

JORDAN BIMM

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SSHRC Postdoctoral Research Fellow, Princeton University

Supervisor: Janet Vertesi

Office: 327 Wallace Hall, Princeton University

EDUCATION

2010-2018: PhD, Science & Technology Studies, York University.

Supervisor: Edward Jones-Imhotep. Dissertation: *Anticipating the Astronaut: Subject Formation in Early American Space Medicine, 1949-1959*. Committee: Asif Siddiqi (Fordham University), Matthew Farish (University of Toronto), Matthew Hersch (Harvard University).

2015-2016: Visiting Student in the Department of History and Philosophy of Science, University of Cambridge, UK (Sponsor: Helen Anne Curry)

2009-2010: MA, Science & Technology Studies, York University.

Thesis: *Reliable Bodies, Aeromedical Dreams: A History of American Space Medicine 1948-1964*. Supervisor: Edward Jones-Imhotep.

2002-2008: HBA History, University of Toronto.

Thesis: *Who Can Fight the Cold War?* Supervisor: Brian Beaton.

RESEARCH AND TEACHING INTERESTS

Science & Technology Studies (STS); history of science; history of technology; history of medicine; history of psychology; space history (space medicine, space psychology, astrobiology, planetary science, environmental simulation), social studies of space, sociology of knowledge, history of cold war-era science, technology, medicine, life sciences, and social sciences.

AWARDS

SSHRC Postdoctoral Research Fellowship, 2018-2020. For *Putting Mars in a Jar: The Military Origin of Astrobiology*. Value: \$80,000.

Linda Hall Library Residential Fellowship, 2018-2019. For *Putting Mars in a Jar: The Military Origin of Astrobiology*. Value: \$6,000.

Adams Center for Military History and Strategic Analysis (Virginia Military Institute), Prize for Cold War Military History, 2016. For "Putting Mars in a Jar: The Military Origin of Astrobiology". Value: \$2000.

HSS/NASA Fellowship in the History of Space Science, 2014-2015. For *Anticipating the Astronaut: Subject Formation in Early American Space Medicine, 1949-1959*. Value: \$21,000.

Social Sciences and Humanities Research Council of Canada (SSHRC) Doctoral Award, 2013-2015. Value: \$60,000.

Sacknoff Prize for Space History, 2013. For: "Rethinking the Overview Effect". Value: \$300.00.

Ontario Graduate Scholarship (OGS), 2013. Value: \$15,000 (declined).

Ontario Graduate Scholarship (OGS), 2012. Value: \$15,000.

Ontario Graduate Scholarship (OGS), 2011. Value: \$15,000.

PUBLISHED ARTICLES

"The Well-Tempered Astronaut" co-authored with Patrick Kilian (University of Zurich) in *Nach Feierabend: Der Kalte Krieg*. (Zurich: Diaphanes, 2017). pp. 85-107.

"Rethinking the Overview Effect" in *Quest: The History of Spaceflight* (Vol. 21, No.1, 2014) (Winner of the Sacknoff Prize for Space History) pp. 39-59.

"Primate Lives in Early American Space Science" in *Quest: The History of Spaceflight* (Vol. 20, No. 4, 2013) pp. 29-40.

SHORT PUBLISHED ARTICLES

"Notes From the Field: Roswell, New Mexico" in *Technology's Stories* (Society for the History of Technology, January, 2017)

"Introduction to 'The Beginnings of Research in Space Biology at the Air Force Missile Development Center, Holloman Air Force Base, New Mexico 1946-1952'" in *Quest: The History of Spaceflight* (Vol. 23, No. 1, 2016)

WORKS IN PROGRESS

"Putting Mars in a Jar: The Military Origin of Astrobiology".

"The Brevet and the Caduceus: Defence Research and the Canadian Astronaut".

BOOK REVIEWS

Book Review: Michael J. Neufeld (editor) *Spacefarers: Images of Astronauts and Cosmonauts in the Heroic era of Spaceflight*. (Washington D.C.: Smithsonian Institution

Scholarly Press, 2013) in *Isis* (University of Chicago Press, Vol. 105, No. 4, December 2014) pp. 871.

Book Review: Douglas Vakoch (editor) *The Psychology of Space Exploration: Contemporary Research in Historical Perspective* (Washington D.C.: NASA History Office, 2011) in *Isis* (University of Chicago Press, Vol. 103, No. 4, December 2012) pp. 812.

JOURNALISM

“Canada’s Space Program Has a Diversity Problem” in *Toronto Star*, July 9, 2017.

“Alien Life May Be Stranger Than We Can Imagine” in *Toronto Star*, July 25, 2015.

“It’s Time to Tackle ‘Lie-To-Fly’ Culture Among Pilots” in *Toronto Star*, March 28, 2015

INVITED LECTURES

June 2018: “Weston’s Heritage of Aerospace Innovation”. The Weston Historical Society, Toronto, Canada.

April 2018: “The Gendered Lives of American Space Monkeys”. Solar System Social (Monthly Planetary Science Speaker Series), Toronto, Canada.

September 2017: “Toronto’s Heritage of Innovation: Aerospace”. Heritage Toronto Lecture at Downsview Park, Toronto, Canada.

April 2017: “Putting Mars in a Jar: The Military Origins of Astrobiology”. Solar System Social (Monthly Planetary Science Speaker Series), Toronto, Canada.

February 2017: “Spacemen in the Basement: Making Astronauts in the USAF Space Cabin Simulator”. Auburn University, AL, USA. Lecture in the Department of History.

November 2014: “How to Write About Space Disasters”. Guest lecture for Seneca College’s Technical Writing class. Toronto, Canada.

