

## C. Megan Urry

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**CURRENT RESEARCH INTERESTS:** Co-evolution of black holes and galaxies, accretion, jets, multiwavelength surveys, unification of active galactic nuclei, blazars

### EDUCATION

|                          |  |
|--------------------------|--|
| Johns Hopkins University | Ph.D., Physics, 1984, M.S., Physics, 1979                |
| Tufts University         | B.S., Physics & Mathematics, 1977 <i>summa cum laude</i> |

### POSITIONS HELD

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|--------------|--|
| 2001-present | Yale University: Israel Munson Professor of Physics & Astronomy; Director, Yale Center for Astronomy and Astrophysics  |
| 2007-2013    | Yale University: Chair, Dept. of Physics; Israel Munson Professor of Physics & Astronomy; Director, Yale Center for Astronomy and Astrophysics   |
| 1987-2001    | Space Telescope Science Institute: Astronomer and Head, Science Program Selection Office (1996-2001); Associate Astronomer with tenure (1995-1999); Assistant Astronomer and Chief, Research Support Branch (1990-1995); Institute Postdoctoral Fellow (1987-1990) |
| 1984-1987    | Massachusetts Institute of Technology, Center for Space Research, Postdoctoral Fellow (with Claude Canizares)  |
| 1977-1984    | Johns Hopkins University Graduate Student, Physics Department; NASA Graduate Research Fellow, X-ray group, Goddard Space Flight Center; Physics Instructor, University of Maryland Overseas College (1979); Teaching Assistant and Senior TA for General Physics   |
| 1977         | Scientific data aide, X-ray group, Smithsonian Astrophysical Observatory   |
| 1976         | Summer student, National Radio Astronomy Observatory   |

### PUBLICATIONS (see bibliography for details)

Over 230 publications in refereed journals (Astrophysical Journal, Astrophysical Journal Letters, Astrophysical Journal Supplement, Nature, Science, Annual Reviews of Astronomy & Astrophysics, Monthly Notices of the Royal Astronomical Society, Astronomy & Astrophysics, Publications of the Astronomical Society of Japan, Advances in Space Research, Astroparticle Physics)

38 book chapters and invited review papers

4 books edited

380 abstracts and contributed papers

Over 240 colloquia and invited review talks

Over 77 talks and papers on women in science

Articles in the popular press (Parade magazine, CNN.com, Huffington Post)

### RECENT STUDENTS AND POSTDOCTORAL FELLOWS SUPERVISED

*Current Postdocs:* Stephanie LaMassa (2011-present), Francesca Civano (2013-present)

*Former Postdocs:* Eilat Glikman, Megan Schwamb, Ben Elder, Antonio Cuesta Vazquez, Madhusudhan Nikku, Kevin Schawinski, Erin Bonning, Yasunobu Uchiyama, Eleni Chatzichristou, Kyoungsoo Lee, Riccardo Scarpa, Joe Pesce, Rita Sambruna, Elena Pian, Paola Grandi, Paolo Padovani

*Current graduate students:* Tonima Ananna, Peiyuan Mao

*Former graduate students:* Brooke Simmons, Carie Cardamone, Jeffrey van Duyne, Shanil Virani, Ezequiel Treister, Jong-Hak Woo, Zachary Harris, Matthew O'Dowd, Rita Sambruna, Elena Pian, Paola Grandi, Amanda Marlowe (Subba Rao)

*Senior theses:* (2015) Anna Han, Connor Hoge; (2012) Margaret Lazzarini; (2011) James Kim; (2009) Elissa Berwick, Taylor Giffen, Allison Kaptur, Severin Knudsen; (2008) Lara Cury, Bronika Kushkuley; (2007) Hannah Krug, Justin Presant, Alex Richardson; (2006) Tim Brandt, Zach Dennett; (2005) Brendan Cohen; (2004) Alison Duffy, Rob Hyde; (2003) Karen Peterson; (2002) Olivia Billett, Belina Mizrahi

