

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

Professor, University of California Irvine	2019 – present
Vice Chair of Department of Physics & Astronomy, University of California Irvine	2017 – 2021
Associate Professor, University of California Irvine	2016 – 2019
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 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 250 publications, with > 30,000 total citations and an *h*-index of > 85
Link to full publication list: via Google Scholar

Observing and Software Experience

More than 400 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 (2014 – 2018)
Co-I, Mentor, and Member of Steering Committee for the Cal-Bridge Program (June 2014 – present)
Member of NOAO, Gemini, *Spitzer*, *HST*, *JWST*, and UCO Time Allocation Committees
Course Designer and Instructor for COSMOS program (2012 - 2018)
Member of UC Observatories Advisory Committee (2016 - 2022)
Member of DEEP2, DEEP3, PHIBSS, CANDELS, CEERS, WERLS, and GOGREEN teams (among others)