

Curriculum Vitae
SALLY OEY

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University of Michigan
Department of Astronomy
830 Dennison Building
Ann Arbor, MI 48109-1042
USA

RESEARCH INTERESTS

- Massive star populations:
Stellar properties, clustering, field stars, initial mass function, star formation
- Massive star radiative feedback:
H II ISM and nebulae, fate of Lyman continuum radiation, nebular emission-line diagnostics
- Massive star mechanical feedback:
Multi-SN superbubbles and superwinds, multiphase interstellar and intergalactic medium
- Massive star chemical feedback:
Galactic chemical evolution of the Milky Way and other galaxies, enrichment processes

EDUCATION

University of Arizona, Tucson, AZ: Ph.D. 1995, Astronomy 09/88 – 12/95
Bryn Mawr College, Bryn Mawr, PA: A.B. 1986, Physics and Latin 09/84 – 05/86
Haverford College, Haverford, PA 09/82 – 05/84

PRIZE FELLOWSHIPS and AWARDS

FACULTY EARLY CAREER DEVELOPMENT AWARD (CAREER),
National Science Foundation 2003 – 2008
1999 Annie Jump Cannon Award, 1999
American Astronomical Society and American Association of University Women
1998 STScI INSTITUTE FELLOWSHIP, Space Telescope Science Institute 1998 – 2001
INSTITUTE POSTDOCTORAL FELLOWSHIP, Institute of Astronomy, Cambridge 1995 – 1998
AMERICAN FELLOWSHIP, American Association of University Women 1994 – 1995
GRADUATE MINORITY FELLOWSHIP, University of Arizona 1992 – 1994
AMELIA EARHART FELLOWSHIP, Zonta International Foundation 1990 – 1991
GRADUATE COLLEGE FELLOWSHIP, University of Arizona 1988 – 1989

POSITIONS

University of Michigan, Ann Arbor, MI, USA
Associate Professor of Astronomy, College of Literature, Science, and the Arts (LSA) 09/09 – present
University of Michigan, Ann Arbor, MI, USA
Assistant Professor of Astronomy. 07/04 – present

<i>Lowell Observatory</i> , Flagstaff, AZ, USA Assistant Astronomer.	02/01 – 02/04
Associate Astronomer.	02/04 – 06/04
<i>Space Telescope Science Institute</i> , Baltimore, MD, USA 1998 STScI Institute Fellow.	10/98 – 01/01
<i>Institute of Astronomy, University of Cambridge</i> , Cambridge, UK Institute Postdoctoral Research Fellow in Observational Astronomy.	11/95 – 09/98
<i>Department of Astronomy, University of Arizona</i> Tucson, AZ, USA Graduate Research Fellow / Teaching Assistant.	08/88 – 10/95
Thesis advisor: R.C. Kennicutt, Jr.	
<i>Smithsonian Astrophysical Observatory</i> , Cambridge, MA, USA Computer Specialist.	05/86 – 06/88, 1989/summer
Research with B.J. Wilkes, M. Elvis, and H. Tananbaum. Archival maintenance for <i>Einstein X-ray</i> satellite.	
<i>Space Telescope Science Institute</i> , Baltimore, MD, USA Summer Research Assistant.	1985/summer
Research with D.R. Soderblom.	

ADJUNCT AND VISITING POSITIONS

University of Michigan Elected Senior Fellow, Michigan Society of Fellows	09/14 – 04/17 (deferred appointment)
Elsevier B.V. Editor, <i>New Astronomy Reviews</i> , an International Review Journal.	02/11 – present
University of Michigan Member, Michigan Center for Theoretical Physics.	09/07 – present
Institute of Astronomy, University of Cambridge, Cambridge, UK IoA Visiting Scientist.	04/11 – 06/11
National Optical Astronomy Observatories (NOAO), Tucson, AZ, USA Kitt Peak National Observatory, Visiting Scientist.	01/11 – 03/11
New Mexico State University, Las Cruces, NM, USA Adjunct Assistant Professor of Astronomy.	09/04 – 08/07
Australia Telescope National Facility, CSIRO, Epping, NSW, Australia ATNF Distinguished Visitor.	12/00
Institute of Astronomy, University of Cambridge, Cambridge, UK IoA Visiting Scientist.	07/00 – 08/00

COMMUNITY SERVICE

STScI Financial Review Committee, *Hubble Space Telescope* proposals, 2008 – 2010.

