

*Curriculum Vitae*

Evan R. Ragland

Department of History  
University of Notre Dame  
Notre Dame, Indiana 46556  
+1.574.631.0506  
eragland@nd.edu

HIGHER EDUCATION

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*Indiana University, Bloomington, IN*

- Ph.D. History and Philosophy of Science 2012
- M.A. History and Philosophy of Science 2007

*Hillsdale College, Hillsdale, MI*

- B.S. History and Mathematics (double major), *summa cum laude* 2003

ACADEMIC POSITIONS

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*University of Notre Dame*

- Associate Professor, Department of History 2023-present
- Assistant Professor, Department of History 2015-present

*University of Alabama in Huntsville*

- Assistant Professor, Department of History 2011-2015

SCHOLARSHIPS AND FELLOWSHIPS

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- Notre Dame Institute for Advanced Study Fellowship spring 2020
- American Council of Learned Societies Fellowship (\$40,000) 2017-2018
- Humboldt Foundation Research Fellowship (\$54,500) (declined) 2017-2018
- Dibner Program Long-Term Fellowship, Huntington Library (\$50,000) (declined) 2017-2018
- Chemical Heritage Foundation Sidney M. Edelstein Fellowship (renewed) 2009-2011
- Indiana University Dissertation Year Fellowship 2009-2010
- Philadelphia Area Center for the History of Science Writing Fellowship (declined) 2009-2010
- National Science Foundation Dissertation Research Improvement Grant 2008
- Scaliger Fellowship, Scaliger Institute, Leiden University 2008
- University Fellowship, Indiana University Bloomington 2004-2005

DISTINCTIONS, HONORS, AND AWARDS

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- Shryock Medal Winner, American Association for the History of Medicine 2012
- Victor E. Thoren Graduate Student Research Fellowship, IU HPS Award 2012

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| Partington Prize Winner, Society for the History of Alchemy and Chemistry      | 2011 |
| Hanson Essay Prize, Indiana University History and Philosophy of Science Award | 2007 |
| Departmental Honors in Mathematics, Hillsdale College                          | 2003 |

## REFEREED BOOKS

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### *In-progress*

*Experimental Medicine: Anatomy, Chymistry, and Clinical Practice at Leiden University, 1639-1672*, 351 pp. (Largely complete, in five substantial chapters and an introduction. Now revising.)

### *Published*

*Early Modern Medicine and Natural Philosophy*, ed. Peter Distelzweig, Benjamin Goldberg, and Evan Ragland (Dordrecht: Springer, 2016).

*Making Physicians: Tradition, Teaching, and Trials at Leiden University, 1575-1639*, Clio Medica Series in the History of Medicine (Leiden: Brill, 2022) 457 pp. Subvention awarded from the Institute for Scholarship in the Liberal Arts, University of Notre Dame.

## REFEREED ARTICLES, BOOK CHAPTERS, AND EDITED JOURNAL ISSUES

### *In-progress*

“Analysis and Synthesis in the Academic Medical Tradition,” for *Rigor* edited volume.

“Remaking the World: Experiment, Ambition, and the Goods of Knowing Nature in Early Modern Europe,” submitted to *History of Science*.

“Experience and Experiment in Ancient and Medieval Science and Medicine,” invited chapter for *History and Philosophy of Science*, edited by Liba Taub and Robert Goulding, to be submitted January 2024.

### *Published*

“Science of the Body,” with Peter Distelzweig, for *The Cambridge History of Philosophy of the Scientific Revolution*, ed. Dana Jalobeanu and David Marshall Miller (Cambridge: Cambridge University Press, 2022) 201-221.

“The Importance of the *Ingenium*, Reason, and Experience in the Development of Experimentation in Seventeenth-Century Academic Medical Training at Leiden University, 1592-1678,” in *Ingenuity in the Making*, edited by Richard Oosterhoff, José Ramon Marcaida, and Alexander Marr. (Pittsburgh, 2021) 112-130.

“Reading Galileo in Conversation with Other Scholars,” essay review of Renée Raphael, *Reading Galileo: Scribal Technologies and the Two New Sciences* (Johns Hopkins, 2017), *Early Science and Medicine* 23:3 (August 2018) 265-277.

“‘Making Trials’ in Sixteenth- and Early Seventeenth-Century European Academic Medicine,” *Isis*:

*A Journal of the History of Science Society* 108:3 (2017) 503-528.

