

Curriculum Vitae - Claire E. Max
University of California, Santa Cruz
May 2011

ACADEMIC HISTORY

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

POSITIONS HELD

- 2007– Director, UC Center for Adaptive Optics
2004– Director, NSF Center for Adaptive Optics, UC Santa Cruz
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

- 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 (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

- 2006 UCLA, Div’n of Astronomy and Astrophysics, Sabbatical Leave, Fall ‘06
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

R. Rampy (UCSC, in progress), A. Medling (UCSC, in progress), K. Morzinski (UCSC, in progress), M. Ammons (UCSC), L. Raschke (UCSC), J. Melbourne (UCSC), W. Bradford (UCSC), A. Zachary (UC Berkeley, shared)

POST-DOCTORAL FELLOWS SUPERVISED

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

UNIVERSITY SERVICE

- 2007– Director, UC Center for Adaptive Optics
 2004– Director, NSF Center for Adaptive Optics, UC Santa Cruz
 2004 Deputy Director, NSF Center for Adaptive Optics, UC Santa Cruz
 2003–2004 California Space Institute Advisory Committee, University of California
 2000–2005 Associate Director, NSF Center for Adaptive Optics, UC Santa Cruz
 1995–2000 Director of University Relations, Lawrence Livermore National Laboratory, University of California
 1993–1995 Director of Institutes, Physical Sciences Directorate, Lawrence Livermore National Laboratory, University of California
 1984–1993 Founding Director of Livermore Branch, Institute of Geophysics and Planetary Physics, University of California
 1992– University of California Observatories Advisory Committee

PROFESSIONAL ASSOCIATIONS

- 2007– Optical Society of America
 2001-2002 Council, American Association for the Advancement of Science
 1999–2000 Henry Draper Laboratory Corporation
 1999–2001 Board, Chabot Observatory and Science Center, Oakland
 1994– 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 TO CIVIC, STATE, OR NATIONAL GOVERNMENTAL AGENCIES

- 2009– External Advisor, Keck Foundation Project on Galaxy Evolution, CfA
- 2008–2010 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 presentation, National Academy of Sciences Committee on the Assessment of Options for Extending the Life of the Hubble Space Telescope, Washington DC
- 2002–2006 Science Working Group, Giant Segmented Mirror Telescope
- 1998–2000 *Hubble Space Telescope* Second Decade Study
- 1996–1998 Space Telescope Science Institute Visiting Committee
- 1991–1994 National Research Council—National Academy of Science
Commission on Physical Sciences, Mathematics, and Applications
- 1989–1991 National Research Council—National Academy of Science
Astronomy and Astrophysics Survey, Panel on Policy Opportunities
- 1989–1991 National Research Council—National Academy of Science
Astronomy and Astrophysics Survey, Panel on Computing
- 1987–1994 Women in International Security Studies, National Advisory Panel
- 1986–1989 National Research Council—National Academy of Science
Committee on International Security and Arms Control
- 1986 National Research Council—National Academy of Science
Committee on Fusion Hybrid Reactors
- 1983– JASON group, Mitre Corporation
- 1979–1982 National Science Foundation, Physics Advisory Panel