



MERIT SCHOLARSHIPS CAPITAL GRANTS BIOMEDICAL RESEARCH



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# Letter from Our Leadership

As we refect on 2010, we celebrate both the 73rd anniversary of the Boettcher Foundation and the manifestation of a number of new initiatives that we have pursued for quite some time.

#### **Respecting Collaboration**

2010 was a momentous year for us, as it marked the official launch of the Boettcher Foundation's new Webb-Waring Biomedical Research Grant Program. In 2008 the Webb-Waring Foundation entrusted the Boettcher Foundation not only with its assets, but also with the continuation of its legacy. We were humbled by this substantial expression of confidence and are indebted to the community experts we consulted throughout 2009 to establish the guidelines for this new giving category. As a result of their help, we were able and honored to announce the selection of the first class of Boettcher Investigators.

These grants support early-career biomedical investigators whose work has a direct impact on human health, who are within four years of appointment in their career-track academic positions, and who have not previously received a major independent research award. We invite you to read more about our first class of Boettcher Investigators within this report.

#### **Promoting Innovation**

Throughout 2010, the Boettcher Foundation also made significant investments in infrastructure and technology in order to serve the residents of the State of Colorado more efficiently and more effectively. This investment included further enhancements to our electronic Scholarship Application, a complete re-design of our internal accounting structure, and the comprehensive documentation of our standard operating procedures in a robust web-based database. All of these improvements will enhance our ability to assist the Colorado nonprofit community.

At the same time, we are delving into a thorough demographic study of the state and of our giving. We recognize that the world is always changing and believe that it is our responsibility to understand and appreciate that evolution, while also seeing it through the eyes of our donors. As a result, it is imperative that we stay knowledgeable about the changing demographics of the state. Our conversations in this arena throughout the last few years have lead to a re-evaluation of how we operate within the sphere of our donor intent while staying relevant to an evolving community. As a result, we will be undergoing a strategic review of our capital grantmaking guidelines in an effort to be more effective in serving the capital needs of Colorado nonprofits and communities.

#### **Recognizing Culmination**

As you can see, 2010 was a remarkable year for us. We saw a number of on-going efforts come to fruition. It is our avid intent to recognize the continual change that is inherent in our modern world, and to monitor those changes before taking considerate action in order to enhance the lives of Colorado residents. In so doing, we endeavor to be at the vanguard of some initiatives while taking a more measured approach to others, thereby staying relevant to the citizens we serve while also remaining true to the guiding principles set forth by our founders.

We thus enter 2011 eager to continue our commitment to service and our strategic support of Colorado communities.

Sincerely,

Tel We

Edward D. White III Chairman of the Board of Trustees

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Timothy W. Schultz President and Executive Director

### Welcome to the 2010 Boettcher Foundation

# Year in Review



Edward D. White III



Timothy W. Schultz

### Colorado's Own

On December 22, 1937, Claude K. Boettcher and his father, Charles Boettcher, created the Boettcher Foundation as a private corporation for charitable and benevolent purposes. The citizens of Colorado and the institutions that serve them are the prime interests of the Boettcher Foundation, and grants are exclusively distributed within the State of Colorado.

#### Past Trustees

Marcia Z. Ashton 2002-2004 Claude K. Boettcher\* 1937-1957 Charles Boettcher II\* 1937-1963 Edna C. Boettcher\* 1944-1958 Mae B. Boettcher \* 1958-2001 Claudia Boettcher Merthan 1987-2008 Judge Hatfield Chilson\* 1964-1986 James P. Craig 2000-2004 Cris Dobbins\* 1944-1979 C. Bruce Flick\* 1958-1982 Russell George 2006-2008 E. Atwill Gilman\* 1988-2002 J. B. Grant\* 1944-1947 A. Barry Hirschfeld 1988-2002 Richard A. Kirk 1982-1987 Walter K. Koch\* 1963-1987 Edward Lehman 1986-2000 Hover T. Lentz 1982-1997 Harry T. Lewis, Jr. 1986-2000 John C. Mitchell II\* 1979-2002 Hudson Moore, Jr.\* 1947-1983 James Quigg Newton, Jr.\* 1937-1955 Henry C. Van Schaack\* 1944-1963 Harris D. Sherman 2002-2009 J. William Sorensen 1980-1985 & 1998-2006 George M. Wilf ey\* 1983-1998 E. Warren Willard\* 1955-1979

William A. Douglas - President Emeritus

\*Deceased

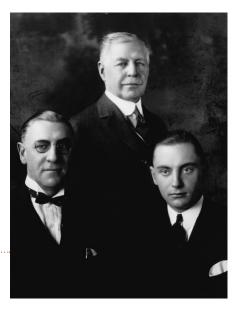
Claude K. Boettcher Charles Boettcher Charles Boettcher II

#### Foundation of the Dream

The establishment of the Boettcher Foundation fulfilled Claude Boettcher's desire to contribute to the people of Colorado and his native state. He once said, "My father and I have been successful in Colorado, and we owe everything to this state. I am firmly of the belief that I can't take it with me. But it's a hard task to give it wisely." In establishing the Boettcher Foundation, he aimed to fortify the state by distributing grants to philanthropic organizations.