“Experimental Clinical Medicine and Drug Action in Mid-Seventeenth-Century Leiden,” in *Testing Drugs, Trying Cures*, special issue edited by Elaine Leong and Alisha Rankin, of the *Bulletin of the History of Medicine* 91:2 (2017) 331-361.

“Mechanism, the Senses, and Reason: Franciscus Sylvius and Dutch Debates over Anatomical Knowledge after Harvey and Descartes,” in *Early Modern Medicine and Natural Philosophy*, ed. Distelzweig, Goldberg, and Ragland (Dordrecht: Springer, 2016) 173-205.

“Introduction,” co-authored with Benjamin Goldberg, in *Early Modern Medicine and Natural Philosophy*, ed. Distelzweig, Goldberg, and Ragland (Dordrecht: Springer, 2016) 1-15.

*Analysis and Synthesis in Medieval and Early Modern Europe*, ed. with Joel A. Klein, special issue of *Ambix* 61:4 (2014).

“Introduction: Analysis and Synthesis in Medieval and Early Modern Europe,” with Joel A. Klein, introduction to a special edited issue of *Ambix* 61:4 (2014) 1-8.

“Between Certain Metaphysics and the Senses: Cataloging and Evaluating Cartesian Empiricisms,” *Journal of Early Modern Studies*, 3:2 (2014) 119-139.

“Chymistry and Taste in the Seventeenth Century: Franciscus Dele Boë Sylvius as a Chymical Physician Between Galenism and Cartesianism,” *Ambix*, Vol. 59, No. 1 (March, 2012) 1-21.

“Experimenting with Chymical Bodies,” *Early Science and Medicine*, 13 (2008) 615-664.

## UNREFEREED PUBLICATIONS

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“Sylvius, Franciscus (François or Frans dele Boë),” in the *Encyclopedia of Early Modern Philosophy and the Sciences*, ed. Dana Jalobeanu and Charles Wolfe (Springer, 2020). 7 pp.

“Experiment in Renaissance Science,” with Friedrich Steinle and Cesare Pastorino, *Encyclopedia of Renaissance Philosophy*, ed. Marco Sgarbi (Springer, 2019). 15 pp.

## OTHER PUBLICATIONS - BOOK REVIEWS

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Review of Alexander Wragge-Morley, *Aesthetic Science: Representing Nature in the Royal Society of London, 1650-1720* (Chicago: University of Chicago Press, 2020), 2pp. Forthcoming in *Ambix*.

Review of Michael Stolberg. *Uroscopy in Early Modern Europe*. Translated by Logan Kennedy and Leonhard Unglaub. (The History of Medicine in Context.) Farnham: Ashgate, 2015. In *Isis*, Vol. 108. No. 4. (December 2017): 892-893.

Review of Mari Pia Donato, *Sudden Death: Medicine and Religion in Eighteenth-Century Rome*. Trans. Valentina Mazzei. The History of Medicine in Context. Surrey: Ashgate, 2014. In *Early Science and Medicine*. 21:1 (2016): 100-102.

Review of Ohad Nachtomy and Justin E. H. Smith, eds. *The Life Sciences in Early Modern Philosophy*. Oxford University Press. 2014, in *Isis*, Vol. 106, No. 2 (June 2015): 438-439.

Review of Ian Miller, *A History of the Modern Stomach: Gastric Illness, Medicine, and British Society, 1800-1950*. Pickering and Chatto: London and Brookfield, VT. 2011, in *Ambix*, Vol. 60, No. 4 (Nov. 2013): 419-420.

Essay review of Marieke Maria Anna Hendriksen, *Aesthesis in Anatomy: Materiality and Elegance in the Eighteenth-Century Leiden Anatomical Collections*, Ph.D. Diss., Leiden, in *Dissertation Reviews*, Nov. 6, 2013.

