

EMILY M. LEVESQUE

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EMPLOYMENT & EDUCATION

- 2015-PRESENT** Assistant Professor, Astronomy Department (University of Washington)
- 2013-2015** Hubble Postdoctoral Fellow (University of Colorado)
- 2010-2013** Einstein Postdoctoral Fellow (University of Colorado)
- 2008-2010** PhD, Astronomy (University of Hawaii)
- 2006-2008** MS, Astronomy (University of Hawaii)
- 2006** SB, Physics (MIT)

SELECTED PRIZES AND AWARDS

- 2019** Gold Medal of Honorary Patronage, Trinity College University Philosophical Society
- 2017-2018** Alfred P. Sloan Research Fellow in Physics
- 2015-2016** Scialog Fellow, Research Corporation for Science Advancement
- 2014** Annie Jump Cannon Award, American Astronomical Society
- 2012** Robert J. Trumpler Award, Astronomical Society of the Pacific
- 2009** Achievement Rewards for College Scientists Scholar of the Year, University of Hawaii
- 2008** Smithsonian Astrophysical Observatory Predoctoral Fellowship, Harvard University
- 2008** Ford Foundations Predoctoral Fellowship
- 2006** MIT Alan H. Barrett Prize in Astrophysics
- 2006** MIT Joel Matthew Orloff Research Award for most outstanding senior thesis

SELECTED RESEARCH GRANTS AS PI

- 2017-2020** NSF Astronomy and Astrophysics Grant (\$408K)
New Frontiers in Stellar Astrophysics: Massive Stars as Cosmological Tools
- 2017-2018** Royalty Research Fund (\$36K)
The Weirdest Stars in the Universe: Multi-Messenger Studies of Thorne-Zytkow Objects
- 2017-2018** Alfred P. Sloan Fellowship (\$60K)
- 2013-2015** Hubble Space Telescope GO-13481 (31 orbits, \$77K)
Calibrating Multi-Wavelength Metallicity Diagnostics for Star-Forming Galaxies
- 2013-2015** Hubble Postdoctoral Fellowship (\$252K)
- 2010-2013** Einstein Postdoctoral Fellowship (\$305K)

SELECTED TEACHING AND ADVISING EXPERIENCE

CURRENT COURSES

- ASTR 101 - Astronomy
- ASTR 322 - The Contents Of Our Galaxy
- ASTR 531 - Stellar Interiors and Evolution

CURRENT RESEARCH GROUP

- Trevor Dorn-Wallenstein, Kathryn Neugent (graduate)
- Brooke Diczenco, Keyan Gootkin, Aislynn Wallach (undergraduate)

RECENT TELESCOPE TIME AS PI/LEAD

TELESCOPE	INSTRUMENTS	ALLOCATION	TAC	DATES
HUBBLE	<i>COS</i>	31 orbits (SNAP)	Hubble	2013-2014
KECK	<i>LRIS, NIRSPEC</i>	10 nights	Hawaii	2008-2013
GEMINI	<i>GMOS</i>	4 nights (classical)	NOAO	2011, 2016
	<i>GMOS, Flamingos2</i>	22 hours (queue)	NOAO	2016-2017
VLT	<i>Xshooter</i>	1 hour (queue)	ESO	2016
SUBARU	<i>MOIRCS</i>	4 nights	Hawaii	2008-2009
MAGELLAN	<i>IMACS</i>	6 nights	NOAO, Harvard	2008-2010
	<i>MIKE, MagE</i>	2.5 nights	Steward	2011
APO 3.5M	<i>ARCTIC, NICFPS</i>	6 half-nights	Washington	2016-2017
	<i>DIS, ARCES</i>	16 half-nights	Colorado	2011-2015

RECENT COMMITTEES AND SERVICE

MEETING ORGANIZING COMMITTEES

2020	SOC, <i>IAU Massive Stars Symposium</i> , IRE
2019	SOC, <i>STScI Spring Symposium: The Deaths and Afterlives of Stars</i> , Baltimore, MD
2016	SOC, <i>Supernovae through the ages</i> , Easter Island, CL
2016	SOC, <i>Mini-Workshop on the SLSN/GRB Connection</i> , Baltimore, MD
2015	SOC, <i>IAU GA FM 10: Stellar explosions in an ever-changing environment</i> , Honolulu, HI
2015	SOC, <i>Understanding Nebular Emission in High Redshift Galaxies</i> , Pasadena, CA
2014	SOC, <i>IAU 307: New Windows on Massive Stars</i> , Geneva, CH
2013	SOC, <i>Massive Stars: Alpha to Omega</i> , Rhodes, GR
2012	Chair , SOC, <i>The Evolution of Massive Stars and Progenitors of GRBs</i> , Aspen, CO