The incorporators of the Foundation were Claude Boettcher, Charles Boettcher II, who served for many years as an Officer and Trustee, and James Quigg Newton, who served as both Secretary and Trustee. These three individuals constituted the Foundation's first Board of Trustees and granted the Foundation's first benefaction of \$500 to St. Anne's Convalescent Home.

Claude and Charles Boettcher provided the majority of the original corpus of the Foundation, which was built upon by subsequent family members, including Mrs. Fanny Augusta Boettcher, Mrs. Edna C. Boettcher, Mrs. Ruth Boettcher Humphreys and Mrs. Mae Boettcher.



#### **Dedicated Leadership**

The affairs of the Foundation are directed by Trustees who give of their time and counsel to uphold and further the purposes of the Foundation. The Trustees' primary mission is to oversee the distribution of grants in the project areas of Education, Arts & Culture, Community & Social Service and Healthcare. They supervise the administration of the Boettcher Scholarship Program and direct the investment of the endowment held by the Foundation.

#### The Legacy Continues

Since its incorporation in 1937 through the end of 2010, the Trustees have awarded grants of approximately \$300 million.

#### 2010 Trustees

Edward D. White III - Chairman of the Board M. Ann Penny - Vice Chairman of the Board Larry A. Allen, MD, MHS Pamela D. Beardsley Paul H. Chan Theodore F. Schlegel, M.D. Thomas Williams Donald Woods

### HISTORY

### **CAPITAL GRANTS**



Lake City Medical Center, Lake City, Colorado

The Boettcher Foundation provides capital grant funding to 501(c)(3) organizations and governmental entities within the State of Colorado. Capital grants are made in four primary categories: Arts & Culture, Community & Social Service, Education, and Healthcare.

During 2010, the Trustees of the Boettcher Foundation paid 187 grants in Colorado, totaling approximately \$14 million. Grant requests received throughout the year totaled 359. Following is a description of the organizations and projects within the four primary categories to which capital grants were awarded in 2010.

#### Healthcare

Bonfils Blood Center   Denver Renovation of the headquarters and laboratory facility	75,000
Hospice and Palliative Care of Western Colorado   Delta Acquistion of branch facility	15,000
Lake City Area Medical Center   Lake City Expansion of medical clinic	25,000
Mountain Family Health Center   Rifle Construction of medical clinic	50,000
Peak Vista Community Health Centers   Colorado Springs Renovation of main campus clinical facility	50,000
Peak Vista Community Health Centers   Cripple Creek Renovation of school-based medical clinic	10,000
Plains Medical Center   Limon Construction of dental facility	20,000
Prairie View Health Resources   Cheyenne Wells Construction of medical clinic	25,000
Rocky Mountain Multiple Sclerosis Center   Broomfield Acquisition of headquarters and program facility	75,000
The Memorial Hospital   Craig Construction of healthcare facility	50,000
······	95,000

### **CAPITAL GRANTS**

### Education

Colorado Mountain College   Leadville Construction of new building at the Timberline Camp	ous 75,000
Community College of Aurora   Aurora Renovation of Lowry Campus	150,000
Rocky Mountain Deaf School   Golden Construction of school facility	100,000
University of Colorado Denver   Denver Renovation of the College of Business facility	250,000
	TOTAL 575,000

### Arts & Culture

Civic Center Conservancy   Denver Renovation of Civic Center	250,000
Discovery Museum at the Powerhouse   Durango Acquisition and renovation of historic powerhouse	50,000
El Centro Su Teatro   Denver Acquisition and renovation of Denver Civic Theatre	150,000
Lincoln Center   Fort Collins Renovation of performing arts center	50,000
National Trust for Historic Preservation   Denver Acquisition and renovation of multi-tenant nonprofit center	75,000
Rocky Mountain Repertory Theatre   Grand Lake Construction of new theatre	50,000
Spanish Peaks Arts Council   La Veta Expansion of studio space	10,000
Wright Opera House   Ouray Acquisition and renovation of historic opera house	20,000

TOTAL 655,000



Discovery Museum at the Powerhouse, Durango, Colorado

### Community & Social Service

Bayaud Industries, Inc.   Denver Renovation of headquarters facility	30,000
Brothers Redevelopment, Inc.   Denver Renovation of headquarters facility	25,000
Catholic Charities and Community Services   Gree Construction of community assistance center	<b>eley</b> 25,000
Custer 2020   Westcliffe Acquisition of community and recreation center	75,000
Denver's Road Home   Denver Support of the homeless initiative	200,000
El Puebloan Adolescent Treatment Facility   Pue Renovation of treatment facility	e <b>bio</b> 10,000
GLBT Community Center of Colorado   Denver Construction of headquarters and community center	75,000
Goodwill Industries   Denver Renovation of headquarters facility	25,000
Meals on Wheels   Loveland Expansion of multi-use commercial kitchen	20,000
Meeker Food Bank   Meeker Construction of food bank	10,000
Mesa County Partners   Grand Junction Acquisition of program facility	40,000
Nederland Community Library   Nederland Construction of library	10,000
Qualistar Early Learning   Denver Support of Early Learning Center Capital Fund	300,000
Rio Blanco 4H   Meeker Construction of agricultural education/community cer	nter 20,000
Sterling Public Library   Sterling Renovation and expansion of library	25,000
Telluride Foundation   Telluride Acquisition of headquarters facility	25,000
Third Street Center   Carbondale Renovation of multi-tenant nonprofit center	40,000
Weld Food Bank   Greeley Construction of commercial kitchen	25,000
	total <b>980,000</b>

