

Amy E. Foster
Department of History
University of Central Florida
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EDUCATION

Ph.D., History, Auburn University (May 2005)

Dissertation title: "Sex in Space: The Politics and Logistics of Sexually Integrating NASA's Astronaut Corps"

M.A., History of Science and Technology, University of Minnesota, January 2001

Thesis title: "Engineering Science 101: The Development of Engineering Science in Aeronautical Engineering Education at the University of Minnesota"

B.S., Aeronautical and Astronautical Engineering, Purdue University, August 1993

EMPLOYMENT

August 2011-present Associate Professor, University of Central Florida, Orlando, FL.

2005- August 2011 Assistant Professor, University of Central Florida, Orlando, FL.

RESEARCH

PUBLICATIONS

Integrating Women into the Astronaut Corps: Politics and Logistics at NASA, 1972-2004.

Baltimore: Johns Hopkins University Press, 2011.

Articles and Essays, Refereed:

"Living and Working on the Shuttle: The Challenge of Routine" in *Space Shuttle Legacy: How We Did It and What We Learned*, edited by Roger D. Launius, John Krige, and James I. Craig, pp. 283-298. Reston, VA: American Institute of Aeronautics and Astronautics, 2013.

"Futuristic Medievalisms and the U.S. Space Program in Disney's *Man in Space* Trilogy and *Unidentified Flying Oddball*" in *The Disney Middle Ages: A Fairy-Tale and Fantasy*

- Past*, edited by Tison Pugh and Susan Aronstein, pp. 153-167. New York: Palgrave Macmillan, 2012.
- “Girls and *Space Fever*” in *1950s “Rocketman” TV Series and Their Fans: Cadets, Rangers, and Junior Space Men*, edited by Cynthia J. Miller and A. Bowdoin Van Riper, pp. 67-82. New York: Palgrave Macmillan, 2012.
- “The Gendered Anniversary: The Story of America’s Women Astronauts,” *Florida Historical Quarterly*, Fall 2008, pp. 150-73.
Winner of the Arthur P. Thompson Award for best *Florida Historical Quarterly* article of the year, 2008.
- “Coping with Celebrity: Women as Astronauts and Heroes” in *Harnessing the Heavens: National Defense through Space*, Paul G. Gillespie and Grant T. Weller, eds., Military History Symposium Series of the United States Air Force Academy, Vol. 10, Imprint Publications, 2008, pp. 165-175.
- “Uninvited Heroics: The First Class of American Women Astronauts,” in *The Image of the Hero*, Society for the Interdisciplinary Study of Social Imagery, Pueblo, CO, March 2004, pp. 113-118.
- “New World Order?: 1992-2000” in *American Women and Flight since 1940* by Deborah G. Douglas, University of Kentucky Press, 2003.

Articles and Essays, Non-Refereed:

- “Kathryn Thornton” in *Encyclopedia of Alabama*, July 28, 2016.
<http://www.encyclopediaofalabama.org/article/h-3743>.
- “Concorde, France/UK” in *Iconic Designs: 50 Stories about 50 Things*, Grace Lees-Maffai, ed., Bloomsbury, 2014.
- “Manned Orbiters” in *Encyclopedia of 20th Century Technology*, Francis and Taylor Group, March 2004.

Book Reviews

- Richard Paul and Steven Moss, *We Could Not Fail: The First African Americans in the Space Program* in *Lone Star Literary Life*, Summer 2015, http://www.lonestarliterary.com/paul-and-moss_we-could-not-fail_071215.html.
- Amy Sue Bix, *Girls Coming to Tech! A History of American Engineering Education for Women*, *Isis*, Vol 106 (March 2015), pp. 207-8.
- Matthew H. Hersch, *Inventing the American Astronaut* in *American Historical Review*, Vol. 119 (February 2014), pp. 201-202.
- Dario Llinares, *The Astronaut: Cultural Mythology and Idealised Masculinity* in *Quest: History of Spaceflight Quarterly*, Vol. 19. No. 3 (2012), pp. 68-69.

Michael J. Neufeld, *Von Braun: Dreamer of Space, Engineer of War* in *Technology and Culture*, Vol. 50 No 2 (April 2009), pp. 464-466.

Mackowski, Maura Phillips, *Testing the Limits: Aviation Medicine and the Origins of Manned Space Flight* in *Isis*, Vol. 97 No 4 (December 2006), pp. 800-1.

