hoover War Collection (now Hoover Institution on War, Revolution, and Peace) established
1921	May 23	Honor Code adopted
1925	May 15	School of Engineering organized
10/1	September 30	Graduate School of Business opened
1941	June 16-20	University's 50th Anniversary celebrated and Hoover Tower dedicated
1943	September 1	Donald Bertrand Tresidder takes office as fourth President
1947	January 6	School of Mineral Sciences (now Earth Sciences) organized
1948	September 1	Schools of Biological Sciences, Humanities, Physical Sciences, and Social Sciences merged into
		School of Humanities and Sciences
1949	April 1	J. E. Wallace Sterling takes office as fifth President
1958	June 24	First overseas campus opened near Stuttgart, Germany
1959	$\operatorname{September}$	Opening of the Stanford University Medical Center; School of Medicine moved from San Francisco
1967	September 9	Stanford Linear Accelerator Center dedicated
1968	September 12	Inaugural Session, Senate of the Academic Council
	December 1	Kenneth S. Pitzer takes office as sixth President
1970	September 24	Richard Wall Lyman takes office as seventh President
1973	January 9	University Trustees designate Jasper Ridge Biological Preserve
1980	August 1	Donald Kennedy takes office as eighth President
1985	November 11	Centennial of the Founding Grant
1989	October 17	Loma Prieta earthquake causes extensive damage
1991	June 16	Centennial Commencement
1991	October 1	Centennial of the University's opening
1992	September 1	Gerhard Casper takes office as ninth President
1996	May	Stanford Graduate Fellowships program announced
1998	September	Stanford Alumni Association integrated into the University
	1	Science and Engineering Quadrangle opened
1999	January	The Leland Stanford Jr. Museum reopens as part of the Iris and B. Gerald Cantor Center for
	°,	Visual Arts
	August	Green Library West reopens as Bing Wing
2000	May 2	The foothills surrounding "the Dish" become a habitat conservation area
	September 1	John L. Hennessy takes office as tenth President
2001	May 2	\$400 million received from The Hewlett Foundation, the largest gift in University history
2001	October 24	Wallenberg Hall dedicated
2002	December	Institute for Cancer/Stem Cell Biology and Medicine established
2003	October 17	The James H. Clark Center is dedicated
2003 2004	April	Stanford Institute for the Environment founded
200 1	11 pm	Stamory institute for the Environment founded

Location of Individual Diploma Award Ceremonies and Receptions

Commencement Exercises in the Stanford Stadium are followed by Individual Diploma Award (IDA) ceremonies. This list specifies the location of each department's IDA ceremony and, if different, the location of its reception. Each award ceremony may be found at the location identified by the number and grid locator corresponding to the map below. Award ceremonies in the Main Quad also have the notation "MQ" (e.g., MQ Bldg, 40).

Main Commencement Exercises, Stanford Stadium1 [F2]
Aeronautics and Astronautics,
Terman Auditorium/Durand Bldg. Patio 2/3 [B6/C6]
African and African American Studies,
Elliot Program Center
American Studies, Ford Center Grove
Anthropological Sciences, New Guinea Sculpture Garden
Archaeology, Courtyard between MQ Bldgs. 360 and 320/ Conference Room of Bldg. 36067 [C6]
Applied Physics, Hewlett Bldg, Rm. 200/Serra Grove. 52/53 [D6]
Art and Art History, Cummings Art Bldg. Front Steps
and Patio
Asian Languages, Dinkelspiel Auditorium/MQ Bldg. 50 Arcade 39/8 [B5/C5]
Bioengineering, Clark Center, Central Courtyard
Biological Sciences, Gilbert Biological Sciences Bldg., Merck Green
Chemical Engineering,
between Stauffer III and Old Chemistry
Chemistry, Braun Auditorium/Mudd Chemistry Bldg 11 [E7]
Civil and Environmental Engineering, Memorial Aud 12 [D4]
Classics, Lower Courtyard btwn. MQ Bldgs. 420-460 13 [D5]
Communication, Memorial Court
Comparative Literature, Dinkelspiel Aud./MQ Oregon Courtyard
Comparative Studies in Race and Ethnicity,
Green Library Front Lawn 15 [C4]
Computer Science, Old Union Courtyard16 [B5]
Continuing Studies Program, Keith Memorial Terrace, behind Memorial Church
Cultural and Social Anthropology,
Schwab Vidalakis Dining Room/Courtyard
Drama, Roble Gym Courtyard19 [B7]
Earth Sciences, School of, Mitchell Earth Sciences Bldg. Patios
East Asian Studies, Bldg. 320 Lawn/
MQ Bldg. 50 Arcade
Economics, Hoover Tower Front Lawn
Education, School of, West Oval Grove
Electrical Engineering, Stone Pine Plaza/SEQ Plaza24/25 [D7]
English, Memorial Church/MQ Bldg. 60 Arcade 26/27 [C5]
Feminist Studies, Haas Center
French and Italian,
Dinkelspiel Auditorium/MQ Oregon Courtyard 39/30 [B5/C5]
German Studies, Dinkelspiel Auditorium/MQ Oregon Courtyard 39/30 [B5/C5]