# 2010 Grants Paid by County

#### Sedgwick Logan Larimer Moffat Weld Phillips Jackson Routt 6 Morgan Boulder Yuma Grond 9 Washington **Rio Blanco** Aams 3 **A**pahoe Eagle Garfield 1 Elbert Kit Carson Pitkin Mesa 3 Park Lincoln Teller Cheyenne Delta El Paso Chattee Gunnison Ŷ 18 1 а Fremont Kiowa Montrose Crowley Pueblo Oursy Custer Hinsdale Saguache San Miguel Prowers Bent Otero 1 Dolores Huertono Sen Juan Mineral **Rio Grande** Alamosa 1 Montezuma La Plata Las Animas Baca Costilla Conejos Archuleta 2

Alamosa	1
Arapahoe	3
Boulder	19
Cheyenne	1
Costilla	1
Custer	1
Delta	1
Denver	98
Dolores	1

Douglas	1
Eagle	2
El Paso	18
Gilpin	1
Grand	2
Gunnison	3
Hinsdale	1
Jefferson	7
Kit Carson	1

La Plata	2	Morga
Lake	1	Pitkin
Larimer	6	Pueblo
Lincoln	1	Rio Blo
Logan	1	Rio Gr
Mesa	1	San M
Mineral	1	Summ
Moffat	1	Weld
Montezuma	1	

Morgan		1
Pitkin		3
Pueblo		1
Rio Blanco		1
Rio Grande		1
San Miguel		1
Summit		1
Weld		1
	τοται	197

TOTAL 187

### **CAPITAL GRANTS**

### **Program Overview**

### WEBB-WARING BIOMEDICAL RESEARCH



The Webb-Waring Institute was founded in 1924 by Dr. Gerald Bertram Webb and later directed by Dr. James J. Waring. For over 80 years, the organization contributed to the advancement of biomedical research by engaging in basic and clinical research and training research scientists. In 2008, the Webb-Waring Institute became a part of the University of Colorado and is now known as the Webb-Waring Center. The Boettcher Foundation has been entrusted with the stewardship of the Webb-Waring Foundation's assets, and through an innovative agreement between the Boettcher Foundation, the Webb-Waring Foundation and the University of Colorado, a new funding area was established at the Boettcher Foundation that will support the work of early-career investigators in the biomedical sciences in Colorado.

#### **Biomedical Research Awards**

Grants from \$200,000 to \$300,000 covering up to three years of research activity are funded with the intent to provide independent research opportunities to promising and talented early-career investigators (ECIs). ECIs are faculty members who are four years or less from their first academic appointment at a Colorado research institution.

This program is designed to help recruit, retain and advance scientific talent within Colorado and is implemented in partnership with public and private nonprofit institutions that have significant biomedical research programs. The grants support the work of the "best and brightest" within the cohort of ECIs in Colorado.

Eligible investigators apply through competitive processes established within their individual institutions. Eligible Colorado institutions include: Bonfils Blood Center, The Colorado College, Colorado School of Mines, Colorado State University, Craig Hospital, Mesa State College, Metropolitan State College of Denver, National Jewish Health, Regis University, University of Colorado System, University of Denver and University of Northern Colorado. The Webb-Waring Biomedical Research Program ensures that the Webb-Waring legacy lives on both through the discovery of new knowledge that improves human health and through the investment in and advancement of young scientists.

For additional information, please contact: Julie Lerudis Director, Grants Program 303.534.1937 Lerudis@BoettcherFoundation.org

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### **Boettcher Investigators**

### WEBB-WARING BIOMEDICAL RESEARCH

The Boettcher Foundation is proud to introduce the new Webb-Waring Biomedical Research Program and its 2010 (Inaugural) Class of Boettcher Investigators. This new grant program will ensure that the Webb-Waring legacy lives on both through the discovery of new knowledge that improves human health through the investment in and advancement of early-career scientists.

In ceremonies held on June 30, 2010 at the Colorado Governor's Residence at the Boettcher Mansion, the first class of 'Boettcher Investigators' in the Webb-Waring Biomedical Research Program was introduced by Edward D. "Ted" White III, Chairman of the Boettcher Foundation Board of Trustees. Colorado Governor Bill Ritter, Jr., and Gregory Downey, M.D., Executive Vice President of Academic Affairs at National Jewish Health and Professor of Medicine, Pediatrics and Immunology at University of Colorado's School of Medicine.

Timothy W. Schultz, President and Executive Director of the Boettcher Foundation, stated that the new program fills an important unmet need by assisting early-career investigators engaged in biomedical sciences in Colorado to advance their research and honors the tradition of the Webb and Waring families by investing in science that has the possibility of making significant contributions to human health.