Margaret Weitekamp, *Right Stuff, Wrong Sex: America's First Women in Space Program* in *History: Reviews of New Books*, Vol. 33 Issue 3 (Spring 2005), p. 99.

Stephanie Nolan, *Promised the Moon: The Untold Story of the First Women in the Space Race* in *History: Reviews of New Books*, Vol. 33 Issue 2 (Winter 2005), p. 57.

Zimmerman, Robert, *Leaving Earth: Space Stations, Rival Superpowers, and the Quest for Interplanetary Travel* in *History: Reviews of New Books*, Vol 32 No 3 (Spring 2004), p. 111-112.

AWARDS AND FELLOWSHIPS

Arthur P. Thompson Award for best article of the year published in the *Florida Historical Quarterly*, Florida Historical Society, 2008.

NASA/AHA Fellowship in Aerospace History, 2004-2005.

Daniel and Florence Guggenheim Fellowship, Smithsonian Institution, 2003-2004.

Women's Studies Program Travel Grant, Auburn University, 2001-2002.

Graduate Colloquium Award, Auburn University, April 2001.

Melvin Kranzberg Award, Auburn University, April 2001, March 2002, April 2004, April 2005.

Presidential Graduate Fellow, Auburn University, 1999-2000.

CONFERENCE PRESENTATIONS

Refereed, International:

"Wall-E's World: The Historical Legacy of Biosphere 2," Agricultural History Society, Winter Park, FL, June 2010.

Panelist, "Writing Lives: Biography as a Window to Interpreting Technology," Society for the History of Technology, Las Vegas, NV, Oct 2006.

"The Strange Ones: America's First Class of Women Astronauts," Society for the History of Technology, Atlanta, Oct 2003.

"Women in Engineering: 1910-1990", poster presentation, Social Science History Association, Chicago, Nov 1998.

Refereed, National:

Panelist, "Historical Research: A 'How To' Primer," American Institute of Aeronautics and Astronautics, Orlando, FL, January 2010.

“Women as Astronauts and Heroes: Coming to Terms with their Celebrity,” 21st Military History Symposium, United States Air Force Academy, CO, Nov 2006.

“The Strange Ones: America’s First Class of Women Astronauts,” Women and Gender Historians of the Midwest Conference, Chicago, June 2004.

“Uninvited Heroics: The First Class of American Women Astronauts,” Society for the Interdisciplinary Study of Social Imagery, Colorado Springs, March 2004.

Invited, National

Speaker, “How Lt. Uhura Changed the World: The History of NASA’s Women Astronauts,” Fae Rawdon Norris Endowment for the Humanities, Oklahoma State University, March 2015, <https://news.okstate.edu/articles/space-historian-dr-amy-foster-visits-osu>.

“Life Amongst the Stars: The History of “Habitability” in NASA’s Human Spaceflight Program,” Smithsonian Institution’s Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation and the National Air and Space Museum’s *Moving Beyond Earth: Innovations in Space* symposium, Washington, D.C., Nov 2011.

TEACHING

COURSES TAUGHT:

Undergraduate Courses:

AMH 2010 U.S. History, 1492-1877.
AMH 2010H Honors Section of U.S. History, 1492-1877.
AMH 2020 U.S. History, 1877-Present.
AMH 2020H Honors Section of U.S. History, 1877-Present
AMH 4375 Technology and U.S. Culture
AMH 4376 U.S. Space History
AMH 4650 History of U.S. Aviation
AMH 4680 Women in American Science
HIS 3462 History of Science
HIS 4490 History of Medicine

Graduate Courses:

AMH 5937 History of Technology

THESIS/INDEPENDENT STUDY SUPERVISION:

Director, Theses:

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| Master's Thesis | W. Erik Deupree, "Ingenuity on a Budget: Military Innovation in the Interwar Period" (completed August 2011). |
| Master's Thesis | David Burel, "The Comradeship of the Open Road: The Identify and Influence of the Tin Can Tourists of the World on Automobility, Florida, and National Tourism" (completed May 2012). |
| Master's Thesis | Anne Ladyem McDivitt, "I Play to Beat the Machine: Masculinity and the Video Game Industry in the United States" (completed August 2013). |
| Master's Thesis | David D. Morton, "'City of Superb Democracy': The Emergence of Brooklyn's Cultural Identity during Cinema's Silent Era, 1893-1928" (completed May 2014). |
| Master's Thesis | Donald Anguish, "Exploring the Environmental Movement: How Mass Media Steered American Environmentalism, 1960-1980" (completed December 2015). |