RECENT GRANT, FELLOWSHIP, AND TIME ALLOCATION COMMITTEES

2017-2018	STScI Financial Review Committee
2015-2016	NSF AAG Panel Member
2015	Chandra Panel Member (Cycle 17)
2015	Hubble Fellowship Selection Committee Panel Member
2012-2015	Apache Point Observatory Time Allocation Committee (University of Colorado)
2011-2015	HST Panel Member (Cycles 19, 20, 23)
2014	ESO Observing Programmes Committee Panel Member (P94, P95)
2014, 2016	NASA Earth and Space Science Fellowship reviewer
2013-2014	Fermi Panel Member (Cycles 6, 7)
2013	NASA Astrophysics Theory Program Panel Member

SELECTED PUBLIC LECTURES/INTERVIEWS

2018	Radio interview	NPR/KUOW's The Record (link)
2018	Radio interview	NPR's All Things Considered (link)
2018	Invited Speaker	Perimeter Institute Public Lecture (Waterloo, ON) (link)
2017	Keynote Speaker	Solar Eclipse 2017 (Grand Teton, WY)
2017	Radio interview	Radio Live Newshub (MediaWorks New Zealand) (link)
2017	Invited Panelist	<i>Hidden Figures</i> screening and STEM panel (New York, NY)
2016	Invited Speaker	"TIMTalk", MIT Class of 2006 10th reunion (Cambridge, MA)
2015	Public Lecture	Astronomy On Tap (Seattle, WA)
2015	Public Lecture	Denver Astronomical Society (Denver, CO)
2015	Public Lecture	STScI Public Lecture Series (Baltimore, MD) (watch)
2015	Public Lecture	Longmont Astronomical Society (Longmont, CO)
2015	Public Lecture	Northern Colorado Astronomical Society (Fort Collins, CO)
2014	Radio interview	Quirks and Quarks (Canadian Broadcasting Co.) (listen)
2014	Radio interview	How On Earth (KGNU Community Radio) (listen)

2012-14 Live Planetarium Shows Fiske Planetarium (Boulder, CO)
2012 Guest Speaker “Sky Stories”, Aspen Center for Physics (Aspen, CO)

DEPARTMENT SERVICE

2016-2019 graduate admissions committee
2016-2017 graduate curriculum committee
2015-2017 APO 3.5m spectrograph committee
2017 general exam committee, thesis reading committee (Nell Byler)
2016 general exam committee, thesis reading committee (Kristen Garofali)
2016 thesis reading committee (Ermal Rrapaj, physics)

OTHER PROFESSIONAL SERVICE

2017-2020 AAS Publications Committee
2018 HST Transient/LIGO Follow-Up working group
2018 AAS Recruitment & Admissions working group
2016-2017 AAS Governance Task Force
2014-2017 AAS Committee on Employment
2011-2015 Coordinator, “Beyond Boulder” career seminars for physics/astronomy undergraduates
2013 AAS Communicating With Washington representative
REFEREE *ApJ, ApJL, AJ, MNRAS, A&A, Advances in Space Research*

SELECTED PRESENTATIONS**INVITED COLLOQUIA/SEMINARS**

2018	University of Hawaii	2014	NASA Goddard Space Flight Center
2018	University of Texas Austin	2014	Virtual Institute of Astroparticle Phys
2018	Texas A&M University	2014	University of California Santa Cruz
2018	Perimeter Institute	2013	Lowell Observatory
2018	Seattle Art Institute	2013	University of Toronto
2017	Ohio State University	2013	Ohio State University
2017	Washington State University	2013	California Institute of Technology
2017	Eastern Washington University	2013	Massachusetts Institute of Technology
2017	NASA Goddard Space Flight Center	2013	San Francisco State University
2016	Lowell Observatory	2012	Space Telescope Science Institute
2016	Arizona State University	2012	New York University
2016	Oregon State University	2012	Harvard University
2016	NRC Herzberg	2012	Lowell Observatory
2015	NRAO Charlottesville	2012	Denver University
2015	University of California Los Angeles	2012	Arizona State University
2015	Texas A&M University Commerce	2012	University of Colorado at Boulder
2015	University of Hawaii	2012	University of Wyoming
2015	University of California Berkeley	2011	Oxford University
2015	Columbia University	2011	Geneva Observatory
2015	Princeton University	2011	University of Washington
2015	University of Washington	2010	University of Colorado at Boulder
2015	University of Chicago	2009	Space Telescope Science Institute
2014	University of Michigan	2009	St. Mary’s University
2014	Michigan State University	2008	Oxford University
2014	Southwest Research Institute	2008	Geneva Observatory
2014	Columbia University		