Governor Ritter said, "By supporting our early-career investigators, the Boettcher Foundation brings resources to an area where funds are currently lacking and where federal and private research programs provide little support. Early-stage investigators have a difficult time getting a first opportunity at an independent research effort that will move them out of the laboratory of their mentors and into their own new and exciting areas of discovery. The Boettcher Foundation continues to serve the needs of Colorado in generous, visionary and innovative ways."

Individual grant amounts for these research projects range from \$200,000 to \$300,000. The grant amounts allocated varied based on funding available to the institution and size of project.

"We'd announced the creation of the Program in 2008, as the result of an innovative agreement among the Boettcher Foundation, Webb-Waring Foundation for Biomedical Research and the University of Colorado," Schultz explained. "In the interim, we've worked long and hard with our State's Universities, public officials, the Governor's Office, and the



The 2010 (Inaugural) Class of Boettcher Investigators in the Webb-Waring Biomedical Research Program:

- Shaodong Dai, Ph.D., Assistant Professor of Immunology, National Jewish Health, Chronic Beryllium Lung Disease
- Robin Dowell, D.Sc., Assistant Professor of Molecular, Cellular and Developmental Biology, University of Colorado at Boulder, Translational Bioinformatics Involving Drug Efficacy and Genetics
- Gidon Felsen, Ph.D., Assistant Professor of Physiology and Biophysics, University of Colorado – Anschutz Medical Campus, Parkinson's Disease
- Paul Jedlicka, M.D., Ph.D., Assistant Professor of Pathology, University of Colorado – Anschutz Medical Campus, Ewing Sarcoma, a Common Cancer of the Bone and Soft Tissue Affecting Children
- Keith Neeves, Ph.D., Assistant Professor of Chemical Engineering, Colorado School of Mines, Role of Blood Flow in the Formation of Blood Clots
- Melissa Reynolds, Ph.D., Assistant Professor of Chemistry, Colorado State University, Nitric-Oxide Releasing Materials for Cardiovascular Medical Devices

bioscience industry in Colorado to understand the strategies in place and to identify the best opportunity for investment by the Foundation of more than \$1 million each year into efforts to increase our competitiveness in biomedical science."

Dr. Downey said, "I want to express our appreciation and respect for the manner in which the Boettcher Foundation has worked with the University of Colorado, Colorado State University, National Jewish Health and at least eight other prominent research institutions in the State in designing

### **Boettcher Investigators**

### WEBB-WARING BIOMEDICAL RESEARCH

and implementing the new Webb-Waring Biomedical Research Program. The Foundation's process brought us all to the table in a productive and creative dialogue."

The program enhances the mission of the Boettcher Foundation, which was created by a visionary and pioneering family in Colorado to improve the quality of life and opportunities for Coloradans. "It is with gratitude to the Boettcher, Webb and Waring families that the Boettcher Foundation now introduces the Webb-Waring Biomedical Research Program that will support the important work of Boettcher Investigators," Schultz concluded.



Timothy W. Schultz speaking during the June 30, 2010 News Conference announcing the inaugural class of Boettcher Investigators.

Colorado State University Boettcher Investigator Receives \$1.3 Million Defense Grant to Develop Artificial Wound-Healing Aids for Battlefield Injuries



Dr. Melissa Reynolds, 2010 Boettcher investigator

The Department of Defense has awarded a Colorado State University chemistry professor a three-year, \$1.3 million grant to develop an artificial, wound-healing material for battlefield injuries.

Dr. Melissa Reynolds, assistant professor and the only Boettcher Investigator at Colorado State, has developed a biodegradable polymer with healing properties – essentially a soft plastic – that could be used inside or outside the human body. The material contains nitric oxide, which is a naturally occurring substance within the body that can prevent infection while also promoting healthy cell growth.

Reynolds and her team are in the early stages of developing a prototype, but eventually, the material will look like gauze in a first-aid kit. This gauze, however, will have additional biological materials to help heal more effectively.

"This material could be used on deep cuts inside the skin and muscles to prevent infection and bleeding and help the cells start to grow back in a healthy way. Eventually, the material dissolves into the body," Reynolds said.

"The wound-healing properties of this polymer would be particularly useful for the military or in natural disasters. In the case of the devastating events in Haiti, for example, there were a lot of cases of injury and infection.

These materials could be dropped out of a plane as the first line of defense toward injuries that tend to cause long-term problems." The new material could be used to coat medical devices such as stents, orthopedic implants, patches and sutures and help the devices do what they're supposed to do: provide medical treatments without causing complications in the surrounding cells or tissues. In later years of the Department of Defense grant, Reynolds will work with E.J. Ehrhart and Simon Turner, professors in the university's College of Veterinary Medicine and Biomedical Sciences, to test the product.

In 2010, the Boettcher Foundation named Reynolds as one of only six 2010 Boettcher Investigators as part of the Webb-Waring Biomedical Research Program.

"Dr. Reynolds has been on a steep trajectory in her research career following her recognition as a Boettcher Investigator," said Bill Farland, vice president for Research at Colorado State. "The generous grants awarded by the Boettcher Foundation and the state's Bioscience Discovery Evaluation Grant Program, through the Office of Economic Development and International Trade, have helped stimulate important research in her laboratory."

