Dr Michael Bolte

375 Interdisciplinary Sciences Building
University of California Observatories
University of California, Santa Cruz
Santa Cruz, CA 95064
(831) 459-2991
bolte@ucolick.org

Education

Ph. D., Astronomy, University of Washington, December, 1987.

M. S., Physics, Florida State University, Tallahassee, 1979.

B. S., Physics, University of Central Florida, Orlando, 1977.

Positions

Director, University of California Observatories, 2006 –

Interim Director, UCO/Lick Observatory 2005 – 2006

Professor/Astronomer, UCO/Lick Observatory and the Department of Astronomy and Astrophysics, University of California at Santa Cruz, 1999 – present.

Associate Astronomer/Associate Professor, UCO/Lick Observatory and the Department of Astronomy and Astrophysics, University of California, Santa Cruz, 1997 – 1999.

Assistant Astronomer/Assistant Professor, UCO/Lick Observatory and the Department of Astronomy and Astrophysics, University of California, Santa Cruz, 1993 – 1996.

Hubble Postdoctoral Fellow, UCO/Lick Observatory, University of California at Santa Cruz, 1990-1993.

Postdoctoral Research Associate, Dominion Astrophysical Observatory, 1987-1990

Graduate Research Assistant, University of Washington, 1982-1986

Instructor, Physics Department, University of Wyoming, 1981-1982

Instructor, Physics Department, University of Central Florida, 1979-1981

Professional Activities

Member, CARA Board of Directors, 2005 –

Member, Thirty-Meter Telescope Board of Directors, 2005 –

Member, CELT Board of Directors, 2005 – 2006

Member, Search Committee for the Kitt Peak Observatory Director 2006

Member, Search Committee for the Keck Observatory Director 2006

Chair, Science Advisor Committee for the Thirty Meter Telescope, 2004 – 2005

Co-Chair, Science Advisor Committee for the Thirty Meter Telescope, 2003 – 2004, 2005-2006

Member, Advanced Technology and Instrumentation NSF panel 2004

Chair, UC Keck Time Allocation Committee, 2004 –

Member, NSF Giant Segmented Mirror Telescope Science Working Group 2003 –

Co-Chair, Steering Committee for CELT 30m telescope, 2000 – 2003

Co-Chair, Science Steering Committee, W.M. Keck Observatory, 1999 – 2004

Member, NSF Astronomy Program Review Committee 2002

Chair, Galactic TAC, KPNO, Fall 2000

Member, STScI Hubble Fellow panel, 2000

NASA/NSF SIM Panel 1999

Co-PI, Keck Echellete Spectrograph and Imager, 1997-1999

Associate Chair, Department of Astronomy and Astrophysics, UCSC, 1998 – 2000

Shane 3m Telescope Scientist, 1998 – 1999

Chair, Keck Low-Resolution Imaging Spectrograph Users' Committee 1997 – 1999

Member, IRAF Users' Group, 1997 –

Member, Kitt Peak Time Allocation Committee 1994 – 1997

P.I., Lick 3m Prime Focus Camera, 1996 – 1998

Member, Space Telescope Advisory Committee 1996

Member, National Science Foundation Panel, Galactic Structure, 1995

Member, Scientific Organizing Committee Aspen Center for Physics Winter Conference on the Extragalactic Distance Scale, 1992.

Member, Cerro Tololo Users' Committee 1990 – 1992

Grants as PI

2005–2008, NSF “Abundance Patterns in Extremely Metal-poor Stars: SNII, Pop III and the early Galaxy”, $152,403

2005–2008, NSF “Stellar Physics from Complete Star Samples in Globular Clusters", $51,790

2005–2007, CARA “LRIS-R Detector Upgrade”, $1.3M

2006, NSF supplement to “Abundances for Extremely Metal-poor Stars", $31,250

2003–2006, NSF “White Dwarfs in Open Clusters", $274,000

2001–2004, NSF “Fundamental Stellar Physics from Large-Sample Globular Cluster Photometry" (with Eric Sandquist, San Diego State University)

2001–2004, NSF “Abundances for Extremely Metal-poor Stars" $198,00

1999–2002, NSF “The Galaxy Luminosity Function at z=0" $293,500

1999 STScI “The Completion of the Age Profile of the Outer Halo", $14,868

1999 STScI “The White Dwarf Luminosity Function in NGC 188", $36,565

1998–1999 CalSpace “The Galaxy Luminosity Function at z=0", $28,927

1995–1997, STScI “Blue Straggler Stars, Stellar Collisions and the Fate of Globular Clusters", $31,597

1995–1996, CalSpace “A Critical Test of Pop II Stellar Evolution Models", $12,285

1995–1999, NSF “Globular Clusters, Stellar Collisions, Dark Matter Halos and the Age of the Universe Problem", $148,000

1994–1996, STScI, “Ages for the Oldest Star Clusters in the LMC", $43,923

1994–1996, STScI, “The Formation of the Galaxy: Ages for Globular Clusters in the Remote Halo", $21,084

1994–1996 STScI, Low Luminosity Stars in Globular Clusters", $26,309

1994–1995 CalSpace, “The Age of the Universe Problem", $23,002

1990–1993 STScI, The Formation of the Galaxy Utilizing Investigations of Globula Clusters", $165,498