

Erik J. Tollerud

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EDUCATION	University of California, Irvine Irvine, CA USA Ph.D., Physics and Astronomy, June 2012 Advisor: James Bullock Dissertation: "Local Group Dwarf Galaxies in the LCDM Cosmology: Theory Meets Observations" University of California, Irvine Irvine, CA USA M.S., Physics and Astronomy, June 2008 University of Puget Sound , Tacoma, WA USA B.S., Physics, May 2006
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HONORS AND AWARDS	Hubble Fellow , 8/2012-present Rodger Doxsey Travel Prize Honorable Mention , 219th AAS, 1/2012 Fletcher Jones Fellow , 9/2011 UC Irvine Graduate Dean's Dissertation Fellow , 6/2011 UC Irvine School of Physical Sciences Faculty Endowed Fel- low , 5/2011 Chambliss Astronomy Achievement Student Award , 217th AAS, 1/2011 Optical Society of America Art in Science Award ² , 11/2010 Publication Featured in Nature Research Highlights ¹ , 9/2008 GAANN Fellow , 6/2008-6/2011 Coolidge Otis Chapman Honors Scholar , 6/2006 Nominated member of Sigma Xi , 5/2006 Thomas Malcolm & Hilda Enden Jack Physics Scholar , 6/2005
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RESEARCH	Hubble Fellow , 2009-present Yale University, Irvine, CA USA Marla Geha Graduate Student Researcher , 2009-2011
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¹<http://www.nature.com/nature/journal/v456/n7220/full/456284f>.

²visualization later featured in news media incl. MSNBC, AFP, Science Daily,
nature.com

University of California, Irvine, CA USA
Elizabeth Barton, James Bullock
Research regarding Milky Way/Large Magellanic Cloud analogs
in the Sloan Digital Sky Survey and near-field cosmology.

Graduate Student Researcher, 2007-present

University of California, Irvine, CA USA
James Bullock
Research on selection biases in the Sloan Digital Sky Survey
for Milky Way Satellites, scaling relations of non-starforming
stellar systems, and dynamical studies of Milky Way and M31
dSphs.

Graduate Student Researcher, 2007-2010

University of California, Irvine, Irvine, CA USA
Elizabeth Barton
Research on metallicities and evolution of Luminous Com-
pact Blue Galaxies in the WIYN High Image Quality Indiana-
Irvine Survey.

Undergraduate Honors Thesis, 2005-2006

University of Puget Sound, Tacoma, CA USA
James Bernhard
Stereoscopic visualization of complex three-dimensional phys-
ical systems and scientific concepts.

NASA Space Grant Intern, Summer 2005

Jet Propulsion Laboratory, Pasadena, CA USA
Michael Hecht
Designed data analysis software and performed instrument
calibrations for MECA Instrument of Phoenix Mars Lander.

microEP REU, Summer 2004

University of Arkansas, Fayetteville, AK USA
John Shultz
Studied effects of anodic oxidation on quantum dot growth
in molecular beam epitaxy.

TEACHING AND
OUTREACH

COSMOS Teaching Assistant, 2007-2011

Managed project groups and gave lectures to science-oriented
summer camp for California high school students.

Public Lectures, UC Irvine Observatory, 2008-2011

UC Irvine Observatory Outreach Coordinator, 2006-2008

Planned and executed nearly 100 outreach visits for K-12 schools.

Teaching Assistant, UC Irvine, Intro to Astronomy, 2008

Teaching Assistant, UC Irvine, Physics of Music, 2007

Teaching Assistant, UC Irvine, Intro to Astronomy, 2007

Teaching Assistant, UC Irvine, Astronomy Lab, 2007

Lab Assistant, Univ. of Puget Sound, University Physics, 2006

Lab Assistant, Univ. of Puget Sound, Waves & Optics, 2005

Lab Assistant, Univ. of Puget Sound, College Physics, 2005

SERVICE AND COMMITTEES

Astropy Coordinating Committee, 2011-present

Planning board member for project to consolidate python programming language utilities for astronomy.

Yale Galaxy Lunch Organizer, 2013-present

Organize weekly lunch talk/journal club section for faculty, postdocs, and grad students with extragalactic interests.

Founder, Yale Organized Discussion of Astronomy, 2012-present

Created weekly meeting for faculty, postdocs, and grad students to discuss recent results across Yale's subfields.

Yale Astronomy Colloquium Organizer, 2012-2013

Organize colloquium speaker's schedule, introduce seminar speakers before their talks.

Associated Graduate Students of UCI Chief of Staff, 2011

Representative on administrative committees, liaison to President.

UCI Graduate Council Representative, 2010-present

Representative to UC Irvine Academic Senate committee on graduate student curriculum development.

Organizer for UC Irvine "READ" journal club, 2009-present

Organized bi-weekly discussions of recent papers on ArXiv/astro-ph between graduate students, postdoctoral researchers, and faculty.

Co-Organizer, Astronomy Graduate Seminar, 2009-2010

Organized weekly talks by graduate students and postdocs.

Founding Chair, UCI Physics Graduate Caucus, 2007-2010

Created graduate student organization to provide peer advising and graduate student voice in departmental affairs.