## **Program Overview**

Originally created in 1952, the Boettcher Foundation Scholarship Program now includes over 2,200 Alumni and Current Scholars and has provided over \$57 million in undergraduate scholarships. In 2010, Scholarships paid on behalf of the 160 Boettcher Scholars enrolled as undergraduates in Colorado universities and colleges totaled over \$3 million.





LEFT CSU Boettcher Scholars at the 2010 Boettcher Scholar Holiday Party at the Governor's Residence at the Boettcher Mansion. ABOVE 2007 Scholars Abby Nimz and Ani Reddy show their school spirit at a CU football game.

The vision for the Scholarship came from the high value the Boettcher family placed on education. In addition to supporting capital projects on many Colorado campuses, Claude Boettcher felt if Colorado's most gifted young people were educated in the state they would remain in Colorado as adults and ultimately provide leadership for the state's communities. He was also aware that Boettcher Scholars had the potential to raise the bar at Colorado's institutions of higher education, thus enhancing the environment of these institutions and benefitting a far larger number of students indirectly.

Of the more than 2,200 Boettcher Scholars to date, more than half of the Alumni have remained in Colorado and become leaders in their professions and communities, fulfilling Claude Boettcher's vision.

#### Scholarship Guidelines

#### Award

Each of the 40, four-year Scholarships is composed of the following:

- Full Tuition & Fees at any of the 4-year institutions in the state.
- Living Stipend
- Book Allowance
- International Education Grant
- Educational Enrichment Grants

#### Eligibility

Applicants must meet these requirements in order to be considered for the Boettcher Scholarship:

- Rank in the Top 5% of their graduating class or the top 2 students in classes under 40
- Earn at least a 27 on the ACT or a combined score of 1200 on the Critical Reading and Math sections of the SAT
- Be a Colorado Resident and U.S. Citizen or permanent resident
- Be a Colorado High School Senior

#### Selection Criteria

Scholarships are awarded by a committee selected by the Trustees of the Boettcher Foundation. Selection criteria are:

- Superior Scholastic Ability
- Evidence of Leadership & Involvement
- Service to Community and School
- Outstanding Character

# **Program Components**

### **SCHOLARSHIPS**

#### Scholar Events

Each year, the Foundation hosts the 40 new Scholars at three events:

- Rockies Baseball Game
- Teacher Recognition Awards Program
- Orientation Day at the Governor's Residence at the Boettcher Mansion

#### Scholar Community Service Days

The Foundation organizes two Scholar Community Service Days each year. For the spring event, Current and Alumni Scholars typically provide landscaping and restoration work for such organizations as the Bluff Lake Nature Center or Volunteers for Outdoor Colorado, while for the Fall service day, Current Scholars dress in costume to help staff the Butterfy Pavilion's Halloween event, Bug-A-Boo.



TOP 2010 DU Scholars Deshae Gehr, Colin Jorgensen, Kyle Hanson and Alyssa Evans bond at the annual New Scholar Rockies Game. BOTTOM At the Scholar Orientation, 2010 Scholars Devon Tivona (CU), Thamanna Vasan (CC) and Michael Yang (CU) work through a team-building exercise.



LEFT Current Scholars and Scholar Alumni at our All-Scholar Spring Service Day event at Bluff Lake Nature Center. RIGHT 2009 DU Scholars Gergana Kostadinova and Joseph Zhang, catch up with 2009 CC Scholar Kalen Acquisto at the 2010 Boettcher Scholar Holiday Party.

In addition to full tuition, fees, books and a living stipend, Scholars are also provided with events and programming that foster unforgettable life experiences.

#### Campus Enrichment Events

Boettcher Scholars also attended several events held by each of the five campuses that host them and supported by the Foundation's campus enrichment programming grant, including: academic lectures, ballets, plays, symphonies, leadership academies, workshops, retreats and special events hosted by the Presidents and Chancellors.

# Holiday Party at the Governor's Residence at the Boettcher Mansion

The Foundation also hosts a Current Scholar holiday party in the former home of the Boettcher family. The event allows students to visit with Scholars from other campuses and to take part in a toy drive to benefit one of the first organizations to receive a Boettcher Foundation grant. Scholars collect toys for the Denver Santa Claus Shop, which provides toys to thousands of needy children in the Denver area each year.

#### Educational Enrichment Grants

Scholars may also apply for individual grants to pursue experiences deemed academically enriching and helpful to them as they prepare for graduate school and/or a future career. The funds have been used to support a wide variety of projects and programs in the following four giving categories: Academic/Professional Development, Internships, Research and Special Classes/Field Sessions.

#### Boettcher International Education Grant

Recognizing the importance of cross-cultural connections in today's global community, many Boettcher Scholars apply for the Foundation's International Education Grant. Each Scholar can submit a request to exchange one half of one year's scholarship for a \$5,500 grant or one year's Scholarship for a \$8,600 grant to be applied toward a study abroad experience approved by his/her college or university.