*Summer students:* (2015) Dominic Eggerman, Nat Kerman, Sydney Young; (2014) Matthew Brady, Mark Hamilton, Connor Hoge, Mari Kawakatsu, Kate Miller, Field Rogers, Sonya Vohra; (2013) Brooke Lamell, Nailen Matschke, Robert Pecoraro, Alec Solder; (2012) Arifin, Miranda Kephart, Anna Han, Michael Albergo, Hunter Francis, Lily Hoffman, Nailen Matschke; (2011), Roger Lo, Will Vranos, Lucian Wang; (2010) Jenna Freudenberg, Henry Wilkin, Matt Caraway, Nick Ferreri, Claire Stepanek, Lucian Wang; (2008) Elissa Berwick, Michele Dufault, Severin Knudsen, Laura Kreidberg; (2006) Iara Cury, Kevin Greene, Allison Kaptur, Antonella Lisanti; (2004) Ruth Toner; (2003) Tim Brandt, Santanov Chaudhuri, Philip Levin, David Moore; (2002) Meredith Hughes; (STScI) Chiharu Tanihata, Teddy Cheung, Jessica Kim, Abby Paske, Laura Wickless; (MIT) Jennifer Sokoloski, Christopher Papineau, Marilyn Oberhardt, Michael Rohan

## **TEACHING**

Yale Science 198-199 *Perspectives on Science and Engineering (freshman seminar)*

Yale Physics 471-472 *Independent Research*

Yale Physics 205, 206, 165 *Introductory Labs*

Yale Physics 343 *Astrophysics, Gravity, and Cosmology (course creation)*

Yale Physics 180 *Advanced Introductory Physics (interactive, peer learning, with clickers, course creation)*

MIT 8.01 *Introductory Physics (Recitation section)*

University of Maryland Overseas College *Introductory Physics*

Johns Hopkins *Introductory Physics (Recitation sections, Head Teaching Assistant)*

## **AWARDS AND HONORS**

American Association for the Advancement of Science 2013

Van Biesbroeck Prize, American Astronomical Society 2012

Woman in Space Science Award, Adler Planetarium 2010

Honorary Degree of Science, Tufts University 2009

American Academy of Arts and Sciences Fellow 2008

Connecticut Academy of Science & Engineering Fellow 2007

American Women in Science Fellow 2006

American Physical Society Fellow 1999

NASA/GSFC Productivity Group Award 1996

Annie Jump Cannon Award in Astronomy 1990

N. Hobbs Knight Award for Physics, Tufts University 1976, 1977

Phi Beta Kappa 1976

## **MEMBERSHIPS**

American Association for the Advancement of Science

American Astronomical Society (HEAD Division Member)

American Physical Society, Fellow (Division of Astrophysics Member)

International Astronomical Union

American Women in Science (Fellow)

American Association of University Women

## **SCIENCE POLICY COMMITTEES**

NASA Science Advisory Committee, Member 2012-2014

US Liaison Committee for the International Union of Pure and Applied Physics, Member-at-Large, 2012-2014

Public Policy Committee of the American Physical Society, 2011-2014

Astronomy Section Head, American Association for the Advancement of Science, 2010-2012

Committee on Public Policy of the American Astronomical Society, 2006-2011

Council of the American Astronomical Society (& Appointments Committee), 2008-2011

American Association of Universities, NASA Presidential Working Group, 2007-2014

Space Telescope Science Institute Committee on Diversity (Chair 2007-2009), 2007-2010  
Astro2010 (Astronomy and Astrophysics Decadal Survey) Science Frontier Panel Chair (“Galaxies Across Cosmic Time”), 2009-2010  
Gemini Telescopes Board Member, 2008-2009  
National Academies of Science/National Research Council Committee on Astronomy and Astrophysics, Co-Chair 2004-2007  
National Academies of Science/National Research Council Board on Physics & Astronomy 2003-2007  
National Academies of Science/National Research Council Ad Hoc Committee to Assess Progress toward the Decadal Vision in Astronomy and Astrophysics, Chair 2004-2005  
National Academies of Science/National Research Council Space Studies Board 2000-2004; Executive Committee 2001, 2003  
National Virtual Observatory Science Definition Team 2001  
NASA Space Science Advisory Committee 1997-2000  
NASA Space Science Advisory Committee Task Group on Mission Operations and Data Analysis 1998  
American Astronomical Society Committee on the Status of Women in Astronomy Chair, 2000-2003; 1998-2000, 1994-1996  
American Physical Society Committee on the Status of Women in Physics (CSWP) 2000-2002  
American Physical Society Astrophysics Division Executive Committee 1995-1997 & 1999-2001  
AGILE (Italian Gamma-Ray Satellite) Science Support Team 1998  
American Astronomical Society Nominating Committee 1996-1998 & 2001-2004 (Chair 1997-1998)  
Maria Mitchell Award Advisory Committee 1997-1998  
National Academies of Science/National Research Council Task Group on Space Astronomy and Astrophysics 1996  
NASA Advisory Committees

