

MICHELLE D. HOFFMAN

Bard College
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EDUCATION

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| 2013 | University of Toronto
Toronto, ON | PhD, Institute for History and Philosophy of Science and Technology. |
| 2004 | University of Toronto
Toronto, ON | MA, Institute for History and Philosophy of Science and Technology |
| 2001 | Concordia University
Montreal, QC | BSc, Applied Physics (with distinction)
Additional major in Western Society and Culture from Concordia Liberal Arts College |

PROFESSIONAL APPOINTMENTS

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| 2016–17 | Bard College, Annandale-on-Hudson, NY
Visiting Assistant Professor of the Humanities
Faculty Member, Bard Prison Initiative | Courses taught: <i>First Year Seminar</i> (Annandale); <i>Philosophy of Science</i> (BPI); <i>Science, Rationality and Democracy</i> (tutorial) |
| 2015–16 | Bard College, Annandale-on-Hudson, NY
Mellon Postdoctoral Fellow in the History and Philosophy of Science | Courses taught: <i>First-Year Seminar</i> , <i>Philosophy of Science</i> , <i>History and Philosophy of Evolutionary Biology</i> |
| 2013–15 | American University of Central Asia, Bishkek, Kyrgyzstan
Mellon Postdoctoral Fellow in the History and Philosophy of Science
Assistant Professor, General Education | Courses taught: <i>Introduction to the History and Philosophy of Science</i> , <i>First-Year Seminar</i> |

PUBLICATIONS

Refereed journal articles

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| 2017 | “Just a Theory: The Atomic Theory Debate and High-School Chemistry, 1905–1917.” <i>Historical Studies in the Natural Sciences</i> (forthcoming Sep). |
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- 2013 "Shunning the Bird's Eye View: The Adoption of General Science in Quebec and Ontario Secondary Schools," *Science & Education* (Apr): 827–846. doi: 10.1007/s11191-012-9517-x.

Book chapter

- 2011 "Learning in the Lab: The Introduction of 'Practical' Science Teaching in Ontario's High Schools in the 1880s," in *Learning by Doing: Experiments and Instruments in the History of Science Teaching*. Edited by Peter Heering and Roland Wittje. Stuttgart: Verlag.

Book reviews

- 2013 Review of Marianne Gosztonyi Ainley, *Creating Complicated Lives: Women and Science at English-Canadian Universities, 1880–1980*. *Historical Studies in Education/Revue d'histoire de l'éducation* 25.2: 156–158.

Other publications

- 2006 "Longevity in a Bottle? Aging and Rejuvenation in Medicine and Literature," *Idea&s: The Arts and Science Review* 3.1: 56–59.

CURRENT RESEARCH PROJECT

"Teaching How to Think: Thinking Skills and Civic Engagement, 1920–1960"

Examines pedagogical approaches to critical thinking, particularly in the United States and Britain, as well as textbooks offering formal instruction in "clear thinking" as a key element in preparing young people for democratic citizenship.

AWARDS AND FELLOWSHIPS

- 2009 Award for best student presentation, Canadian Science and Technology Historical Association meeting
- 2007–09 Doctoral Scholarship, Fonds québécois de recherche sur la société et la culture (accepted in part)
- 2007–08 Doctoral Fellowship, Social Sciences and Humanities Research Council of Canada
- 2007 Ontario Graduate Scholarship (declined)
- 2005 Dean's Essay Prize, annual award (now defunct) for best essay by a graduate student in the Faculty of Arts and Science, University of Toronto

RECENT CONFERENCE PRESENTATIONS

- 2017 "Robert S. Woodworth, Charles H. Judd, and the Problem of Transfer, Canadian Society for the History and Philosophy of Science
- 2015 "Science Education as Civic Education: Clear Thinking and the Problem of Transfer", 1900–1945 History of Science Society, San Francisco