## INVITED LECTURES AND ADDRESSES

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- “Analysis and Synthesis in Early Modern Academic Medicine,” Rigor Conference and Workshop, Indiana University Bloomington, February 11-12, 2023, organized by William R. Newman and Jutta Schickore.
- “Knowing Diseases and Medicines Forwards and Backwards: Analysis and Synthesis in Early Modern Academic Medicine,” invited paper for Rigor: Analysis and Synthesis in Historical and Systematic Perspectives, **Indiana University** Bloomington, September 30, 2021, organized by William R. Newman and Jutta Schickore.
- “Clinical-Anatomical Medicine Before the Paris Hospital Medicine?” invited lecture for the **Cedars-Sinai Medical Center**, Los Angeles, CA, May 14, 2021, organized by Gideon Manning.
- “Medicine, Religion, and Therapies for Diseases of the Soul,” in “Reforming Medicine” conference, **Max Planck Institute for the History of Science**, Berlin, December 21, 2020, organized by Julia Reed.
- “Remaking the World: Experiment, Ambition, and the Goods of Knowing Nature in Early Modern Europe,” *invited paper and roundtable discussion*, **Notre Dame Institute for Advanced Study**, University of Notre Dame, February 11, 2020.
- “How Should We Think Historically About the Rise of Experimental Science?” History and Philosophy of Science and Medicine conference, “Continuity, Improvement, and Innovation in Experimental Methodology,” **Indiana University** Bloomington, October 31, 2019, organized by Jutta Schickore.
- “Remaking the World: Experiment, Ambition, and the Goods of Knowing Nature in Early Modern Europe,” *invited paper and round table discussion*, History of Science and Technology colloquium series, **Johns Hopkins University**, Baltimore, February 28, 2019, organized by Joris Mercelis.
- “The Medical Origins of Experimental Science? Professors, Students, and the Cultivation of Experiment at Universities in Padua and Leiden,” *invited lecture*, History of Science, Technology, and Medicine, **University of Minnesota**, Minneapolis, September 14, 2018, organized by Jole Shackelford.
- “Taking the Long View with a Close Focus: Tracing Some Threads in the Complex History of the Rise of Experiment,” and “Rules for a Game of Student Analysis of the Galileo Affair,” *invited talk*, **Indiana University** Bloomington, May 4, 2018, organized by Hall Bjornstad.
- “The Contested Ingenuities of Brains and Hard Work in Seventeenth-Century Leiden Anatomy (and Chymistry),” *invited paper*, “Ingenuity in the Making: Materials and Technique in Early Modern Europe,” May 11, 2017, **University of Cambridge, UK**, organized by Richard Oosterhoff and Jose Ramón Marcaida with Alexander Marr, Raphaële Garrod, and Tim Chesters.
- “Experimenting with Medicine in Early Modern European Science,” *keynote lecture*, **Bielefeld University; Bielefeld, Germany**, Notre Dame/Bielefeld Exchange Workshop, May 28, 2016.
- “Experimenting with Medicine in Early Modern European Science,” *invited talk*, **Notre Dame Institute for Advanced Study**, October 27, 2015.
- “Trying Drugs, Trying Work,” *invited paper*, **Max Planck Institute for the History of Science** workshop, “Testing Drugs and Trying Cures in the Early Modern World,” **Berlin**, June 27-28, 2014, organized by Elaine Leong and Alisha Rankin.
- “Chymistry and Temperance: Calming the Passions of the Chymical Person in the Low Countries,” *invited paper*, “Testimonies: States of Mind and States of Body in the Early Modern Period,” **Caltech**,

May 9-10, 2014, organized by Mordechai Feingold and Lisa Jardine.

“Making Trials in Early Modern Medicine,” *invited paper*, “Experiments and the Arts of Discovery in Early Modern Europe” international conference, **Bucharest**, Romania, May 12-14, 2013, organized by Dana Jalobeanu and Cesare Pastorino.

“Making Trials in Early Modern Medicine,” *invited paper*, Early Modern Connections Between Philosophy and Medicine workshop, **University of Pittsburgh**, May 27, 2011.

“Medicine on More Level Foundations’: Evidence and Taste, Qualities and Reason” *invited paper*, “The Temper of Evidence” Mellon Foundation conference, **Caltech**, May 29, 2010, organized by Mordechai Feingold.

“Senses of Chymistry in the Low Countries in the Seventeenth Century: The Case of Franciscus Sylvius,” *invited talk*, **Chemical Heritage Foundation**, November 3, 2009.

“Taste and Knowledge in Chymical Medicine in the Mid-Seventeenth Century,” *invited paper*, Radcliffe Institute for Advanced Study, **Harvard University**, organized by Koen Vermeir, May 18, 2009.