#### **OVERSIGHT COMMITTEES AND PEER REVIEW PANELS**

External Evaluation Committee of ISAS, Japan Aerospace Exploration Agency, 2012  
Chair, CSWP Visiting Committee, Argonne National Laboratory, 2012  
Chair, Harvard Physics Visiting Committee, 2011-present  
ASTRON (Netherlands Radio Astronomy) Visiting Committee, 2011  
Harvard Astronomy Visiting Committee, 2011  
Chandra Time Allocation Committee Chair, 2010  
Massachusetts Institute of Technology APS/CSWP Site Visit Committee Chair, 2009  
Radcliffe Science Advisory Committee, 2007-2009  
HST Proposal Review Time Allocation Committee Chair, 2007  
Spitzer Time Allocation Committee Chair, 2006  
University of Michigan APS/CSWP Site Visit Committee Chair, 2005  
Chandra Fellowship Review Committees (Chair, 2005)  
University of Wisconsin APS/CSWP Site Visit Committee, 2002  
Peer Review Panels for NASA facilities (Chandra, Hubble, Spitzer, RXTE, ASCA, IUE)

#### **YALE COMMITTEES**

Women Faculty Forum Council 2001-present, Steering 2002-present, Co-Chair 2007-2008  
Yale group to review STEM Teaching, 2011-present  
Jonathan Edwards College Freshman Advisor 2002-present  
Pre-College Science Outreach Steering Committee, 2011-present  
Postdoctoral Advisory Committee, 2011-2015  
Committee to Review the Yale-Peking University Cooperative Program 2008-2009  
Committee to Recommend New Master of Jonathan Edwards College Chair, 2007-2008  
Faculty Arts & Sciences Tenure and Appointments Policy Review Committee 2005-2007

Tenure Appointments Comm., Division of Physical Sciences and Engineering 2003-2007  
Advisory Committee of the Division of Physical Sciences and Engineering 2003-2007  
University Budget Committee 2004-2006  
Yale University Advisory Council of the Yale-New Haven Teachers Institute 2003-2008  
Yale Center for Astronomy & Astrophysics Postdoctoral Fellow Search Committee 2002-present  
Department of Physics Astrophysics Search Committee Chair, 2003-2008, 2006-2007  
Department of Physics Particle Experiment Search Committee 2005-2006  
Physics Laboratory Demonstration Committee 2004-2005  
Physics Appointments Review Committees: Richard Easther (Chair, 2005), Homer Neal (2003), Jeffrey Snyder (2003)  
Marie Curie Centennial Symposium on Women in Science Organizing Committee 2002-2003  
Physics Long-Range Planning Committee 2002-2003  
Physics Committee on Undergraduate Physics 2001-2003

#### **OTHER SERVICE ACTIVITIES**

Committee on Public Policy, American Physical Society (2011-14)  
Astronomy Section Committee, American Association for the Advancement of Science (2011-2014)  
Team Lead, U.S. Delegation, 1st & 4<sup>th</sup> IUPAP Intl. Conf. on Women in Physics, Paris 2002, Cape Town 2011  
Editor of STATUS (CSWA Newsletter) 1998-2005, Contributing editor 2005-present  
Advisory Committee, Astronomical Society of the Pacific Conference Series 1999-2000; Publications Board, Astronomical Society of the Pacific 1997-1999  
Proposal Review for NSF, NASA, International Research Councils  
Manuscript Review for Nature, ApJ, ApJ Letters, AJ, A&A, MNRAS, Pub. Astr. Soc. Japan  
Member, Scientific Organizing Committees (~30 conferences 1998-present)  
Public Talks (33 times per year)