Committee of Visitors, NSF Division of Antarctic Sciences, external review panel, 2009.

AURA Search Committee for Director of NOAO, 2007.

Board of Directors, International Gemini Observatory (U.S. representative), 2006 – 2009.

Committee of Visitors, NSF Division of Astronomical Sciences, external review panel, 2005.

NASA Science Archives Working Group, advisory committee, 2002 – 2004.

Scientific Review panels:

NOAO Time Allocation Committee, NOAO and NOAO-access telescopes, 2011 – present.

AAS Annie Jump Cannon Award, 2009 - 2011.

Gemini Board Representative to CONICYT Chile Gemini Fund, Chile, 2007 – 2009.

NASA *Chandra X-ray Observatory* proposals, **Panel Deputy Chair**, 2006.

NASA *Hubble Space Telescope* proposals, 2005, 2001. **Panel Chair, 2010**

NASA Chandra Fellowship program, 2004.

NSF AST Astronomy and Astrophysics Research Grant program, 2003.

NASA Astrophysics Theory Program, 1999, **Panel Chair, 2002.**

Head, Scientific Organizing Committee:

“*The Outer Edges of Dwarf Irregular Galaxies*,” 2002 Lowell Workshop, 10/2002 (Co-Organizer).

“*Shells in the Global ISM*,” Topical Session at Centennial Meeting of the AAS, Chicago, 6/1999.

Scientific Organizing Committees:

“*Extreme Star Formation in Dwarf Galaxies*,”

Michigan Center for Theoretical Physics Workshop, 7/2009

“*The Globular Clusters – Dwarf Galaxies Connection*,”

Michigan Center for Theoretical Physics Workshop, 8/2007

“*Triggered Star Formation in a Turbulent ISM*,”

IAU Symposium 237, Prague, Czech Republic, 8/2006;

“*A Massive Star Odyssey: From Main Sequence to Supernova*,”

IAU Symposium 212, Costa Teguse, Lanzarote, Spain, 6/2002;

also Special Session, “*Recent Advances in Nebular Diagnostics of Hot Star Atmospheres*”

“*Gaseous Galaxy Halos and Galaxy Edges*,” Topical Session at AAS Meeting, Albuquerque, 6/2002.

“*A Decade of HST Science*,”

STScI Symposium, Baltimore, MD, USA, 4/2000.

Referee for:

The Astrophysical Journal and *Astrophysical Journal Letters*

The Astronomical Journal

Monthly Notices of the Royal Astronomical Society

Astronomy and Astrophysics

New Astronomy

Astronomische Nachrichten

Publications of the Astronomical Society of Australia

Advances in Space Research

CATTMexico-GTC, Mexican Time Allocation Committee for GTC

Comisión Nacional de Investigación Científica y Tecnológica (CONICYT), FONDECYT (Chile),

[Chilean Government Commission for Scientific and Technological Development,

National Fund for Scientific and Technological Development]

Gemini-CONICYT Fund research proposals (Chile)
 CONICYT-STFC Gemini Studentship program (Chile/UK)
 Agence Nationale de la Recherche (France), Programme Jeunes Chercheuses et Jeunes Chercheurs
 [French National Research Agency, Young Researchers Program]
 Instituto de Astrofísica de Canarias (Spain), Strategic Projects
 The Research Corporation (USA)
 International Gemini Observatory, Canadian Time Allocation Committee
 NASA South Carolina Space Grant Consortium
 Anglo-Australian Observatory (UK), Panel for Allocation of Telescope Time
 Isaac Newton Group (UK), Panel for Allocation of Telescope Time

Member, International Astronomical Union

Member, American Astronomical Society

TECHNICAL

Collaborator, *THEIA*, NASA Astrophysics Strategic Mission Concept Study 2008 – present
 \$1B optical-UV space observatory to study extrasolar planets, star formation, and cosmic baryons.

Collaborator, *Star Formation Observatory*, Astrophysics Strategic Mission Concept Study 2007 – 2008
 NASA \$650M optical-UV space observatory to study star formation at all cosmic times.

Co-Investigator, *HORUS* Origins Science Mission 2003 – 2005
 NASA \$1B optical-UV space observatory concept to study star formation at all cosmic times.

Co-Investigator, *ORION* MIDEX Mission 2003 – 2006, 2010
 NASA \$250M optical-UV space observatory concept to study star and planet formation.