Committee Member, Theses:

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| Master's Thesis | Christopher George Teixeira, "The Crime of Coming Home: British Convicts Returning from Transportation in London, 1720-1780" (completed May 2010) |
| Master's Thesis | Bethany Dickens, "'The Best and Worst of All That God and Man Can Do': Paternalistic Perspectives on the Intellectually Disabled at Florida's Sunland Institutions" (completed May 2014) |
| Master's Thesis | Kevin Mercer, "San Francisco's Haight-Ashbury as a Countercultural Place and Space 1964-1973." (completed July 2017) |
| Master's Thesis | Ian Marsh, "For the Good That We Can Do: African Presses, Christian Rhetoric, and White Minority Rule in South Africa, 1899-1924." (completed July 2017) |

Master's Thesis	Terrell Orr, "Labor, Race and Technological Change in New South Florida's Phosphate Mines, 1900-1930"
Master's Thesis	Brett Pelham, "The Effects of Population and Wealth on the Location of Milling." (Completed August 2017)
Master's Thesis	James Poppino, "United States Nuclear Policy toward the People's Republic of China, 1950-1958"

Directed Independent Studies:

Graduate:

HIS 5907	Seyma Akkoyunlu, Bibliographical paper on Turkish foreign policy related to oil production
HIS 5909	David Burel, History of Technology, Historiographical paper on the development of automobility in the United States.
HIS 6908	William Franklin, History of Spaceflight, Historiographical paper on the Apollo moon program
HIS 6908	Jennifer Cook, History of Spaceflight, Historiographical paper on women at NASA
HIS 6908	Marcy Galbreath, History of Science, Historiographical paper on the development of evolutionary theory and Darwinism

Committee, Philosophy Honors Theses:

Jae Jerkins, "Resplendent Ares: Critical Analysis of the Modernist Discourse of Mars," Fall 2006.

Committee, Political Science Honors Theses:

Shane Kunze, "The Rise of the Asian Space Powers: Domestic and International Political Factors that Gave Rise to the Emerging Space Powers China, India, and Japan," (expected graduation Spring 2012)

GRANTS

"*Reacting to the Past* (RTTP) in an Online Classroom," Faculty Center for Teaching and Learning Summer Conference—FCTL track, University of Central Florida, Summer 2017.

“Identifying Factors of Success in Online Learning,” Faculty Center for Teaching and Learning Summer Conference—FCTL track, University of Central Florida, Summer 2014.

“Avoiding Plagiarism Using Chicago Manual of Style, 16th Edition,” Faculty Center for Teaching and Learning Summer Conference—Information Fluency track, University of Central Florida, Summer 2013.

“Group Projects in an Online Environment,” Faculty Center for Teaching and Learning Summer Conference—FCTL track, University of Central Florida, Summer 2011.

“Information Fluency in Humanities Writing,” Faculty Center for Teaching and Learning Summer Conference—Information Fluency track, University of Central Florida, Summer 2009.

INVITED PRESENTATIONS:

Guest Lecturer, “Women in Science,” American Studies class, Ariel Eisenberg, Oklahoma State University, March 2015.

Guest Lecturer, “Women in Space,” ENC 3453-Writing about Science and Technology, Paul Dombrowski, University of Central Florida, October 2013.

Speaker, “Writing Difficult History,” University of Central Florida FCTL Summer Conference, May 2013.

Content Lecturer, “The Cold War: The Long History,” American Institute for History Education, Miami-Dade Public Schools, Miami Lakes, FL, October 2011.

Content Lecturer, “The Civil Rights Movement as a Cold War Phenomenon,” American Institute for History Education, Miami-Dade Public Schools, Miami Lakes, FL October 2011.

Content Lecturer, “The Waning of the Cold War,” American Institute for History Education, Miami-Dade Public Schools, Miami Lakes, FL October 2011.

Guest Speaker, “Women at NASA,” University Club of Winter Park, Winter Park, FL August 2010.

Lecturer, “Sex in Space;” “Space and Science and Spiders: Oh My...NASA’s Contributions to Scientific Knowledge;” “The Future of Spaceflight Beginning Today,” Learning Institute for Elders at UCF, Orlando, FL, April 2010.

Content Lecturer, “Ida B. Wells, Lynchings, and Race Relations,” American Institute for History Education, Wenatchee Public Schools, Wenatchee, WA. June 2009.

Content Lecturer, “The Rise of Big Business, 1870-1900,” American Institute for History Education, Wenatchee Public Schools, Wenatchee, WA. June 2009.