Graduate School of Business (GSB)	
Ceremonies were held on Saturday, June 11, 2005	20 [] [
History, MQ Bldg. 200, Citrus Courtyard	. 33 [D5]
Human Biology,	25 [05]
Center of Inner Quad	
Individually Designed Majors, Engineering, Gibbons	
btwn. Terman Engineering Bldg, and Santa Teresa St.	
Interdisciplinary Studies in Humanities, Ford Center Grove	E (D2)
International Relations, International Policy Studies	
Dohrmann Grove, adjacent to Art Gallery	
Law, School of, Ceremonies were held on May 15, 2005	,
Linguistics, Koret Park, behind School of Education	49 [04]
and Meyer Library	. 42 [04]
Management Science and Engineering,	42 [D7]
Lagunita Courtyard	1 3 [b 7]
Materials Science and Engineering, Cubberley Auditorium, Lobby and Arcade	44 [C4]
Mathematics, Mathematical and Computational Scie Oak Grove adjacent to Math Corner, MQ Bldg. 380	
	. TO [DO]
Mechanical Engineering, Maples Pavilion/Arrillaga Plaza	5/47 [F2]
Medicine, School of,	
Ceremonies were held on Saturday, June 11, 2005	
Music, Braun Music Center, Campbell Recital Hall	50 [B4]
Philosophy, MQ Bldg. 90 Arcade	. 51 [D6]
Physics, Hewlett Bldg, Rm. 200/Serra Grove	
Political Science, Kennedy Grove	
Psychology, Ford Center Plaza	
Public Policy, Encina Commons Grove	
Religious Studies, Ford Center Grove	
Russian, East European and Eurasian Studies,	5 [D5]
MQ Bldg. 40, Room 41J/Bldg. 40 Arcade	57 [05]
Science, Technology, and Society, MQ Bldg. 370 Arcade	58 [D6]
	. 30 [D0]
Slavic Languages and Literature, Dinkelspiel Auditorium/MQ Oregon Courtyard 39/30	[B5/C5]
Sociology, East Oval Grove	. 60 [D5]
Spanish and Portuguese,	
Dinkelspiel Auditorium/MQ Oregon Courtyard 39/57	[B5/C5]
Statistics, Oak Grove adjacent to Math Corner, MQ Bldg. 380	. 45 [D6]
Symbolic Systems,	
MQ Bldg, 310 Lawn/Bldg. 60 Lawn	
Urban Studies, Galvez Modulars Lawn	. 63 [C4]
Visitor Information Center,	
Memorial Hall (inside Memorial Aud.)	. 64 [D4]

A Note for Faculty and Graduating Students:

The Stanford Bookstore provides drop-off sites for returning rented academic caps and gowns. The Information Table at site 66 (Galvez and Serra) has bins, as well as a list of other locations for gown return. The Bookstore will also be open Monday for return of rented academic regalia.