Website Committee, Lowell Observatory 2001 – 2003
 Redesign, implementation, and maintenance of the Lowell Observatory website.

Scientific Advisory Committee for Cambridge Infrared Survey Instrument 1996
 Definition of science objectives for the CIRSI near-IR imager.

Research Assistant in Instrument Support, Steward Observatory 06/91 – 12/91
 Upgraded manual for 2.3-m telescope's Boller & Chivens Spectrograph.
 Assisted with development of observing software and documentation.
 Measured filter transmission curves for Multiple-Mirror Telescope.

Instrumentation project with E.T. Young, U. Arizona 01/90 – 09/90
 Designed and built testing dewar for prototype 60 – 120 μ MIPS detector for *Spitzer Space Telescope*.

POSTDOCS AND STUDENTS

Postdocs and Postbac:

Dr. Eric Pellegrini	07/09 – present
Dr. Dan Hanish	12/08 – 03/10
Dr. Carolina Kehrig	02/08 – 06/09
Dr. Thomas Bensby	10/04 – 07/07
Greg Walth	01/04 – 06/04
Dr. Nichole King	11/02 – 05/03

Students:

Andrew Graus (LSA undergraduate)	05/10 – present
Dominique Segura-Cox (LSA undergraduate)	09/09 – present
Anne Jaskot (Rackham, Astronomy)	09/09 – present
Colin Slater (Rackham Graduate School, Astronomy)	09/09 – 12/10
Jordan Zastrow (Rackham, Astronomy)	09/08 – present
Brian Mikolajczyk (LSA)	09/08 – present
Joel Lamb (Rackham, Astronomy)	09/06 – present
Tony Zenn (LSA)	05/06 – 07/08
Zuzana Srostlik (Rackham, Physics)	06/07 – 02/08
Mehwish Khaliq (LSA)	09/06 – 04/07
Todd Wilkinson (LSA)	10/05 – 04/07
Sylvana Yelda (LSA)	01/05 – 05/05, 09/05 – 07/06
Saida Caballero-Nieves (LSA)	05/05 – 08/05
Jeffrey Fogel (Rackham, Astronomy)	09/04 – 07/05

Member, Ph.D. Thesis Committee for:

Laura Waters (Rackham, Geological Sciences)	09/10 – present
Stephen Crabtree (Rackham, Geological Sciences)	04/09 – 04/10
Jiangang Hao (Rackham, Physics)	11/07 – 05/09
Jessica Werk (Rackham, Astronomy)	03/07 – 04/10
Janet Colucci (Rackham, Astronomy)	03/07 – 04/10
Scott Cameron (Rackham, Astronomy)	03/06 – 12/09
Erica Voges (New Mexico State U.)	09/04 – 07/06

Member, Graduate Qualifying Exam Committee; Aerospace, Oceanic, & Space Sciences:

Shannon Curry (Rackham, AOSS)	05/10
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NSF Research Experience for Undergraduates, Northern Arizona University:

Lowell Observatory on-site contact person	2002 - 2003
Katie Kern (U. Wisconsin)	2003/summer
Eric Furst (Bucknell U.)	2002/summer
Sarah J. Stokes (U. Wyoming)	2001/summer

Summer Student Program, Space Telescope Science Institute:

Jeffrey S. Parker (Whitman College) and Valerie J. Mikles (Johns Hopkins U.)	1999/summer
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Summer Student Course, Royal Greenwich Observatory:

Served on 1998 selection committee	
Shona A. Smedley (U. Leicester)	1997/summer

MIT Field Camp at Lowell Observatory:

Emily Levesque	2004/January
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TEACHING

Astronomy 188, “The Cosmos Through the Constellations,” University of Michigan	2010/fall
Astronomy 188, “The Cosmos Through the Constellations,” University of Michigan	2010/winter
Astronomy 188, “The Cosmos Through the Constellations,” University of Michigan	2009/fall

