

CURRICULUM VITAE – MICHAEL C. COOPER

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Education

Ph.D., Astrophysics, University of California Berkeley	May, 2007
M.A., Astrophysics, University of California Berkeley	December, 2004
B.A., Physics, Grinnell College <i>with honors, Phi Beta Kappa</i>	May, 2001

Professional Appointments

Vice Chair of Department of Physics & Astronomy, University of California Irvine	2017 – present
Associate Professor, University of California Irvine	2016 – present
Assistant Professor, University of California Irvine	2012 – 2016
Hubble Postdoctoral Fellow, University of California Irvine	2010 – 2012
Center for Galaxy Evolution (CGE) Postdoctoral Fellow, University of California Irvine	2010 – 2012
Spitzer Postdoctoral Fellow, Steward Observatory, University of Arizona	2007 – 2010

Research Interests plus Funding and Publication Record

Cosmology and Galaxy Evolution at Low and High Redshift, Large-Scale Structure and Galaxy Environments, Large Multiwavelength Surveys, Tools for Automated Data Reduction and Analysis
More than \$1M in grant funding (as PI) from the NSF and NASA
More than 150 total publications, with > 15,500 total citations and an *h*-index of 64

Observing and Software Experience

More than 350 nights of observing experience across a broad range of ground- and space-based facilities
Lead Developer of Data Reduction Pipeline for Keck/DEIMOS
Lead Developer of Keck/DEIMOS “quicklook” real-time data processing tools
Lead Developer of analysis tools designed for both automated and interactive determination of redshifts
Lead Developer for public data releases associated with the DEEP2, DEEP3, and ACES programs

Selected Professional Experience

Co-Chair of LSST Galaxies Science Collaboration (July 2014 – present)
Member of NOAO, Gemini, *Spitzer*, *HST*, and UCO Time Allocation Committees
Co-I, Mentor, and Member of Steering Committee for the Cal-Bridge Program (June 2014 – present)
Course Designer and Instructor for COSMOS program (2012 - present)
Member of UC Observatories Advisory Committee (2016 - present)
Member of DEEP2, DEEP3, PHIBSS, CANDELS, SERVS, SpARCS, and DEEPDRILL teams (among others)

Graduate Students Supervised

John Phillips (UC Irvine, 2012 – 2016)
Tim Carleton (UC Irvine, 2013 – present)
Sean Fillingham (UC Irvine, 2014 – present)
Maria K. Rodriguez Wimberly (UC Irvine, 2016 – present)

Postdocs Supervised

Sarah Miller (UC Irvine, 2013 – 2014)
Anna Nierenberg (UC Irvine, 2017 – present)