Content Lecturer, “America in the Age of Information,” American Institute for History Education, Indianapolis Public Schools, Indianapolis, IN. Feb. 2009

Content Lecturer, "NASA and the Politics of Spaceflight," American Institute for History Education, Indianapolis Public Schools, Indianapolis, IN. Feb. 2009

Content Lecturer, "More Work for Mother?" American Institute for History Education, Indianapolis Public Schools, Indianapolis, IN. Feb. 2009

Guest Speaker, "Women in NASA," Orange County History Center, Orlando, FL. March 2007.

SERVICE

UCF COMMITTEES:

History Department

Chair, Website Committee, 2016-2017

Member, Graduate Committee, 2016-2017

Search Committee, U.S. Diplomatic History Position, 2015-2016

Search Committee, Ancient History Position, 2014-2015.

Member, Assessment Committee, 2014-2015.

Undergraduate Assessment Coordinator, 2012-2013.

Coordinator, RICHES Next Exit History, 2012-2013.

Chair, Undergraduate Curriculum Committee, 2011-2012.

Undergraduate Committee, 2010-present

Promotion and Tenure Criteria Revision Committee, 2010-present

Search Committee, Digital History Position, 2010-11

Search Committee, Early U.S. History Visiting Assistant Professor, 2010

Public History Committee, 2009-2010

Project Coordinator, Next Exit History Project, 2009-present

GEP Curriculum Review Committee, 2008-2009

Technology Committee, 2005-2010

Pauley Endowment Committee, 2008-2009

Search Committee, Florida History Position, 2006-2007

Search Committee, U.S. History Instructor, 2007-2008

College of Arts and Humanities

Honors in the Major Scholarship Committee, 2014-Present

Sabbatical Review Committee, 2009

University

Member, Student Accessibility Services Advisory Committee, 2014-Present

Faculty Senator, 2006-2012

Undergraduate Policy and Curriculum Committee, 2006-2012

PROFESSIONAL SERVICE:

Historical Consultant, *Florida Frontiers*, Episode 281, radio documentary, Florida Historical Society, 2017.

Reviewer, Book Proposal—*Knowledge and Power: Science in World History* for Pearson, 2016.

Reviewer, Book Proposal—*Moon People* for Oxford University Press, 2016.

Reviewer, Article manuscript, “Controlling Men,” *Quest*, Fall 2015.

NASA-AHA Fellowship Committee Member, 2012-14

Historical Consultant, PBS *Makers: Women in Space*, film documentary, Sara Wolitsky, producer, New York, NY, 2014.

Reviewer, Book Manuscript, *The Quotable Amelia Earhart*, University of New Mexico Press, fall 2014

Reviewer, Book Manuscript—*Weekend Pilots* for Johns Hopkins University Press, 2014.

Reviewer, Book Manuscript—*Lady Daredevils: Early American Women Flyers at Home and Abroad, 1910-1928* for University Press of Florida, 2011, 2014.

Reviewer, Professional Accomplishments Evaluation for Dr. Valerie Neal, Smithsonian Institution’s National Air and Space Museum, January 2013

Program Committee Member, National Council for Public History, 2010-11.

Reviewer, Book Manuscript *Atomic Age America* for Pearson Longman Press, 2010.

Reviewer, Article manuscript “Slowly, Yesterday Went,” *Florida Historical Quarterly*, 2010.

Guest Editor, *Florida Historical Quarterly*, Fall 2008 Special Issue on the 50th Anniversary of NASA.

Historical Consultant, “Rocket Girls and Astronettes” audio documentary, Richard Paul Productions, Washington, DC.

Editorial Board Chairperson, Wernher von Braun Documentary History Project,
sponsored by the U.S. Space and Rocket Center, Huntsville, AL, and the University
of Alabama Press, Spring 2006-2007.

Reviewer, Manuscript Proposal for *From Sputnik to Columbia: America in the Space
Age: 1957-2003* for Longman Press, 2006.

Reviewer. Book Manuscript, Texas A&M University Press, 2004.

PUBLIC SERVICE:

Interviewee, UCF History Department Podcast, Space Shuttle *Challenger*, fall 2015.

Interviewee, "Skylab," History Day Project, October 2015.

Talkback Panelist, *Science Play Festival*, Mad Cow Theater, Orlando, FL, 2014.

Interviewee, UCF History Department Podcast, John Young's flight suit, spring 2013.