“Experimental Reports, Controversy, and Genres,” **Indiana University** Department of History and Philosophy of Science workshop, “Methods Talk in the Life Sciences,” organized by Jutta Schickore, March 28, 2009.

“Empiricism in Practice: Knowledge from the Senses and Experiment in mid-17th century Medicine,” *invited talk*, **Leiden University**, organized by Eric Schliesser, October 31, 2008.

## GRANTS AND SPONSORED PROGRAMS

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| Book Subvention, Institute for Scholarship in the Liberal Arts, Notre Dame | 2021 |
| Large Arts/Humanities Research Grant, ISLA, University of Notre Dame, PI   | 2016 |
| New Faculty Research Grant, University of Alabama in Huntsville, PI        | 2014 |
| Humanities Center Research Grant, University of Alabama in Huntsville, PI  | 2014 |

## MASTER’S THESES DIRECTED

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|---|------|
| Joshua Riddle, “Philosophizing about God and Nature,” University of Alabama in Huntsville | 2016 |
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## DOCTORAL DISSERTATIONS DIRECTED

Samuel Paek, “Medicine, Religion, and Cultural Authority in Early Modern England,” University of Notre Dame, in progress.

## REFEREED CONFERENCE PAPERS

“Experimental, Chymical, Clinical Medicine at Seventeenth-Century Leiden,” presenter and session organizer, **History of Science Society** annual meeting, Atlanta, November 3, 2016.

“Commerce, Chymistry, and Science in the Early Modern Low Countries,” session organizer with Daniel Margócsy, **Renaissance Society of America** annual meeting, Berlin, March 26-28, 2015.

“Making Trials in the Historiography of Experiment,” **History of Science Society** annual meeting, Chicago, November 6-9, 2014.

“Chymistry and Life in the Work of Franciscus Dele Boë Sylvius,” **History of Science Society** annual meeting, Boston, November 21-21, 2013 (*session organizer*).

“A Mutual Divide: Experimental Anatomists vs. Speculative Cartesians in Seventeenth-century Dutch Medicine,” **HSS/BSHS/CSHPS 3-Society Meeting**, Philadelphia, PA, July 14, 2012.

“Periculum facere: Making Trials in Early Modern Medicine,” **Renaissance Society of America** Annual Meeting, Montreal, March 24, 2011 (*session organizer*).

“The New Chymical Medicine of Franciscus Sylvius,” **History of Science Society** Annual Meeting, Montreal, November 5, 2010.

## TEACHING EXPERIENCE

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### University of Notre Dame:

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| Honors Seminar: Knowing the Cosmos and Living in It                                | fall 2023   |
| Science and Religion in History  | spring 2023 |
| History of the Medical Sciences  | spring 2023 |
| Science and Religion in History  | fall 2022   |
| Problems in the History of Health and Medicine (grad)                              | fall 2022   |
| History of the Medical Sciences  | spring 2022 |
| Science and Religion in History  | spring 2022 |
| History of Science, Technology, and Medicine to 1750 (grad)                        | fall 2021   |
| History of Science 1: Antiquity to Newton  | fall 2021   |
| History of the Medical Sciences  | spring 2021 |
| Science and Religion in History  | spring 2021 |
| History Workshop   | fall 2020   |
| Experience and Experiment in Medieval and Early Modern Science and Medicine (grad) | fall 2020   |
| History of Science, Technology, and Medicine since 1750 (grad)                     | spring 2019 |
| History of Modern Science  | spring 2019 |
| History of the Medical Sciences  | fall 2018   |
| History Workshop   | fall 2018   |
| History of Modern Science  | spring 2017 |
| History Workshop   | spring 2017 |
| History of Science 1: Antiquity to Newton  | fall 2016   |
| History Workshop   | fall 2016   |
| Experience and Experiment in Medieval and Early Modern Science and Medicine (grad) | spring 2016 |
| Science and Religion in History (University Seminar)                               | spring 2016 |
| Science and Religion in History (University Seminar)                               | fall 2015   |

### University of Alabama in Huntsville:

World History to 1500 (16 times)  
 Latin 305: St. Augustine's *Confessions*  
 High and Low: Studies in Early Modern Europe, master's students  
 History of Science 1: Ancient Science to Newton (2 times)  
 Latin 201 (2 times)  
 Latin 305  
 The Renaissance and the Reformation  
 Historical Methods  
 History of Science and Medicine, master's students  
 History of Science and Religion  
 History of Science 2: Copernicus to Open Science

