

# KRISTEN M. SCHRANZ

Curriculum vitae

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## EDUCATION

PhD (2012–2014; 2015–2018)

Institute for the History and Philosophy of Science and Technology, University of Toronto, Toronto, Ontario, Canada

MA (2012)

Institute for the History and Philosophy of Science and Technology, University of Toronto, Toronto, Ontario, Canada

BEd (2007, with Distinction)

Faculty of Education, University of Western Ontario, London, Ontario, Canada  
Intermediate/Senior History and Chemistry

BA (2006, with High Honours)

Department of History, University of Saskatchewan, Saskatoon, Saskatchewan, Canada

## REFEREED PUBLICATIONS

Kristen M. Schranz, "Pneumatic Chemistry in the Making: The Writings of James Keir and Pierre-Joseph Macquer, 1766–1779," in future edited collection. (*in progress*)

Kristen M. Schranz, "Catalyzing Chemical Correspondence: James Watt and the Case of Joseph Black and James Keir," in *James Watt (1736–1819): Culture, Innovation and Enlightenment*, eds. Malcolm Dick and Caroline Archer (Liverpool Press, 2019). (*forthcoming*)

Kristen M. Schranz, "The Tipton Chemical Works of Mr James Keir: Networks of Conversants, Chemicals, Canals and Coal Mines," *Int. J. for the History of Eng. & Tech.*, vol. 84, no. 2 (July 2014): 248–73.

## GRANTS AND SCHOLARSHIPS

2017	Society for the History of Alchemy and Chemistry, New Scholars Award – Value £750
2016	Ontario Graduate Scholarship – Value \$15,000
2016	University of Toronto School of Graduate Studies, Research Travel Grant
2016	British Society for the History of Science, Research Grant – Value £500
2015	Social Science and Humanities Research Council of Canada (SSHRC) – Canada Graduate Scholarships, Michael Smith Foreign Study Supplement – Value \$6,000
2015 & 2013	Institute for the History and Philosophy of Science and Technology Conference and Travel Grants
2012–2016	Social Science and Humanities Research Council of Canada (SSHRC) – Joseph Armand Bombardier Canada Graduate Scholarship – Doctoral – Value \$105,000
2011–2012	Social Science and Humanities Research Council of Canada (SSHRC) – Joseph Armand Bombardier Canada Graduate Scholarship – Masters – Value \$17,500
2005	University of Saskatchewan, Charles W. Lightbody Memorial Scholarship (Department of History) – Value \$500
2005	University of Saskatchewan Scholarship recipient for academic performance – Value \$3,000
2003	University of Saskatchewan Hatelid Family Memorial Scholarship – Value \$1,500
2002	University of Saskatchewan Chancellors’ Scholarship – Value \$20,000

## AWARDS AND HONOURS

2002–2006	University of Saskatchewan Arts & Science Dean’s Honour List
2002–2006	University of Saskatchewan Greystone Scholar – Value \$2,000

## REFEREED CONFERENCE PRESENTATIONS

- 2018 "From the Fields of India to the Factories of England: Helenus Scott, James Keir, and the Case of the Indian Alkali." *History of Science Society (HSS) Annual Meeting*, Seattle, USA, November 1–4.
- 2017 "Pneumatic Chemistry in the Making: The Writings of James Keir and Pierre-Joseph Macquer, 1766–1779." *History of Science Society (HSS) Annual Meeting*, Toronto, Canada, November 9–12.
- 2017 "From the Laboratory to the Marketplace: Selling the Beauty of 'Keir's Metal'." *Canadian Society for Eighteenth-Century Studies Conference*, Toronto, Canada, October 18–22.
- 2017 "Dr. Carmichael Smyth's Nitrous Acid Fumigation: The Chemical Testimony of James Keir." *International Conference on the History of Chemistry*, Trondheim, Norway, August 29–September 2.
- 2017 "Pneumatic Chemistry in the Making: The Writings of James Keir and Pierre-Joseph Macquer, 1766–1779." *Congress of the Humanities and Social Sciences*, Toronto, Canada, May 27–29.
- 2016 "Catalyzing Chemical Correspondence: James Watt and the Case of Joseph Black and James Keir." *James Watt Symposium*, Birmingham, England, July 28–29.
- 2015 "The Fashioning of a Philosophical Chemist: The *Philosophical Transactions* papers of James Keir (1776, 1787 and 1790)." *History of Science Society (HSS) Annual Meeting*, San Francisco, California, USA, November 19–22.
- 2014 "Manufacturing and Modifying Useful Chemical Wares: The Shared Material Culture of Wedgwood and Priestley's Laboratories, 1780-1795." *Congress of the Humanities and Social Sciences*, St. Catharines, Ontario, Canada, May 24–26.
- 2013 "The Successful Tipton Works of Mr. Keir: Networks of Conversants, Chemicals, Canals and Coalmines." *24th International Congress of History of Science, Technology and Medicine*, Manchester, England, July 21–28.