October 2013: “Rethinking the Overview Effect” at the Society for the History of Technology (SHOT), Portland, ME, USA. Sacknoff Lecture in Space History (lecture given to members of SHOT’s aerospace special interest group).

CONFERENCE PRESENTATIONS

November 2017: “Andean Man and the Astronaut: Space, Race, and Cold War Altitude Physiology” at History of Science Society (HSS), Toronto, Canada.

October 2017: “Rethinking the Overview Effect: A Problematic Utopianism in Spaceflight” at Society for the History of Technology (SHOT), Philadelphia, PA, USA.

November 2015: “What’s in the Mars Jar? Cold War Astrobiology and the idea of Mars as a Microbial Place” at the American Anthropological Association (AAA), Denver, CO, USA.

November 2015: “Race and the Astronaut Body: The Mount Evans Acclimatization Experiment” at the Society for the Social Studies of Science (4S), Denver, CO, USA.

October 2015: “Spaceships in the Basement: A History of the Space Cabin Simulator” at the Society for the History of Technology (SHOT), Albuquerque, NM, USA.

April 2014: “Simulating Mars in the 1950s and the Military Origins of Astrobiology” at “Embattled Heavens: The Militarization of Space in Science, Fiction, and Politics”. Freie Universität, Berlin, DE.

November 2013: “‘A Better Man Than Ever’: German Mountaineering and Early American Space Medicine” at the History of Science Society (HSS), Boston, MA, USA.

July 2013: “Between Human and Animal Astronauts: Anthropomorphizing Monkeys in Early American Space Medicine” at the International Congress of History of Science, Technology, and Medicine (ICHSTM), Manchester, UK.

October 2012: “How Do We Remember Animals Sent into Outer Space?” at the Society for the Social Studies of Science (4S), Copenhagen, DK.

October 2012: “Putting Mars In A Jar: Space medicine and the complicated origins of astrobiology in America” at the Society for the History of Technology (SHOT), Copenhagen, DK.

MUSEUM WORK

2018: “Soyuz Spacecraft Acquisition Report”. Report for Canada Aviation and Space Museum (CASM), Ottawa, Ontario.

2017: “Overview of Canadian Space Medicine from 2000-Present”. Report for Canada Aviation and Space Museum (CASM), Ottawa, Ontario.

2014: Acquisition consulting for Canada Science and Technology Museum (CSTM). Ottawa, Ontario.

2013: Acquisition field work and consulting for Canada Science and Technology Museum (CSTM) at Canadian Space Agency (CSA), Longueuil, Quebec.

2010: Oral history interview series. Subject: Dr. Gary Gray, Flight Surgeon to Canadian Space Agency astronauts. Defence Research and Development Canada (DRDC) Toronto.

MEDIA

My research has been featured in: *The Los Angeles Times*, *The Toronto Star*, *The National Post*, *Fast Company*, *Slate*, *Frankfurter Allgemeine Zeitung*, *The Life Sciences Podcast*, *Lady Science Podcast*, *Maclean's*, *Metro Toronto*, *Indie88*, *El Mundo*, *University of Toronto Faculty of Medicine Quarterly*, *York Universe Podcast*, and *YorkU Magazine*.

PUBLIC ENGAGEMENT

August 2018: Panelist for “We Should Have Sent a Poet: A Public Discussion About Ethics and Space Exploration”. Solar System Social (Monthly Planetary Science Speaker Series), Toronto, Canada.

April 2018: Judge for “2001: A Book Odyssey”. University of Toronto Book and Media Studies Program, Toronto, Canada.

February 2018: Presenter for “All About Astronauts”. The Astronuts Space Club for Kids, Newmarket, Canada.

COMPREHENSIVE EXAM

Committee:

Edward Jones-Imhotep (Human-Machine Interactions)

Naomi Adelson (Biosciences & Biotechnologies)

Bernard Lightman (History of Science)

Completed: February 8, 2014.

TEACHING

Teaching assistant (TA) for “Science, Technology, and Society”, Fall/Winter 2016-2017.

Instructor: H el ene Mialet; Duties: grading.

Instructor for “Arts & Design Portfolio”, Fall 2016, Centennial College; Duties:

Curriculum development, lecturing, lab work, studio work, marking/grading.

Teaching assistant (TA) for “History of Astronomy”, Summer 2016, York University.

Instructor: Robin Metcalfe; Duties: grading.

Online instructor for “Growing Up Digital: Living and Working in Canada”, Summer 2016, Centennial College; Duties: curriculum development, grading.

Online instructor for “Growing Up Digital: Living and Working in Canada”, March 2016, Centennial College; Duties: curriculum development, grading.

Teaching assistant (TA) for “History of Astronomy”, 2015-2016, York University.
Instructor: Robin Metcalfe; Duties: grading.

Teaching assistant (TA) for “Physics and Technology”, 2015-2016, York University.
Instructor: Robin Metcalfe; Duties: grading.

Curriculum Development, summer 2013. Developed a twelve-week course titled “Astronauts” for York University’s STS undergraduate program.

Teaching assistant (TA) for “Science, Technology, and Society”, winter 2013, York University. Instructor: Edward Jones-Imhotep; Duties: lecturing, grading.

Teaching assistant (TA) for “Computers Information and Society”, 2009-2010, York University. Instructor: Robert Levine; Duties: grading and curriculum development.

Instructor for “Growing Up Digital: Living and Working in Canada”, Winter 2009, Centennial College; Duties: lecturing, labs, grading, curriculum development.

SERVICE TO THE FIELD

Reviewer for: *Antipodes, The Science Museum Group Journal*.

ACADEMIC PUBLISHING

Book Review Assistant for *Isis*, the official publication of the History of Science Society (HSS), published quarterly by University of Chicago Press, 2010-2014.