

**Curriculum Vitae - Claire E. Max**  
University of California, Santa Cruz

**ACADEMIC HISTORY**

- 1972      Ph.D. Princeton University (Astrophysical Sciences)  
1968      A.B. Radcliffe College, Harvard University (Astronomy)

**POSITIONS HELD**

- 2014 –      Interim Director, University of California Observatories  
2007–2014    Director, UC Center for Adaptive Optics  
2004–2010    Director, NSF Center for Adaptive Optics  
2001 –      Astronomer/Professor, University of California Observatories/Lick Observatory,  
University of California at Santa Cruz  
1995–2000    Director of University Relations, Lawrence Livermore National Laboratory  
1993–1995    Director of Institutes, Physical Sciences Directorate, Lawrence Livermore National  
Laboratory  
1984–1993    Founding Director of Livermore Branch, Institute of Geophysics and Planetary  
Physics, University of California  
1974–2004    Physicist, Lawrence Livermore National Laboratory  
1972–1974    Post-doctoral fellow, UC Berkeley, Physics Department

**HONORS AND AWARDS**

- 2015      Joseph Weber Award for Astronomical Instrumentation, American Astronomical  
Society  
2009      James Madison Medal, Princeton University  
2008      National Academy of Sciences  
2006      Science Award, Chabot Space and Science Center, Oakland CA  
2005      Hartnell College, Salinas, CA: “President’s Partnership of Excellence” Award  
2004      E. O. Lawrence Award, US Department of Energy  
2003      Woman of the Year in Science, Alameda County (CA) Women’s Hall of Fame  
2002      American Academy of Arts and Sciences  
2001–2002    Edward Teller Fellowship, Lawrence Livermore National Laboratory  
1972      Sigma Xi (National Physics Honors Society) Princeton University  
1968      Magna Cum Laude, Harvard University  
1967      Phi Beta Kappa, Harvard University

**CONCURRENT POSITIONS AND BOARDS**

- 2013      Osservatorio Astrofisico di Arcetri, Florence, IT, Sabbatical Leave  
2006      UCLA, Div’n of Astronomy and Astrophysics, Sabbatical Leave  
1999–2000    Henry Draper Laboratory Corporation  
1999–2001    Board, Chabot Observatory and Science Center, Oakland CA  
1990      UC Berkeley, Astronomy Department, Sabbatical Leave

- 1989 Centre d'Etudes Nucléaires, Saclay, France, Sabbatical leave  
 1983 – Jason Group, Mitre Corporation, McLean, VA  
 1982 Research Physicist, Institute of Theoretical Physics, UC Santa Barbara (three-month appointment)  
 1980 Ecôle Polytechnique, Paris, France, Sabbatical leave  
 1978–1982 Consultant: Women in Science  
 1974 Research Astrophysicist, Institute of Astronomy, Cambridge, England (five-month appointment)

### GRADUATE STUDENTS SUPERVISED FOR THESES

Srikar Srinath (UCSC Astro, in progress), A. Rudy (UCSC Astro, in progress), R. McGurk (UCSC Astro, in progress), A. Norton (UCSC Electrical Engineering, shared supervision). R. Rampy (UCSC Physics), A. Medling (UCSC Astro), K. Morzinski (UCSC Astro), M. Ammons (UCSC Astro), L. Raschke (UCSC Astro), J. Melbourne (UCSC Astro), H. Roe (UC Berkeley Astro, shared supervision), W. Bradford (UCSC Astro, shared supervision), Y. Gallant (UC Berkeley Astro, shared supervision), A. Zachary (UC Berkeley Astro, shared supervision)

### POST-DOCTORAL FELLOWS SUPERVISED

E. McGrath (UCSC), G. Canalizo (LLNL), S. Gibbard (LLNL), B. Macintosh (LLNL), S. Olivier (LLNL), M. Hoshino (LLNL-UC Berkeley, shared), G. Francis (LLNL), G. Fisher (LLNL)

### PROFESSIONAL ASSOCIATIONS

- 2007 – Optical Society of America  
 2001–2002 Council, American Association for the Advancement of Science  
 1994 – SPIE - Society of Photo-Optical Instrumentation Engineers (Fellow since 2008)  
 1988 – American Geophysical Union  
 1981–1982 American Physical Society, Division of Plasma Physics Executive Committee  
 1980 – American Association for the Advancement of Science (Fellow since 1995)  
 1977 American Physical Society, Division of Plasma Physics Executive Committee  
 1975–1976 American Astronomical Society, Executive Committee, Division of High Energy Astrophysics  
 1974 – International Astronomical Union  
 1972 – American Physical Society (Fellow since 1982)  
 1972 – American Astronomical Society

### SERVICE

- 2014– Board, California Association for Research in Astronomy  
 2014– W.M. Keck Observatory Science Steering Committee  
 2013–14 Advisory Committee, Keck Foundation Project on PSF Reconstruction, UCLA  
 2013– Management Advisory Committee, National Ignition Facility, US DOE  
 2010– Visiting Committee, Commissariat à l'énergie atomique et aux énergies alternatives, France

- 2009–10 Advisory Committee, Keck Foundation Project on Galaxy Evolution, Harvard CfA
- 2008–10 National Academy of Sciences, Astro2010, the Decadal Survey of Astronomy and Astrophysics
- 2004 National Academy of Sciences Panel to Review Research on the Air Force AEOS Telescope
- 2004 Invited Contributor, National Academy of Sciences Committee on the Assessment of Options for Extending the Life of the Hubble Space Telescope, Washington DC
- 2003–2004 Thirty Meter Telescope project, Adaptive Optics Working Group
- 2003–2005 California Space Institute Advisory Committee, University of California
- 2002–2006 Science Working Group, Giant Segmented Mirror Telescope
- 1998–2000 *Hubble Space Telescope* Second Decade Study
- 1998–1999 UC Merced Engineering Advisory Committee
- 1996–1998 Space Telescope Science Institute Visiting Committee
- 1994– W.M. Keck Observatory Adaptive Optics Science Team and Advisory Group
- 1992–1996 W.M. Keck Observatory Science Steering Committee
- 1992–2000 Center for Particle Astrophysics, UC Berkeley: Program Advisory Committee
- 1991–1994 National Research Council—National Academy of Sciences  
Commission on Physical Sciences, Mathematics, and Applications
- 1989–1991 National Research Council—National Academy of Sciences  
Astronomy and Astrophysics Decadal Survey, Panel on Policy Opportunities
- 1989–1991 National Research Council—National Academy of Sciences  
Astronomy and Astrophysics Decadal Survey, Panel on Computing
- 1987–1994 Women in International Security Studies, National Advisory Panel
- 1986–1989 National Research Council—National Academy of Sciences  
Committee on International Security and Arms Control
- 1986 National Research Council—National Academy of Sciences  
Committee on Fusion Hybrid Reactors
- 1983 – JASON group, Mitre Corporation
- 1979–1982 National Science Foundation, Physics Advisory Panel