#### BOETTCHER FOUNDATION

# **2010 Scholars**

### **SCHOLARSHIPS**



Silver Creek (CU)



Samantha Cure Idalia (DU)



Morgan Flynn Saint Mary's Academy (CU)



Ben Horblit Arapahoe (DU)



Hannah Koschnitzke Estes Park (DU)



Matt Peterson Sanford (DU)



Mark Sakaguchi Horizon (CU)



Thamanna Vasan Eaglecrest (CC)



Carly Barnard Highlands Ranch (CU)



Palisade (DU)



Monarch (DU)



Lindsey Hubbard Valley (CU)



Erin Lee Delta (DU)



Marisa Pooley Overland (DU)



Holly (CSU)



Ralston (UCCS)



Mountain View (CSU)



Michael Estrada Rocky Ford (CSM)



Lanna Giauque Greeley West (DU)



**Charles Johnson** Kit Carson (DU)



Scott McClary Fort Morgan (CSM)



Teo Price-Broncucia Denver East (CC)



Olya Slyusar Arvada (DU)



Soroco (DU)



Limon (CU)



Alyssa Evans Battle Mountain (DU)



Gabe Goodman Greeley Central (DU)



Colin Jorgensen Greeley Central (DU)



Hannah Merten Cherry Creek (DU)



Lisa Reid Brighton (Adams State)



Devon Tivona Rocky Mountain (CU)



Michael Yang Lakewood (CU)



Arnie Clarke Cripple Creek-Victor (CSM)



Regis Jesuit (CC)



Kyle Hanson Heritage (DU)



Vincent Koeller Plainview (CSU-Pueblo)



LaRona Mondt Briggsdale (CSU)



Tanner Ryan Jefferson Academy (CU)



Brandon Tortorelli Hoehne (CSM)



Elise Yenne Wasson (CSU)



#### International Education Grants

During 2010, 17 Scholars traveled abroad using Boettcher International Education Grants. They visited countries across the globe including, Argentina, Chile, Germany, Greece, Italy, Ireland, Peru, Senegal, South Africa and Spain. Photos from a few of these academic experiences are pictured here.





FAR LEFT Ken Macneal (2009, DU) takes a sojourn to Paris, France, while studying abroad at the University of Salamanca, Spain. CENTER 2007 CU Scholar Anita Lowe supplements her university curriculum by learning how to cook traditional Italian fare at the local pizzeria near her apartment in Perugia, Italy. ABOVE Claire McKeever (2008, CC) scales a peak near Bariloche, Argentina during her semester studying abroad in Buenos Aires.

#### **Educational Enrichment Grants**

Of the Current Scholars, 31 were awarded Educational Enrichment Grants during the year for special projects and experiences, including the following:

- Cultural exchange, research, service learning and study programs in Botswana, Ghana, Uganda and Vietnam.
- Internships with the Obama Administration and Senator Mark Udall in Washington, D.C., the Colorado U.S. Attorney's Office and acclaimed veterinarians in Australia
- Research, special classes and learning experiences on topics such as Eco-feminism in the Energy Industries of Northwest Colorado, Physical Education Effectiveness in the San Luis Valley and the affects of corporations on the Swedish media.
- Academic and professional development experiences, such as serving on a medical brigade in Quito, designing a database for an international service organization and attending the 60th Annual Oil and Gas Law Conference.



TOP While documenting the scarcity and choice of economics in Manaus, Brasil, Brooke Tiley (2008, CCU) interacts with some local residents impacted by her research. LOWER LEFT 2007 CSU Scholar Bijah Gibson on a field trip to London, England while participating in a summer abroad experience to study European business strategy in Copenhangen, Denmark. LOWER RIGHT Cara Stiefel (2008, CC) gets hands-on medical experience while participating in a medical internship in Bolivia.





#### Teacher Recognition Awards

The Teacher Recognition Awards Program was created by the Trustees of the Boettcher Foundation to provide an opportunity for Boettcher Scholars to extend their gratitude to the counselors, principals, superintendents and, in particular, teachers who have dedicated themselves to providing the youth of Colorado with an outstanding education.

Recipients of the Teacher Recognition Award are recognized at a dinner in their honor and receive plaques commemorating the occasion and \$1,000 grants to be used at their schools for a special program or project. Additionally, the individuals who wrote the Scholars' lead recommendations, typically counselors and principals, are invited as a means of demonstrating the Foundation's appreciation of their commitment and dedication to education.

Since its inception in 1992, the Teacher Recognition Awards Program has distributed \$636,000, benefitting elementary and secondary schools throughout the State of Colorado. Over the course of the award's history, recipients of the Teacher Recognition Award have used the funding for a

variety of educational purposes. A sampling of these are listed here:

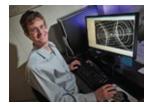
- The purchase of a set of Vernier Lab Pro chloride ion specific electrodes for the Chemistry class
- The purchase of equipment to facilitate podcasting as part of the AP English Language and Composition curriculum.
- Installation of a Skystream AM 3.7 wind turbine to develop an alternative energy curriculum.



Michael Estrada, 2010 CSM Scholar, at the 2010 Teacher Recognition Awards Program with representatives of Rocky Ford High School, including teacher Christie Shelton.

#### Significant Awards

Every class of 40 Scholars represents a diverse spectrum of interests and boasts some of the most impressive academic, leadership and service records in the country. Of particular distinction this year are the awards listed below. We congratulate all of our Scholars, for those accomplishments listed here and for the myriad other successes they have achieved.



