

# ZVI BIENER-CV

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## ACADEMIC & PROFESSIONAL APPOINTMENTS

2023-2025     President, *International Society for the History and Philosophy of Science*  
2021-2023     Vice-President and President-Elect, *International Society for the History and Philosophy of Science*  
2020-2026     Editor-in-Chief, *PhilSci-Archive*  
2017–          Associate Professor of Philosophy, University of Cincinnati  
2017–          Affiliate Faculty Judaic Studies and History Departments, and  
                    Center for Public Engagement with Science, University of Cincinnati  
2011–2017     Assistant Professor of Philosophy, University of Cincinnati  
2008–2011     Assistant Professor of Philosophy, Western Michigan University  
2007–2008     Lecturer, Western Michigan University

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## EDUCATION

2008          Ph.D. History and Philosophy of Science, University of Pittsburgh  
2005          M.A. Philosophy, University of Pittsburgh  
1995          B.A. Philosophy, B.A. Physics, Rutgers University

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## ARTICLES (\*' DENOTES BLIND REVIEW)

*Forthcoming*     “Working Hypothesis, Mathematical Representation, and the Logic of Theory Mediation in Newton's *Principia*.” With Mary Domki, in Chris Smeenk and Marius Stan (eds.), *Theory, Evidence, Data: the Philosophical Legacy of George E. Smith*. Springer, Boston Studies in the Philosophy and History of Science.  
                    “Newton's *Regulae Philosophandi*,” in Chris Smeenk and Eric Schliesser (eds.), *The Oxford Handbook of Isaac Newton*. Oxford University Press.  
                    Published online (2018) at doi: 10.1093/oxfordhb/9780199930418.013.4  
2022          “Mechanics in Newton's Wake” with Brian Hepburn, in Dana Jalobeanu and David M. Miller (eds.) *The Cambridge History of Philosophy of the Scientific Revolution*, Cambridge, Cambridge University Press, 293-312.

- "Newtonianism: An Introduction," for *Encyclopedia of Early Modern Philosophy and the Sciences*, edited by Dana Jalobeanu and Charles T. Wolfe. Springer.
- 2021 \* "Divergence of Values and Goals in Participatory Research." with Dunlap L, Corris A, Jacquart M, Biener Z, Potochnik A. *Studies in History and Philosophy of Science*. 14 (88): 284-291. doi: 10.1016/j.shpsa.2021.06.015.
- 2020 \* "Definitions *more Geometrarum* and Newton's Scholium on Space and Time." *Studies in History and Philosophy of Science* 72 (2): 179-191. doi: 10.1016/j.shpsb.2020.05.005
- 2017 \* "De Gravitatione Reconsidered: The Changing Significance of Experimental Evidence for Newton's Metaphysics of Space." *The Journal of the History of Philosophy* 55 (4): 583–608. doi: 10.1353/hph.2017.0067.
- \* "The Certainty, Modality, and Grounding of Newton's Laws." With Eric Schliesser. *The Monist* 100 (3): 311–325. Special issue on "Laws of Nature," edited by Angela Breitenbach and Michela Massimi. doi: 10.1093/monist/onx012.
- \* "From Kepler to Gibson." With Raja Galian, Vicente and Tony Chemero. *Ecological Psychology* 29 (2): 146-160. doi: 10.1080/10407413.2017.1297186.
- "Introduction." With Adams, M., Feest, U., and Sullivan J. In *Oppur si Mouve: Doing History and Philosophy of Science with Peter Machamer*. Springer.
- 2016 \* "Newton and the Ideal of Exegetical Success." *Studies in History and Philosophy of Science, Part A* 60: 82-87. doi: 10.1016/j.shpsa.2016.07.001
- \* "Hobbes on the Order of Sciences: A Programmatic Defense of the Mathematization Thesis." *The Southern Journal of Philosophy* 54 (3): 312–332. doi: 10.1111/sjp.12175
- "Issac Newton (1642–1727)." *Routledge Encyclopedia of Philosophy*. Routledge. doi:10.4324/9780415249126-Q075-2
- 2014 "Introduction." With Eric Schliesser. in *Newton & Empiricism*. Oxford University Press, p. 1-15.
- 2012 \* "Cotes's Queries: Newton's Empiricism and Conceptions of Matter." With Chris Smeenk. In Janiak, Andrew and Schliesser, Eric (eds.), *Interpreting Newton*, Cambridge University Press, 103-137.
- 2004 \* "Galileo's First New Science: The Science of Matter," *Perspectives on Science* 12 (3): 262-287. doi: 10.1162/1063614042795462
- \* "Pendulums, Pedagogy, and Matter: Lessons from the editing of Newton's *Principia*." With Chris Smeenk. *Science & Education* 13 (4-5): 309-320. doi: 10.1023/B:SCED.0000041825.12956.35
- Reprinted in Matthews, M.R., Gauld, C.F. & Stinner, A. (eds.) (2005). *The Pendulum: Scientific, Historical, Philosophical and Educational Perspectives*, Springer, Dordrecht, 127-138. doi: 10.1007/1-4020-3526-8
- "Physics." With Peter Machamer. in *Europe 1450 to 1789: Encyclopedia of the Early Modern World*, ed. Jonathan Dewald. New York: Charles Scribner's Sons, Vol 4: 467-473.