Created Astronomy 188, “The Cosmos Through the Constellations,” for Winter 2009 Theme Semester	2009/winter
Astronomy 533, “Structure and Content of Galaxies,” University of Michigan	2008/fall
Astronomy 120, “Frontiers of Astronomy” First-Year Seminar, University of Michigan	2008/winter
Astronomy 102 and 112, “Stars, Galaxies, and the Universe,” University of Michigan	2007/winter
Astronomy 533, “Structure and Content of Galaxies,” University of Michigan	2006/fall
Astronomy 102 and 112, “Stars, Galaxies, and the Universe,” University of Michigan	2006/winter
Astronomy 160, “Introduction to Astrophysics,” University of Michigan	2005/fall
Astronomy 160, “Introduction to Astrophysics,” University of Michigan	2004/fall
Astronomy 110A, University of Arizona Laboratory Instructor for lecture course taught by J.H. Bieging.	1992/spring

DEPARTMENT AND UNIVERSITY SERVICE

Lead for Department Long-Range Plan on Undergraduate Program; and Galactic Astronomy	2009–10
Department Graduate Recruiting Committee, 2009–10	
Lead organizer, Winter 2009 Theme Semester, <i>The Universe: Yours to Discover</i>, \$50k project co-sponsored with UM Exhibit Museum of Natural History, College of Literature, Science, and the Arts, http://www.lsa.umich.edu/universe	2007 – 2009
Department Curriculum Committee, 2006–07; 2007–08; Chair , 2009–present	
Telescope Time Allocation Committee, 2004–05; 2005–06; 2008–09	
Chair’s Advisory Committee, 2008–09	
Department faculty coordinator for public outreach, 2004–08	
Graduate Preliminary Examinations Committee, 2004–05, 2005–06; Chair , 2006–07	
Faculty Search Committees, 2004–05; 2005–06	

Faculty Senate Assembly Secretary of the University Advisory Committee, 2010–2013

Committee to advise the Vice President and Secretary of the University

Board of Advisors, Exhibit Museum of Natural History, 2010–2013

Steering Committee, UM Museum Studies Program, 2010–2013

Elected member, LSA Curriculum Committee, 2009–2012 (on sabbatical 2010)

LSA Committee on the Public Face of Research, 2005–06

Faculty Marshal, Spring Commencement 2005; 2006; 2007; platform party 2009

Speaker, panelist, or guest for UM programs:

Houghton Scholars, Spectrum Center, Women in Science and Engineering, Undergraduate Research Opportunities Program (UROP), Campus Day recruiting panels

Colloquium director, Lowell Observatory, 2001 – 2003.

Co-Organizer, Flagstaff Astrophysics Discussion group, 2001 – 2004.

Co-Organizer, JHU/STScI Wine & Cheese discussion forum visitor program, 2000.

AAS Representative, Congressional Visits Day, 2000.

Charter member, STScI Director’s Leadership Forum, an Institute-wide advisory committee to the Director, 1999 – 2000.

PUBLIC OUTREACH

- Lead organizer, Winter 2009 Theme Semester, *The Universe: Yours to Discover*** 2007 – 2009
(see above)
- Lecturer, *Frontiers of Astronomy* public lecture series, Cleveland Museum of Natural History 2008
- Organizer, UM Astronomy / Exhibit Museum of Natural History / Student Astronomical Society**
- Distinguished public lecture series, *Astronomy of the 21st Century* 2009
 - Distinguished public lecture series, *Scales of the Universe* 2007
 - Distinguished public lecture series, *The Invisible Universe: Einstein's Legacy*, 2005
- UM Astronomy Department public outreach faculty coordinator 2004 – 2009
- Navajo/Hopi Teacher Outreach Program**, Lowell Observatory. Teacher partners:
- Adrienne Keene, Hopi Day School, Kykotsmovi AZ: grade 6 2003 – 2004
 - Aria Campbell, Crystal Boarding School, Crystal NM: grade 6 2002 – 2003
 - Cynthia Rodriguez, Hopi Jr. High School, Keams Canyon AZ: grade 8 2001 – 2002
- Three-term lecturer for public course “Introduction to Astronomy,” IoA, Cambridge 1997 – 1998
- University of Arizona Astronomy Camps** 1991 – 1997
Counselor and Assistant Director.
- Public science correspondent for Steward Observatory 1993 – 1995
- Scientist Pen-Pal, Science-by-Mail Program, Boston Museum of Science 1991 – 1995
- UM Student Astronomical Society public lecturer; Lowell Observatory Star Party and Elderhostel Program lecturer; STSci Open Night lecturer; IoA Open House; BBC-TV phone line for science show; Cambridge pre-school visit; Southern AZ Regional Science Fair; numerous star parties, popular talks, etc.