- 2015 “Teaching to Think: Formalizing and Popularizing the Teaching of ‘Clear Thinking’ in Britain and the United States in the 1930s,” International Standing Conference on the History of Education, Istanbul, Turkey
- 2015 “Science Education, Clear Thinking, and the Problem of Transfer,” British Society for the History of Science, Swansea, UK
- 2012 “Convenient Fictions: The Atomic Theory Debate in Ontario’s High School Chemistry Textbook, 1905–1909,” Canadian History of Education Association, Vancouver, BC
- 2010 “Shunning the Bird’s Eye View: The Rise of General Science in Quebec and Ontario Secondary Schools.” Symposium on cross-national and comparative history of science education, European Society for the History of Science, Barcelona, Spain

CAMPUS TALKS

- 2015 First Year Seminar cohort lecture, American University of Central Asia: “Jean-Jacques Rousseau’s *Émile*”
- 2014 First Year Seminar cohort lecture, AUCA: “Charles Darwin’s *Origin of Species*”

TEACHING EXPERIENCE

- 2010–13 **University of Toronto Center for Teaching Support and Innovation, Teaching Assistants’ Training Program**
Microteaching Coordinator (2011–13)
Teaching Assistant Trainer, Humanities (2010–11)
- Coordinated and facilitated simulated teaching practicums, a core component of the Teaching Assistants’ Training Program. Designed and led workshops for graduate students as preparation for their current duties as TAs and their future roles as faculty members; offered individual consultations on teaching; conducted in-class teaching observations, dossier reviews, and more.
- 2013 **University of Toronto Scarborough, Center for Teaching and Learning**
Teaching Assistant Trainer
- Designed and led workshops for new teaching assistants (summer).
- 2006 **University of Toronto, Course Instructor**
History of Science
- 2004–13 **University of Toronto, Teaching Assistant**
History of Modern Technology ♦ *History of Technology and Engineering Pre-Industrial Revolution* ♦ *Darwinism* ♦ *History of Science* ♦ *Scientific Revolutions I* ♦ *Scientific Revolutions II* ♦ *The Engineer in History* ♦ *Topics in History of Mathematics from 1700* (grader) ♦ *History of Medicine* (grader)

RESEARCH EXPERIENCE

- 2006–08 Research Assistant

University of Ottawa Women in Engineering Research Group
 Project: "Society-centred educational practices and the retention of women in engineering" (Principal investigator: Ruby Heap, University of Ottawa)

PROFESSIONAL DEVELOPMENT

- Mar 2017 Institute for Writing and Thinking, Bard College – "Writing to Learn in STEM Disciplines" (IWT Associate training workshop, Mar 5–7)
- Spring 2017 Bard College faculty reading group – Beverley Tatum, *Why Are All the Black Kids Sitting Together in the Cafeteria?*
- Fall 2016 Bard College faculty reading group – Ken Bain, *What the Best College Teachers Do*
- Jul 2016 Institute for Writing and Thinking, Bard College – "Writing to Learn in the STEM Disciplines" (July 10–15)
- Feb 2016 PossePlus Retreat, Bard College
- Sep 2015– Center for Faculty and Curricular Development workshops and events, Bard College (e.g., Best Practices for Classroom Discussion; Assignment Design; Building Community in the Classroom; Working with Underrepresented Students in the Classroom; etc.)

SERVICE

- 2015–17 Member, Bard College/AUCA Faculty Education Oversight Committee
- 2014–15 Member, Faculty Senate, American University of Central Asia
- 2015 Co-Chair, Academic Integrity Working Group (drafted proposal and strategic plan to assess and strengthen academic integrity policies and education at AUCA)
- Aug 2014 Designed and delivered faculty workshops: "Responding to Student Drafts: Encouraging Deep Revision" and "Running Engaging, Discussion-Based Seminars"
- 2014–15 Member, Student Intellectual Life Committee, AUCA (adjudicated student research travel grants)
- 2013–15 Student Advisor, AUCA
- 2014 Member, Natural Sciences Assessment Committee, AUCA
- 2014 First Year Seminar job candidate search committee
- 2013, 2014 First Year Seminar curriculum and syllabus design committee
- 2006–09 Graduate Student Representative, Graduate Curriculum Committee
 Institute for the History and Philosophy of Science and Technology (IHPST)
- 2005–06 President, HAPSAT (Graduate Student Association), IHPST
- 2006 Program Co-Chair, graduate student conference, IHPST