

Curriculum Vitae

James D. Lowenthal

Department of Astronomy
Smith College
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Northampton, MA 01060
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EDUCATION

University of Arizona, Tucson, AZ
PhD in Astronomy: "Line Emission from Galaxies at High Redshift" 1991
Advisor: Prof. Craig Hogan

Yale College, New Haven, CT
BS in Astronomy & Physics 1986

AWARDS AND HONORS

Vice President, American Astronomical Society, 2016-2019
Lilly Teaching Fellowship, UMass Amherst, 1999 - 2000
Hubble Postdoctoral Fellowship, UCO/Lick Observatory, 1993 - 1996
NASA Graduate Student Research Program Fellowship, UofAz, 1988-1991

EMPLOYMENT

2012 - Present: **Professor**, Department of Astronomy, Smith College
2005 - 2012: **Associate Professor**, Department of Astronomy, Smith College
2002 - 2005: **Assistant Professor**, Department of Astronomy, Smith College
1997 - 2002: **Assistant Professor**, Department of Astronomy, UMass Amherst
1996 - 1997: **Postdoctoral Researcher**, UCO/Lick Observatory
1993 - 1996: **Hubble Fellow**, UCO/Lick Observatory
1991 - 1993: **Postdoctoral Researcher**, Space Telescope Science Institute and
Department of Physics and Astronomy, Johns Hopkins University

PRIMARY RESEARCH INTERESTS

High-redshift galaxies	Galaxy formation and evolution
QSO absorption line systems	Starburst galaxies
Lyman break galaxies	Submillimeter and radio galaxies

GRANTS AWARDED 1997-2016

NSF, Improving Undergraduate STEM Education (CoI)
NASA Hubble Space Telescope, Cycles 6, 7, 8, 9, 23 (PI), Cycles 9, 11 (Co-I)
NASA Spitzer Space Telescope, Cycle 3 (PI)
NSF, Extragalactic and Cosmology (PI)
NSF, UC-MEXUS-CONACYT (CoI)

PUBLICATIONS

47 refereed publications as of March 2015

Total of 3177 citations

1 book

1 conference proceeding edited

NATIONAL SERVICE 2000-2016

2016 - 2019: Vice President, American Astronomical Society

2015 - : AAS Committee on Light Pollution, Radio Interference, and Space Debris

2016: Hubble Space Telescope Cycle 24 Review Panel

2013 - 2014: Panelist and Chair, NASA/Keck Time Allocation Committee

2012: Hubble Space Telescope Cycle 20 Review Panel

2012 - 2016: AAS Committee on Astronomy and Public Policy (CAPP)

2014 - 2015: CAPP/AAAC task force on NSF/NASA/DOE grant success rates

2012 - 2015: NASA Cosmic Origins Program Advisory Group ExComm (COPAG)

2009 - 2012: American Astronomical Society Council

2011: Hubble Space Telescope Cycle 19 Review Panel

2010 - 2015 : Member and Chair, AAS Committee on Sustainability

2009: "Future of NOAO" Advisory Panel, 2010 NRC Decadal Survey White Paper

2006 - 2009 : Chair, National Optical Astronomy Observatory Users Committee

2006: NASA/Spitzer Space Telescope Review Panel

2004: NASA/Spitzer Space Telescope Review Panel

2004: National Science Foundation Review Panel

2002: NASA/SIRTF Fellow Review Panel

1999 - 2001: National Optical Astronomy Observatory Time Allocation Committee

SMITH COLLEGE AND FCAD SERVICE

Chair, Faculty Council

Amherst + UMass Amherst fac. search cte's.

Chair, Committee on Sustainability

Committee on Academic Priorities

Chair, Astronomy Department

Campus Planning Committee

LMT Science Committee

Committee on Mission and Priorities

FCAD Senate

Advisory Council on Resource Allocation (ACRA)

Science Planning Committee

Five College Fellows Committee

PHD THESES SUPERVISED: Yuxi Chen (PhD 2012), Nicolas Bouché (PhD 2003)

COMMITTEE MEMBER for: Joe Burchett, Daisuke Iono (PhD 2004), Jessica Rosenberg (2000)

UNDERGRADUATE SPECIAL STUDIES, AEMES, STRIDE, and SURF STU-

DENTS SUPERVISED: Rachel O'Connor '18, Jocelin Ramirez '18, Eleanor Adachi '17, Beth Capiro '16, Emily Kaplan '16, Tia Alliy '15, Isabel Lipartito '15, Eva Lubeck-Shricker '15, Joselyn Quintanilla '15, Katie Lipow '15, Roseanne Hui '15, Audra Macie '14, Kimberly Finn, MHC '14, Rouwenna Lamm '08, Cara Dodge '07, Marisa Robinson '08, Bryan Lyons (Amherst) '05, Nick Durham (HC)