INVITED COLLOQUIA

05/17/11 Geneva Observatory, University of Geneva, Switzerland
 03/24/11 National Optical Astronomy Observatories / University of Arizona, Tucson, AZ, USA
 02/01/10 Space Telescope Science Institute, Baltimore, MD, USA
 10/22/09 University of Massachusetts, Amherst, MA, USA
 07/13/09 Universidad de Chile, Santiago, Chile
 05/13/09 University of California, Los Angeles, CA, USA
 03/26/09 University of Michigan, Atmospheric, Oceanic, & Space Sciences, Ann Arbor, MI, USA
 12/18/08 Case Western Reserve University, Cleveland, OH, USA
 10/09/08 Yale University, New Haven, CT, USA
 03/06/08 University of Michigan, Ann Arbor, MI, USA
 04/26/07 University of Toledo, Toledo, OH, USA
 04/03/07 Indiana University, Bloomington, IN, USA
 10/09/06 University of Delaware, Newark, DE, USA
 04/20/06 University of Arizona / NOAO, Tucson, AZ, USA
 04/05/06 Michigan State University, East Lansing, MI, USA
 04/04/06 University of Notre Dame, Notre Dame, IN, USA
 11/22/05 University of Wisconsin, Madison, WI, USA
 08/24/05 Pulkovo Observatory, Russian Academy of Sciences, St. Petersburg, Russia
 02/05/04 University of Michigan, Ann Arbor, MI, USA
 12/03/03 University of California, Santa Barbara, CA, USA
 10/29/03 Space Telescope Science Institute, Baltimore, MD, USA
 10/23/03 University of California, Berkeley, CA, USA
 04/25/03 Bowdoin College, Brunswick, ME, USA
 04/16/03 Arizona State University, Tempe, AZ, USA
 03/28/03 National Radio Astronomy Observatory, Socorro, NM, USA
 02/07/02 Ohio State University, Columbus, OH, USA
 02/06/02 Ohio University, Athens, OH, USA
 01/24/02 Institute of Astronomy, Cambridge University, Cambridge, UK
 12/07/01 New Mexico State University, Las Cruces, NM, USA
 05/18/01 Institute for Astronomy, University of Hawaii, Honolulu, HI, USA
 04/18/01 California Institute of Technology, Pasadena, CA, USA
 04/04/01 Columbia University, New York, NY, USA
 04/02/01 American Museum of Natural History, New York, NY, USA
 02/07/01 Case Western Reserve University, Cleveland, OH, USA
 12/14/00 University of Melbourne, Melbourne, Australia
 11/29/00 Australia Telescope National Facility, Epping, Australia
 10/16/00 University of Rochester, Rochester, NY, USA
 10/12/00 University of Massachusetts, Amherst, MA, USA
 10/11/00 University of Maryland, College Park, MD, USA
 04/20/00 Lowell Observatory, Flagstaff, AZ, USA
 03/01/00 Space Telescope Science Institute, Baltimore, MD, USA
 12/10/99 University of Minnesota, Minneapolis, MN, USA

10/29/99 University of Florida, Gainesville, FL, USA
09/15/99 Pennsylvania State University, State College, PA, USA
09/08/99 Dominion Astrophysical Observatory, Herzberg Institute of Astrophysics, Victoria, Canada
09/07/99 University of British Columbia, Vancouver, Canada
08/30/99 University of Colorado, Boulder, CO, USA
03/25/99 University of Wisconsin, Madison, WI, USA
02/04/99 University of Michigan, Ann Arbor, MI, USA
12/09/98 University of Hertfordshire, Hatfield, UK
01/28/98 University of Birmingham, Birmingham, UK
10/17/97 University of St. Andrews, St. Andrews, Scotland, UK
10/16/97 Royal Observatory Edinburgh / Institute for Astronomy, Edinburgh, Scotland, UK
06/20/97 University of Sussex, Brighton, UK
05/30/97 Queen Mary and Westfield College, London, UK
04/23/97 Universitäts-Sternwarte München, München, Germany
03/05/97 Imperial College of Science, Technology, and Medicine, London, UK
05/20/96 University College London, London, UK
09/28/95 Lowell Observatory, Flagstaff, AZ, USA