Goldwater Scholar and Hertz Fellowship Finalist Kevin Fiedler at CU-Boulder.

In March, Kevin Fiedler (2007, CU) was named a 2010 Goldwater Scholar, the premier national undergraduate award recognizing outstanding students in math, science and engineering. Just a few months later he was also recognized as a finalist for the prestigious Hertz Fellowship, which is a merit-based doctoral fellowship

supporting the early research endeavors of applied physical, biological and engineering science students who possess the potential to change our world for the better by solving difficult, real-world problems.

Clay Garcia (2007, CSM) earned ESPN First Team Academic All-America recognition in 2010. He also received First Team All-Rocky Mountain Athletic Conference (RMAC), First Team Academic All-RMAC and RMAC Football Academic Player of the Year accolades this year. Garcia was a finalist for the 2010 Harlon Hill Trophy (NCAA Division II Football Player of the Year), and lead the nation in touchdown passes in November. Garcia was also ranked first in the RMAC and sixth in the nation in passing yards, as well as first in the RMAC and eighth in the nation in total offense.



Clay Garcia received numerous accolades for his work as CSM Orediggers quarterback.



NSF Recipient Samantha Johnson at the Boettcher Foundation offices.

Samantha Johnson (2007, CU) received a prestigious National Science Fellowship. The award includes a \$30,000 annual stipend and full tuition for three years of graduate work. Sam was also named the CU-Boulder Outstanding Graduate of the College of Engineering and Applied Science in recognition of her outstanding academic achievements and equally outstanding achievements in research and service as an undergraduate student in the College.

# Scholarships Awarded 1952-2010

#### Sedgwick 3 Logan Larimer Phillips Moffat Weld Jackson 29 Routt 5 138 2 Morgan Boulder 62 159 Yuma 15 91 Rio Blanco Washington 8 6 Adam 7(0) 38 18 Acapatras 293 Eogle Garfield 21 0 Elbert Kit Carson 31 13 Mesa Park 8 Cheyenne Delta 29 4 El Paso Gunnison Choffee 4 9 60 183 Iô. Fremont Kiowa Moni 2 2 Crowley 22 13 5 Pueblo e Saguache San Miguel З Prowers Bent 77 Otero 10 9 11 Dolores 34 San Jua Huarton Mineral **Rio Grande** Alar 6 27 2 14 Montezuma La Plata Las Animas Baca Costilla 16 Conejos 13 13 Archuleta 18 2 9 4

Adams	70
Alamosa	14
Arapahoe	293
Archuleta	2
Baca	13
Bent	9
Boulder	91
Broomfield	14
Chaffee	16
Cheyenne	4
Clear Creek	1
Conejos	9
Costilla	4
Crowley	5
Custer	7
Delta	29

Denver	277
Douglas	31
Eagle	10
El Paso	183
Elbert	8
Fremont	22
Garfield	21
Gilpin	1
Grand	6
Gunnison	13
Huerfano	6
Jackson	5
Jefferson	263
Kiowa	2
Kit Carson	13
La Plata	18

Lake	3
Larimer	138
Las Animas	13
Lincoln	9
Logan	29
Mesa	60
Mineral	2
Moffat	2
Montezuma	16
Montrose	27
Morgan	62
Otero	34
Ouray	3
Park	1
Phillips	11
Pitkin	1

Prowers	11
Pueblo	77
Rio Blanco	8
Rio Grande	27
Routt	15
Saguache.	10
San Juan	2
San Miguel	3
Sedgwick	3
Summit	8
Teller	4
Washington	18
Weld	159
Yuma	38
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TOTAL 2,214

### **SCHOLARSHIPS**

# **Trustee-Initiated Awards**

#### Boettcher Opportunity Award

In addition to funding the well-known Boettcher Scholarship Program, the Foundation provides another category of financial assistance through the Boettcher Opportunity Award. Started in 1989, the award supports under-represented students at Colorado colleges and universities. Each participating school is awarded \$15,000 to be distributed to five qualified students.

The program now provides scholarship funding to sixteen institutions, including:

Adams State College Colorado College Colorado School of Mines Colorado State University Colorado State University-Pueblo Fort Lewis College Johnson & Wales University Mesa State College Metropolitan State College **Regis University** University of Colorado Boulder University of Colorado Colorado Springs University of Colorado Denver University of Denver University of Northern Colorado Western State College

2010 Boettcher Foundation Trustee-Initiated Awards

On the Foundation's own initiative, the Board of Trustees may award grants to organizations within Colorado that have a relationship with the Foundation, some actually preceding the start of the Foundation.

