

# Adam Richter

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<https://adamrichter.me>

## Employment history

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2021-present	Lecturer, University of King's College, History of Science and Technology for "Introduction to the History of Science", parts I-II
2020-present	Assistant Professor, Dalhousie University, Department of History, for development and teaching of "Engineering and Society"
2019-present	Sessional Instructor, University of Toronto Mississauga, Department of Chemical & Physical Sciences, for "Astronomical Revolutions"
2019-present	Associate Instructor of Language Arts, Brain Power Enrichment Programs
2019-2021	Teaching Assistant, OCAD University, Faculty of Liberal Arts and Sciences for "The Culture of Science" and "Astronomy: Scales and Structures"
2018	Teaching Assistant, University of King's College, History of Science and Technology Program, for "Science Fiction in Film"
2018	Teaching Assistant, Dalhousie University, Faculty of Computer Science "Computer Science in Humanistic Perspective"
2015, 2017	Course Instructor, University of Toronto, Institute for the History and Philosophy of Science and Technology, for "History of Science and Religion" and "Scientific Revolutions I"
2011-2016	Teaching Assistant, University of Toronto, Institute for the History and Philosophy of Science and Technology, for various courses

## Education

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PhD (2018)	University of Toronto, Institute for the History and Philosophy of Science and Technology <ul style="list-style-type: none"><li>Thesis: "The Mathematical Minister: John Wallis (1616-1703) at the Intersection of Science, Mathematics, and Religion"</li></ul>
MA (2011)	Dalhousie University, Department of History <ul style="list-style-type: none"><li>Thesis: "Priority and Nationalism: The Royal Society's International Priority Disputes, 1660-1700"</li></ul>
Specialized Hons. BA (2010)	Glendon College (York University), Department of History

## Publications

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### **Book**

*An Infinite Mind: John Wallis on Nature, Mathematics, and the Divine*, under contract with University of Toronto Press

### **Book chapter**

“Pernicious Papists and Pretended Panaceas: Natural Philosophy and Anti-Catholicism in the Works of David Abercromby”, in progress, for *Anti-Popery in Early Modern Britain 1520-1750*, ed. Adam Morton, under consideration by Manchester University Press

### **Edited volume**

Co-editor of “John Wallis at 400: Science, Mathematics, and Religion in Seventeenth-Century England,” special issue of *Notes and Records: The Royal Society Journal of the History of Science* (December 2018), with Stephen D. Snobelen

### **Peer-reviewed articles**

“On Food and Fossils: Natural Philosophy, Mathematics, and Biblical History in the Works of John Wallis,” *The Seventeenth Century* 35 (2020): 77-104

“‘Nature Doth Not Work by Election:’ John Wallis, Robert Grosseteste, and the Mathematical Laws of Nature,” *Journal of Early Modern Studies* 7 (2018): 47-72

“John Wallis and the Catholics: Confessional and Theological Antagonism in Wallis’s Mathematics and Philosophy,” *Notes and Records: The Royal Society Journal of the History of Science* 72 (2018): 487-503

### **Book reviews**

Review of *Priest of Nature: The Religious Worlds of Isaac Newton* by Rob Iliffe, *Journal of Ecclesiastical History* 71 (2020): 870-872

“A Syllabus of (Some of) Gingras’ Errors,” Review of *Science and Religion: An Impossible Dialogue* by Yves Gingras, *Metascience* 28 (2019): 211-219, co-written with Yiftach Fehige

“Complexity and Its Context in Science and Religion,” Review of *Science and Religion: A Historical Introduction*, 2nd ed., edited by Gary Ferngren, *Metascience* 26 (2017): 447-450

“Kepler in a Witch’s World,” Review of *The Astronomer and the Witch: Kepler’s Fight for His Mother* by Ulinka Rublack, *Metascience* 26 (2017): 191-193

Review of *Augustine and Science*, eds. John Doody, Adam Goldstein, and Kim Paffenroth, *Isis* 106 (2015), co-written with Yiftach Fehige

## Awards, Scholarships, and Distinctions

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Recognition Award for Engaging Lectures, awarded by the Dalhousie Undergraduate Engineering Society (2021)