BIBLIOGRAPHY

A. Invited Reviews* and Invited Talks

30. 2011 *M.S. Oey & J.B. Lamb, "Completing the Massive Star Population: Striking into the Field," in *Four Decades of Research on Massive Stars*, 11 – 15 July 2011, Saint-Michel-des-Saints, QC, Canada;
<http://craq-astro.ca/moffat/>
29. 2011 M.S. Oey, J.B. Lamb, J.K. Werk, & C.J. Clarke, "OB Stars in Stochastic Regimes," in *UP2010: Have Observations Revealed a Variable Upper End of the Initial Mass Function?*, eds. M. Treyer, T. K. Wyder, J. D. Neill, M. Seibert, & J. C. Lee, (San Francisco: ASP), 73
28. 2010 *M.S. Oey & E. Pellegrini, "The High-Mass Stellar Population and Resulting Feedback Effects," in *Stellar Populations in the Cosmological Context*, STScI May Symposium, Baltimore, MD, May 3 - 6, 2010,
<http://www.stsci.edu/institute/conference/spring2010>
27. 2008 M.S. Oey, "Early Chemical Evolution of the Galactic Thin Disk," at *The Cosmic Odyssey of the Elements*, eds. G. Stasińska & J. Vilchez, Aegina, Greece, June 23 - 27, 2008,
<http://www.luth.obspm.fr/aegina08>
26. 2009 M.S. Oey, "The Power Problem in Superbubbles," in *The Local Bubble and Beyond II*, eds. S. Snowden, R. Smith, & K. D. Kuntz, (New York: AIP), 295
25. 2008 *S.T. Megeath, L.K. Townsley, M.S. Oey, & A.R. Tieftrunk, "Low and High Mass Star Formation in the W3, W4, and W5 Regions," in *Handbook of Star Forming Regions, Volume I: The Northern Sky*, ed. B. Reipurth, (San Francisco: ASP), 264
24. 2007 *M.S. Oey, "Towards Resolving the Evolution of Multi-Supernova Superbubbles," in *Triggered Star Formation in a Turbulent ISM*, IAU Symposium 237, eds. B. G. Elmegreen & J. Palouš, (Cambridge: Cambridge University Press), 106
23. 2007 M.S. Oey, "Empirical Evidence Suggesting a Stellar Upper-Mass Limit," in *Calibrating the Top of the Stellar Mass-Luminosity Relation*, IAU General Assembly 2006, Joint Discussion 05, *Highlights of Astronomy*, 14, 206
22. 2006 *M.S. Oey & C.J. Clarke, "Massive Stars: Feedback Effects in the Local Universe," in *Massive Stars: From Pop III and GRBs to the Milky Way*, ed. M. Livio, (Cambridge: Cambridge University Press), 74
21. 2006 *M.S. Oey, "Massive Stars and Feedback: An Analytic Perspective," **Plenary Lecture at 207th Meeting of the American Astronomical Society, Washington, DC, BAAS 207, #60.01**
20. 2006 *M.S. Oey, "The Lowest Metallicities: What Do They Tell Us?" in *Stellar Evolution at Low Metallicity: Mass Loss, Explosions, Cosmology*, eds. H.J.G.L.M. Lamers, N. Langer, T. Nugis, & K. Annuk, (San Francisco: ASP), 353, 253
19. 2004 *M.S. Oey, "Superbubble Activity in Star-Forming Galaxies," in *From Observations to Self-Consistent Modelling of the ISM in Galaxies*, eds. M. A. de Avillez & D. Breitschwerdt, JENAM 2002, Ap&SS, 289, 269