2013 “The Successful Tipton *Works* of Mr. Keir: Networks of Conversants, Chemicals, Canals and Coalmines.” *Congress of the Humanities and Social Sciences*, Victoria, British Columbia, Canada, June 2–4.

#### INVITED TALKS

2018 “James Keir (1735–1820): A Forgotten Pioneer.” *Celebrating Forgotten Revolutionary Players*, History West Midlands Special Event, Birmingham, England, UK, June 9.

2018 “James Keir (1736-1820) 'Forgotten' Lunar man comes out of the shadows,” History West Midlands Podcast, Birmingham, England, UK, June 8, <https://historywm.com/podcasts/>

2015 “The Fashioning of a Philosophical Chemist: The *Philosophical Transactions* papers of James Keir (1776, 1787 and 1790).” *Institute for the History and Philosophy of Science and Technology lunch talk*, Toronto, Ontario, Canada, November 4.

2014 “Manufacturing and Modifying Useful Chemical Wares: The Shared Material Culture of Wedgwood and Priestley’s Laboratories, 1780–1795.” *Institute for the History and Philosophy of Science and Technology Workshop*, Toronto, Ontario, Canada, May 13.

2013 History of science and technology presentation, Greenbrier Public School, Brantford, Ontario, Canada, November 14.

2013 “Dr. Godfrey’s Premarital Health Certificates: Eugenics and Failed Marriage Act Amendments in the Ontario Legislature, 1912–1919.” *Eugenics in North America Workshop*, Toronto, Ontario, Canada, May 9.

#### TEACHING EXPERIENCE

2011 Teaching Assistant  
Institute for the History and Philosophy of Science and Technology, University of Toronto  
HPS 210: Scientific Revolutions I

2010–2011 Academic Tutor  
Briercrest College, Caronport, Saskatchewan, Canada

2007–2010 International Baccalaureate Middle Years Program Teacher  
Sekolah Pelita Harapan, Lippo Village, Indonesia

## RESEARCH EXPERIENCE

2012 Research Assistant  
Institute for the History and Philosophy of Science and  
Technology, University of Toronto  
Assisted Professor Emeritus Trevor H. Levere in transcribing and  
annotating a nineteenth-century scientific book auction catalogue

## DEPARTMENTAL/UNIVERSITY SERVICE

2013–2014 Student representative, search committee for Associate Professor  
of History of Social or Psychological Science/Technology, Institute  
for the History and Philosophy of Science and Technology,  
University of Toronto

2012–2014 Researcher and writer, University of Toronto Scientific Instrument  
Collection ('Colour' exhibition: 2014; Transit of Venus artifact  
exhibition: April 2012)

2011–2014 Member and elected official, History and Philosophy of Science  
and Technology (HAPSAT) Graduate Student Union, University of  
Toronto (Treasurer: 2012 – 2014; Secretary: 2011 – 2012)

## RELATED PROFESSIONAL SKILLS

2011–2012 Teaching Fundamentals Certificate, Teaching Assistants' Training  
Program, University of Toronto

## PROFESSIONAL AFFILIATIONS

2007–Present Ontario College of Teachers

2015–2018 History of Science Society

2013–2018 British Society for the History of Science

2013–2018 Society for the History of Alchemy and Chemistry

2013–2017 Canadian Society for the History and Philosophy of Science

2017 Canadian Society for Eighteenth-Century Studies