Nathan Reingold Prize, awarded by the History of Science Society for best essay by a graduate student, \$500 (2016)

- for “‘Nature Doth Not Work by Election’: John Wallis (1616-1703) on Natural and Divine Action”

Jackman Humanities Institute Conference Grant, \$2000 (2016)

- in support of “John Wallis at 400” workshop

University of Toronto School of Graduate Studies (SGS) Research Travel Grant, \$2340 (2015)

- for archival research at the University of Oxford and the Royal Society of London

Institute for the History and Philosophy of Science and Technology (IHPST) Travel Grant, \$910 (2015)

- for delivering the paper “Biblical History in the Natural Philosophy of John Wallis (1616-1703)” at the History of Science Society Annual Meeting in San Francisco

Joseph-Armand Bombardier Canada Graduate Scholarship (CGS) doctoral grant, \$35 000 (2014-2015)

University of Toronto School of Graduate Studies (SGS) Conference Grant, \$1000 (2014)

- for delivering the paper “Similitudes for the Unobservable: the *analogia Trinitatis* of John Wallis” at Themes of Polemical Theology across Early Modern Literary Genres, a conference in Bratislava, Slovakia

Richard Hadden Award for best student paper at CSHPS conference (2012)

- for “The Trinity and the Cube: Nescience in the Epistemology of John Wallis”

Social Sciences and Humanities Research Council (SSHRC) doctoral grant, \$20 000 per annum (2012-2014)

Ontario Graduate Scholarship (OGS) doctoral grant (declined), \$5000 (2012)

Avie Bennet Award, \$10 000 (2011)

- for excellence in arts and science

School of Graduate Studies Fellowship from University of Toronto, \$15 000 per annum + tuition (2011-2016)

Faculty of Graduate Studies Fellowship from Dalhousie University, \$7500 (2010)

John Brückmann Prize in European History from Glendon College (2010)

## Academic Community Involvement

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Research assistant for Gateway to Early Modern Manuscript Sermons (GEMMS) Project (2016-present)

- contributing to the development of an online database of early modern sermons

Head copyeditor for *Spontaneous Generations: A Journal for the History and Philosophy of Science* (2016-2018)

- communicated with authors and coordinated all copyediting for the 2018 issue

Co-organizer of reading group, “Demything the Conflict between Science and Religion,” with Robert Logan (2016)

- chose texts and led discussions with students on the science-religion relationship

Organizer for “John Wallis at 400: A Workshop on Science, Mathematics, and Religion in Seventeenth-Century England” (2016)

- developed conference program and managed budget

Centre for Reformation and Renaissance Studies Graduate Committee (2015-2016)

- participated with a team to develop a plan for the future of CRRS and its library

Instrument researcher and archivist for the University of Toronto Scientific Instruments Collection (2013-2015)

- investigated the purpose and provenance of scientific instruments
- contributed to two exhibits: “Science in Colour” (2014) and “Staging Science” (2015)
- maintained archive related to the history of the collection

Undergraduate Program Review for Environmental and Health Sciences program at Glendon College (2009)

- participated with the program’s faculty to plan the future of the program

## Conference Presentations

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Virtual HistSTM session on Flat Earth history, August 2021

- “Hooke, Wallis, and the Wandering Poles”

Dalhousie Stokes Seminar, November 2020

- “Pernicious Papists and Pretended Panaceas: Natural Philosophy and Anti-Catholicism in the Works of David Abercromby”

Scotland’s Historians of Science virtual meeting, June 2020

- “David Abercromby’s Anti-Catholic Science”

Representations of Popery in British History Workshop, Newcastle upon Tyne, April 2019

- “Anti-Catholicism and Early Modern Science”

Canada Milton Seminar XIII, Toronto, April 2018

- “GEMMS: Gateway to Early Modern Manuscript Sermons”

Early Modern Celebration, Toronto, April 2018

- “Anti-Catholic Science in Early Modern England: The Case of John Wallis”

Science, Imagination and Wonder: Robert Grosseteste and His Legacy, Oxford, April 2018

- “Robert Grosseteste, John Wallis, and the Laws of Nature”