Indiana University, Bloomington:

Associate Instructor (sole instructor), History of Science and Religion (2 times)  
 Associate Instructor (sole instructor), Scientific Revolutions (2 times)

## PUBLIC LECTURES

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| "Leonardo: Bodies and Machines," U.S. Space and Rocket Center, Huntsville, AL;             | Jan. 30, 2014 |
| "Making Trials in Sixteenth-Century Medicine," Phi Alpha Theta Faculty Lecture Series, UAH | 2013          |
| "The Alchemy of Light and Affinities of Life," UAH Chemistry Department Lecture Series     | 2012          |

## SERVICE TO THE UNIVERSITY OF NOTRE DAME

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| Health, Humanities, and Society Steering Committee Member                        | 2020-2021            |
| Comprehensive Exams Committee Member, Eugenia Torrance, Theology                 | 2022                 |
| Comprehensive Exams Committee Member, Katherine Wu, Theology                     | 2022                 |
| Dissertation Committee Member, Tomás Valle, Department of History                | 2019-present         |
| Dissertation Committee Member, Hannah Stevenson, Department of History           | 2020-present         |
| Sorin Seminar Participant  | 2018                 |
| Senior Thesis Advisor, Department of History, for Kailee Madden                  | 2018-2019            |
| Highbarger Dissertation Prize Committee, Department of History                   | 2018                 |
| Shannon Prize Book Referee, Nanovic Institute                                    | 2018                 |
| Website Organization Committee, Department of History                            | 2017-2018, 2021-2022 |
| Dissertation Committee Member, Arnaud Zimmern, English                           | 2017-2020            |
| Dissertation Committee Member, Janice Gunther Martin, History                    | 2015-                |
| Dissertation Committee Member, Sarah Naramore, History and Philosophy of Science | 2015-2018            |
| Dissertation Committee Member, Erica Machulak, English                           | 2016-2017            |
| Senior Thesis Advisor, Department of History, for Morgan Williams                | 2017-2018            |

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| Senior Thesis Advisor, Department of History, for Thomas Davis<br>(Davis thesis published in Notre Dame's <i>Journal of Undergraduate Research</i> , Vol. 1, Issue 13 (2017-2018), pp. 86-126.) | 2016-2017                   |
| Intellectual Life Committee Member, Department of History   | 2015-2016, 2020             |
| Undergraduate Committee Member, Department of History   | 2016-2017                   |
| Steering Committee Member, History and Philosophy of Science Program  | 2016-2017, 2018-2022        |
| Graduate Admissions Committee Member, HPS Program   | 2015-2017, 2019, 2021, 2022 |

## SERVICE TO THE PROFESSION

Article Referee for

*Journal of the History of Ideas*  
*The British Journal for the History of Science*  
*History of Science*  
*Galileana*  
*History and Philosophy of the Life Sciences*  
*Early Science and Medicine*  
*Journal of the History of Medicine and Allied Sciences*  
*Journal of Early Modern Studies*  
*Annals of Science*

Monograph referee for University of Chicago Press

Monograph referee for Routledge

Fellowship Referee for the Science History Institute (formerly the Chemical Heritage Foundation) and the *Institute for Research in the Humanities*, University of Bucharest

Textbook reviewer for Oxford University Press

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| Credited consultant, museum exhibition, "The Alchemical Quest,"<br>Chemical Heritage Foundation | July-December 2013 |
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| Editorial Assistant, "The Chymistry of Issac Newton" | 2006-2009 |
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## SERVICE TO THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

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| Honors College Dean Search Committee member, UAH                         | 2013-2014        |
| Honors Council member, UAH   | August 2013-2015 |
| Job Search Committee member, Department of History, UAH                  | 2012, 2013       |
| Job Search Committee member, Department of Sociology, UAH                | 2012             |
| Phi Alpha Theta adviser, University of Alabama in Huntsville             | 2012-2015        |
| Departmental web site administrator, University of Alabama in Huntsville | 2011-2015        |

## PROFESSIONAL MEMBERSHIPS



History of Science Society (2004-present)

Renaissance Society of America (2010-present)

Society for the History of Alchemy and Chemistry (2011-present)

American Association for the History of Medicine (2012-present)