18. 2003 P.W. Hodge, D.A. Hunter, & M.S. Oey, "The Outer Edges of Dwarf Irregular Galaxies: Stars and Gas," Conference Summary, PASP, 115, 273
17. 2003 M.S. Oey & C. Muñoz-Tuñón, "Discussion: Star Formation Within Galaxies," in *Star Formation Through Time*, eds. E. Pérez, R. M. González Delgado, & G. Tenorio-Tagle, (San Francisco: ASP), 61
16. 2003 *M.S. Oey, "The Local Group as an Astrophysical Laboratory for Massive Star Feedback Processes," in *The Local Group as an Astrophysical Laboratory*, eds. M. Livio & T. M. Brown, (Cambridge: Cambridge University Press), 72
15. 2002 *M.S. Oey, "Dispersal of Massive Star Products and Consequences for Galactic Chemical Evolution," in *A Massive Star Odyssey: from Main Sequence to Supernova*, IAU Symposium 212, eds. K. A. van der Hucht, A. Herrero, & C. Esteban, (San Francisco: ASP), 620
14. 2002 *M.S. Oey, "H I as a Probe of Structure in the Interstellar Medium of External Galaxies," in *Seeing Through the Dust: The Detection of H I and the Exploration of the ISM in Galaxies*, eds. R. Taylor, T. Landecker, & A. Willis, (San Francisco: ASP), 295
13. 2002 *M.S. Oey, J.C. Shields, M.A. Dopita, & R. C. Smith, "Calibrating Nebular Diagnostics of T_* and Abundance," in *Ionized Gaseous Nebulae*, Rev.Mex.A&A, Ser. de Conf., 12, 77
12. 2001 *M.S. Oey, C.J. Clarke, & P. Massey, "Mechanical Feedback: From Stellar Wind Bubbles to Starbursts," in *Dwarf Galaxies and their Environment*, eds. K. S. de Boer, R.-J. Dettmar, & U. Klein, Shaker Verlag, 181
11. 2001 M.S. Oey & J.C. Shields, "Bright-line Diagnostics for Nebular Sulfur Abundance," in *Galaxy Disks and Disk Galaxies*, eds. J.G. Funes & E.M. Corsini, (San Francisco: ASP), 357
10. 2000 M.S. Oey, "Discussion Summary: Interplay of stars, interstellar medium, and chemical enrichment," in *Stars, Gas, and Dust in Galaxies: Exploring the Links*, eds. D. Alloin, K. Olsen, & G. Galaz, (San Francisco: ASP), 293
9. 2000 M.S. Oey, "A New Look at Inhomogeneous Chemical Evolution," in *Astronomy in Ukraine: 2000 and Beyond*, ed. Ya.S. Yatskiv, *Kinematics and Physics of Celestial Bodies, Supplement Series*, N3, 101
8. 1999 *M.S. Oey, "The Influence of Massive Stars on the Interstellar Medium," in *Wolf-Rayet Phenomena in Massive Stars and Starburst Galaxies*, IAU Symp. 193, eds. K.A. van der Hucht, G. Koenigsberger, & P.R.J. Eenens, (San Francisco: ASP), 627
7. 1999 *M.A. Dopita, S. Kim, M.S. Oey, & T.M. Lozinskaya, "Massive Stars and their Interstellar Environment in the Magellanic Clouds," in *Wolf-Rayet Phenomena in Massive Stars and Starburst Galaxies*, IAU Symp. 193, eds. K.A. van der Hucht, G. Koenigsberger, & P.R.J. Eenens, (San Francisco: ASP), 441
6. 1999 *M.S. Oey, "Superbubbles in the Magellanic Clouds," in *New Views of the Magellanic Clouds*, IAU Symp. 190, eds. Y-H. Chu, N. Suntzeff, J. Hesser, & D. Bohlender, (San Francisco: ASP), 78
5. 1999 *R.C. Smith, J. Bregman, Y.-H. Chu, R. Ciardullo, G.H. Jacoby, R. Kennicutt, M.S. Oey, P.F. Winkler, & D. Zaritsky, "Mapping the Ionized Gas in the Magellanic Clouds," in *New Views of the Magellanic Clouds*, IAU Symp. 190, eds. Y-H. Chu, N. Suntzeff, J. Hesser, & D. Bohlender, (San Francisco: ASP), 28

4. 1999 M.S. Oey & C.J. Clarke, “The Size Distribution of Superbubbles in the Interstellar Medium,” in *Interstellar Turbulence*, eds. J. Franco & A. Carramiñana, (Cambridge: Cambridge Univ. Press), 112
3. 1997 Royal Astronomical Society Discussion Meeting, “Dynamics and Interactions of Hot Stellar Winds,” London, UK
2. 1996 Les Houches Summer School, “Starbursts: Triggers, Nature, and Evolution,” Les Houches, France
1. 1993 R.C. Kennicutt, Jr., M.S. Oey, D. Zaritsky, & J.P. Huchra, “Systematics of H II Region Abundances in Galaxies,” *Rev.Mex.Astron.Astrof.*, 27, 21