Adam's Camp Black American West Museum Boulder Bach Festival Breakthrough Kent Denver Capitol Hill Community Services Center for Colorado and the West Central City Opera Cleo Parker Robinson Dance Ensemble Colorado Association of Funders Colorado Ballet Colorado FFA Foundation Colorado Nonprofit Association Colorado Outward Bound Colorado Trout Unlimited Colorado Trust for Public Land Community Resource Center Crested Butte Land Trust Crow Canyon Archeological Center Denver Metro Chamber Leadership Foundation Denver Public Schools Foundation Denver Santa Claus Shop Easter Seals Goodwill Industries of Denver Governor's Residence Preservation Fund lliff School of Theology Kent Denver

Little Sisters of the Poor Living City Block Metro CareRing MS Society of Colorado National Arts Strategies National Jewish Health National Scholarship Providers Association National Western Stock Show Opera Colorado Presidents Leadership Class, CU Boulder **Rio Grande Headwaters Land Trust** Rocky Mountain Biological Laboratory Salvation Army - Intermountain Division Sensory Processing Disorder Foundation Spellbinders St. Anne's Episcopal School Stanley British Primary School The Nature Conservancy Colorado Chapter University of Colorado Foundation University of Denver Veterans of Hope Project Volunteers for Outdoor Colorado Volunteers of America Webb-Waring Center Young Nonprofit Professionals Network Young Voices of Colorado

## **Program Overview**



In recognition of the 50th anniversary of the Boettcher Scholarship Program in 2002, the Board of Trustees decided to start a new program with the hope that in future years it would have a similarly substantial impact on the State of Colorado. The Boettcher Teachers Program aims to prepare teachers to make a lasting difference in the individual lives of low-income students, their communities and their schools, thereby striving to ensure equitable educational experiences for all students.

The Boettcher Teachers Program combines the best-known research and practices for teacher recruitment, preparation, induction and support in high-needs schools. This rigorous program is a hybrid of traditional and alternative graduate-level teacher education and is designed to increase the achievement levels of high-needs students by providing them with a greater number of highly qualified teachers.

A collaboration between the Boettcher Foundation, Public Education & Business Coalition, University of Denver College of Education, Adams 12 Five Star Schools and Mapleton Public Schools, the Boettcher Teachers Program admits a select number of Fellows each year. These Fellows make a five-year commitment to teaching in one of the Program's partner districts in exchange for payment of costs associated with their teaching certification and Master's degrees, a living stipend during their 1-year teaching residency and the opportunity for unique mentoring and encouragement through the Program's community of teachers.

In the first year of the program, Fellows complete their licensure requirements with the support of a mentor teacher, thus earning their initial teaching license through the Colorado Department of Education. At the same time, they participate in a teaching residency during which they work in a high-needs classroom with a mentor teacher and receive on-site feedback from both the mentor and program staff. Fellows complete their Master's degrees at the end of the first year.

In the second through fifth years, Fellows are full-time teachers in one of the partner districts, earning full-time teaching salaries. During this time, Fellows receive significant mentoring from their district's induction staff, ultimately attaining professional teaching licenses after completing their district's induction. This combination of serving in classrooms as both teachers and students allows Boettcher Fellows to immediately draw valuable connections between academic theory and classroom practice.



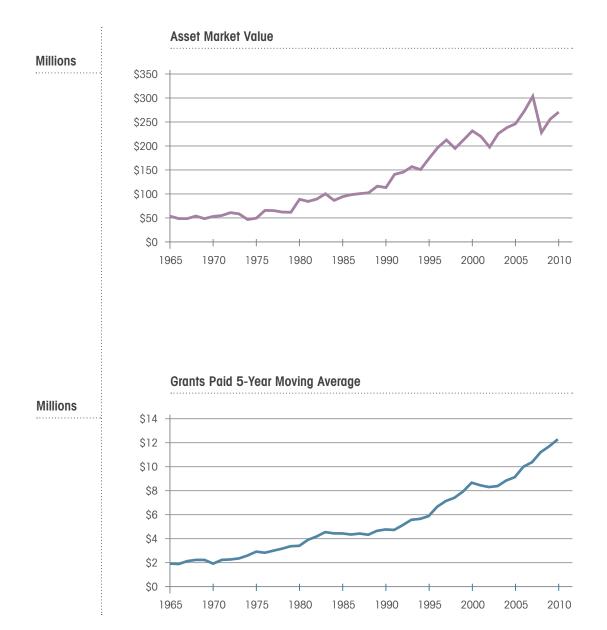
An estimated one-half of teachers leave the profession after just five years, and the majority of these individuals cite their lack of practical preparation and on-the-job mentoring as reasons for changing careers. The Boettcher Teachers Program directly addresses this issue both through the field-based education discussed above, and through its commitment to a comprehensive mentoring program. We hope that by targeting former teachers' primary reasons for leaving the field, we can encourage Fellows to continue teaching - and to continue in the districts that need them most - long after the five years required for participation in the Boettcher Teacher's Program.

In fostering this spirit of support, the Program focuses explicitly on its mentors' development both as experienced teachers and as mentors, enabling them to expand their traditional role within the school to one of a site-based teacher educator. Mentors report renewed enthusiasm for teaching and increased opportunities to refect on the philosophy behind their chosen career. Fellows indicate that the supportive encouragement of their mentors has helped them to achieve new heights throughout the rigorous Program and challenging responsibilities of classroom work.

#### For more information, please visit their website at www.BoettcherTeachers.org.

# 2010 Overview

### **FINANCIALS**









# BOETTCHER®

600 Seventeenth Street Suite 2210 South Denver, Colorado 80202

303.534.1937 www.BoettcherFoundation.org