Scientiae Conference, Padua, April 2017

- “John Wallis and the Catholics”

John Wallis at 400 workshop, Toronto, November 2016

- “John Wallis and the Catholics”

CSHPS Conference, Calgary, June 2016

- Panelist in book panel on Peter Harrison’s *The Territories of Science and Religion*
- “Biblical History in the Natural Philosophy of John Wallis (1616-1703)”

HSS Annual Meeting, San Francisco, November 2015

- “Biblical History in the Natural Philosophy of John Wallis (1616-1703)”

Early Modern Interdisciplinary Graduate Forum, University of Toronto, October 2015

- “Biblical History in the Natural Philosophy of John Wallis (1616-1703)”

Themes of Polemical Theology across Early Modern Disciplinary Genres, Bratislava, December 2014

- “Similitudes for the Unobservable: the *Analogia Trinitatis* of John Wallis”

CSHPS Conference, Victoria, June 2013

- “John Wallis on Natural and Divine Action”

HOPOS Conference, Halifax, June 2012

- “The Trinity and the Cube: Nescience in the Epistemology of John Wallis”

CSHPS Conference, Waterloo, May 2012

- “The Trinity and the Cube: Nescience in the Epistemology of John Wallis”

CSHPS Conference, Fredericton, May 2011

- “‘Unrefined and Undisciplined Masses’: Copernicanism, Esotericism, and Divine Accommodation”

## Guest Lectures

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- “Science and the Media,” University of King’s College, Winter 2022
- “The Walt Disney Company and Narratives of Scientific Progress”
- “Science and Religion: Contemporary Perspectives,” University of King’s College, Winter 2021
- “Einstein, Philosophy, and Religion”
- “Science in the Enlightenment,” University of King’s College, Winter 2021
- “The Herschels and Stellar Astronomy”
- “Science Against Religion? A Complex History”, University of Toronto, Fall 2019
- “John Wallis (1616-1703): Science, Religion, and Politics in Early Modern England”
- “Natural Science and Social Issues”, University of Toronto, Winter 2019
- “The Walt Disney Company and Narratives of Scientific Progress”
- “Science and Religion: Historical Perspectives”, University of King’s College, Fall 2018
- “Religion and the Royal Society of London”
  - “Galileo and the Catholic Church”
- “The Scientific Revolution”, University of King’s College, Fall 2018
- “Galileo, Astronomy, and the New Physics”
- “Science Fiction in Film”, University of King’s College, Fall 2018
- “Blade Runner”
- “History of Science and Religion”, University of Toronto, Summer 2018
- “Religion and the Royal Society of London”
- “History of Science and Religion”, University of Toronto, Winter 2018
- “Galileo, the ‘New Physics’ and the ‘Conflict Thesis’”
  - “The Changing Historiography of ‘Science and Religion’”
- “Scientific Revolutions I”, University of Toronto, Fall 2016
- “Mechanical Philosophy and the Royal Society”
- “History of Science and Religion”, University of Toronto, Winter 2016
- “Changing Historiography”
  - “When Does the History of Science Begin?”
  - “Galileo and the Church”
  - “The Reformation, Newton, and Deism”
- “Scientific Revolutions I”, University of Toronto, Summer 2013
- “Pluralism in Early Modern Medicine”

“History of Science and Religion”, University of Toronto, Winter 2013

- “Science, Religion, and How to Write the History of Their Interaction”
- “Galileo and God’s Two Books”
- “Science and Religion in Good Company: The Royal Society”
- “Science, Religion, and Medicine”

“History of Science and Religion”, University of Toronto, Winter 2012

- “Galileo and God’s Two Books”

“Faith and Physics”, University of Toronto, Winter 2012

- “Galileo and God’s Two Books”

“Scientific Revolutions I”, University of Toronto, Fall 2011

- “Religious Reactions to Copernicanism”

### **Research Interests**

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- the history of science in early modern Europe
- interactions between science and religion
- the natural philosophy and theology and John Wallis
- anti-Catholicism in the history of science
- priority disputes and intellectual property in the history of science
- science fiction in relation to the history of science

### **Languages**

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- reading, writing, and speaking knowledge of French
- reading knowledge of Latin