

Michael Daub

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EXPERIENCE

- **Assistant Professor**
Erie Community College, Orchard Park, NY
August 2011 – Present
 - I teach mathematics.
- **Tutor**
Tutor.com, New York, NY
August 2010 – Present
 - I teach physics and mathematics online.
- **Instructor**
Erie Business Center, Erie, PA
February 2011 – April 2011
 - I taught mathematics.
- **Adjunct Instructor**
ITT Technical Institute, Concord, CA
September 2009 – November 2009
 - I taught mathematics.
- **Teacher**
De La Salle High School, Concord, CA
January 2008 – June 2008
 - I taught physics and mathematics.
- **Adjunct Professor**
Diablo Valley College, Pleasant Hill, CA
August 2007 – December 2007
 - I taught introductory physics.
- **Graduate Student Researcher**
U.C. Berkeley, Berkeley, CA
May 1999 – July 2007
 - I designed the control and readout electronics for a microwave telescope receiver.
 - I deployed to Amundsen-Scott South Pole Station for telescope & receiver setup, testing, and maintenance.
 - I analyzed telescope data.
- **Graduate Student Instructor**
U.C. Berkeley, Berkeley, CA
August 1998 – May 1999
 - I taught electronics laboratory and introductory electromagnetism.
- **Scientist**
Naval Surface Warfare Center, Dahlgren, VA
January 1998 – July 1998
 - I developed physics-based software to support the U.S. Submarine Launched Ballistic Missile program.

EDUCATION

- **Master of Arts in Physics**
University of California, Berkeley
May 2004 Berkeley, CA
- **Bachelor of Science in Mathematics**
Pennsylvania State University
December 1997 University Park, PA
- **Bachelor of Science in Physics**
Pennsylvania State University
December 1997 University Park, PA

HONORS

- Antarctica Service Medal
March 2002
- Student Service Award
Physics Department, U.C. Berkeley
May 2004

PUBLICATIONS

- *High resolution CMB power spectrum from the complete ACBAR data set*
Astrophys. J. 694 (2009) 1200-1219
- *Improved Measurements of the CMB Power Spectrum with ACBAR*
Astrophys. J. 664 (2007) 687-701
- *High Resolution Observations of the CMB Power Spectrum with ACBAR*
Astrophys. J. 600 (2004) 32-51
- *Estimates of Cosmological Parameters Using the CMB Angular Power Spectrum of ACBAR*
Astrophys. J. 599 (2003) 773-785
- *ACBAR: The Arcminute Cosmology Bolometer Array Receiver*
Astrophys. J. Suppl. 149 (2003) 265-287

AFFILIATIONS

- National Council of Teachers of Mathematics

SKILLS

- Fortran
- C
- IDL
- Mathematica
- Linux