B. Refereed Publications

65. 2011 J. Zastrow, M. S. Oey, S. Veilleux, M. McDonald, & C. L. Martin, “NGC 5253: A Nearby Starburst Galaxy with an Ionization Cone,” ApJL, submitted
64. 2011 M. S. Oey, “On the Origin of the Salpeter Slope for the Initial Mass Function,” ApJL, submitted
63. 2011 C. T. Slater, M. S. Oey, A. Li, J.-P. Bernard, E. Churchwell, K. D. Gordon, R. Indebetouw, B. Lawton, M. Meixner, D. Paradis, & W. T. Reach, “Dust Emission from Evolved and Unevolved H II Regions in the Large Magellanic Cloud,” ApJ, in press; astro-ph/1103.2170
62. 2011 A. E. Jaskot, D. K. Strickland, M. S. Oey, Y.-H. Chu, & G. Garca-Segura, “Observational Constraints on Superbubble X-ray Energy Budgets,” ApJ, 729, 28
61. 2011 C. Kehrig, M. S. Oey, P. A. Crowther, J. Fogel, E. Pellegrini, O. Schnurr, D. Schaerer, P. Massey, & K. Roth, “Gemini GMOS Spectroscopy of He II Nebulae in M33,” A&A, 526, A128
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59. 2010 J. B. Lamb, M. S. Oey, J. K. Werk, & L. D. Ingleby, “The Sparsest Clusters with O Stars,” ApJ, 725, 1886
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FUNDING HISTORY: Sally Oey (*PI unless otherwise noted*)**CURRENT:**

Source: University of Michigan LSA Associate Professor Support Fund
 Title: The Fate of Ionizing Radiation in Star-Forming Galaxies
 Award amount: \$58,160 + 0.5 GSRA for 12 months
 Period of perf: 2011 – 2013

Source: NSF Astronomy & Astrophysics Research Grants
 Title: Completing the population of massive stars in galaxies: The field stars
 Award amount: \$461,540
 Period of perf: 2009 – 2012

Source: NSF AST-0806476, Astronomy & Astrophysics Research Grants
 Title: Radiative feedback from starburst galaxies
 Award amount: \$512,433
 Period of perf: 2008 – 2011

Source: NASA *Spitzer Space Observatory* Cycle 5
 Title: Starbursts: Emitters or Absorbers?
 Award amount: \$59,270
 Period of perf: 2008 – 2011

COMPLETED:

Source: NASA NNX08AJ42G, Astrophysics Data Analysis Program
 Title: Starbursts: Emitters or Absorbers?
 Award amount: \$98,590
 Period of perf: 2008 – 2010

Source: U. Michigan, College of Literature, Science and the Arts, Theme Semester Program
 Title: Winter 2009 Theme Semester, *The Universe: Yours to Discover*
 Award amount: \$37,930
 Period of perf: 2008 – 2009

Source: NASA HST-GO-10629.01, *Hubble Space Telescope* Cycle 14
 Title: Are field OB stars alone?
 Award amount: \$47,673
 Period of perf: 2006 – 2009

Source: NASA HST-GO-10248.11, *Hubble Space Telescope* Cycle 13
 Title: Current star formation in young, compact clusters in the Small Magellanic Cloud (PI: Nota)
 Award amount: \$5,000
 Period of perf: 2004 – 2009

Source: NSF AST-0239321, CAREER Program
 Title: Chemical enrichment: A component of massive star feedback processes
 Award amount: \$423,517
 Period of perf: 2003 - 2009

Source: NSF AST-0204853, Astronomy & Astrophysics Research Grants
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 Award amount: \$224,169
 Period of perf: 2003 - 2008

Source: Southwest Research Institute subcontract 899016LU, on NASA NAG5-9248
 Title: IMACS Analysis of Field OB Stars
 Award amount: \$33,972
 Period of perf: 2008

Source: NASA HST-GO-10438.04, *Hubble Space Telescope* Cycle 14
 Title: The late formation of satellite galaxies (PI: Putman)
 Award amount: \$7757
 Period of perf: 2005 - 2007

Source: NASA HST-GO-09036.14-A, *Hubble Space Telescope* Cycle 10
 Title: An ultraviolet spectroscopic survey of star-forming galaxies in the local universe (PI: Leitherer)
 Award amount: \$29,832
 Period of perf: 2002 - 2006

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 Award amount: \$41,710
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 Award amount: \$65,938
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STUDENT:

Source: NSF GSRP-1000084528, NSF Graduate Research Fellowship Program
 Title: HI Properties of Starburst Galaxies (PI: Jaskot)
 Award amount: \$121,500
 Period of perf: 2011 - 2014