- 2003 “Review of I. B. Cohen and George Smith (eds.) *The Cambridge Companions to Newton*.” With Chris Smeenk. In Gary Gutting (ed.) *Notre Dame Philosophical Reviews*.

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## UNPUBLISHED

“On The Integration of Mathematical and Physical Considerations in Aristotle's Subordinate Sciences.”

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## EDITED BOOKS AND COLLECTIONS

- 2020 “Newtonianism” section (~60K words), *Encyclopedia of Early Modern Philosophy and the Sciences*, edited by Dana Jalobeanu and Charles T. Wolfe. Springer.
- 2017 *Oppur Si Muove: Doing History and Philosophy of Science with Peter Machamer*, Springer, with Marcus Adams, Uljana Feest. U., and Jacqueline Sullivan.
- 2014 *Newton and Empiricism*, Oxford University Press, with Eric Schliesser.

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## SELECTED PRESENTATIONS (\*' DENOTES INVITED TALK)

- 2023 \* “Isaac Newton and the Early Historiography of Mechanics.” *The Mechanization of Nature 1300-1700 Conference*. University of Stockholm, Sweden.
- \* “How Worry about Light Created Modern Physics.” *Light and life: From basic science to human wellbeing, art and, architecture*. University of Cincinnati.
- 2021 “Fitter, Stronger, More General: The Multiple Aspirations of Newtonian Induction.” *Philosophy of Science Association 2020 Meeting*. Baltimore.
- 2020 “The Multiple Aspirations of Newtonian Induction.” *HOPOS 2020*. Cancelled due to COVID.
- \* Panel discussant for University of Cincinnati's Data-Day.
- 2019 “AI, Skill, and Human Identity.” *AI and the Future of (No) Work Colloquium and Talk Competition*. University of Cincinnati. (Winner of 1st prize).
- 2018 “Newton, Huygens, and the Non-Problematic Status of Induction in the *Principia*.” *Philosophy of Science Association Meeting*. Seattle. Poster Session.
- \* “When Physics Met Astronomy.” *Cincinnati Observatory*.
- \* “Post-Newtonian Mechanical Philosophy.” *Revolutions in the History of Early Modern Philosophy and Science Conference*. University of Iowa. Co-authored with Brian Hepburn.
- “A Deflationary Account of Newton's Rule 3.” *HOPOS 2018*. Groningen.

“A Deflationary Account of Newton’s Rule 3: It’s A Rebuke of Huygens and a Defense of Simple Induction.” Accepted to the Atlantic Canada Seminar, but could not attend.

“Newton, Huygnes, and the Non-Problematic Status of Induction in the *Principia*.” &HPS7, *Leibniz Universität Hannover*.

“A Deflationary Account of Newton’s Rule 3: It’s A Rebuke of Huygens and a Defense of Simple Induction.” *Early Modern—Saint Louis (EM-STL)*. St. Louis.

\* “The Changing Range of Geometrical Definition in Newton’s Metaphysics of Space.” Southwest Philosophy Workshop. *University of New Mexico*.

2017 “The Global, Local and Universal: Tensions of Scale in Newtonian Natural Philosophy (1687-1720).” *The 25th International Congress of History of Science and Technology, Rio de Janeiro*.

“Newton on Absolute Space and Geometrical Definitions.” *British Society for Philosophy of Science, University of Edinburgh*.

\* “Newton on Geometrical Definitions.” *Conference on the Occasion of the 50th Anniversary of Howard Stein’s “Newtonian Spacetime.”* University of Chicago.

\* “Newton on Geometrical Definitions.” UC Irvine, Department of Logic and Philosophy of Science.

“*De Gravitatione* Reconsidered: The Changing Role of Geometrical Definitions in Newton’s Metaphysics of Space.” *New York City Workshop in Early Modern Philosophy*. New York.

2016 \* Invited workshop participation. *Pittsburgh-Princeton Descartes Day III*.

\* “Erasing Hooke from the History of Mechanics,” *Colloquium in Honor of the 350<sup>th</sup> anniversary of Robert Hooke’s Micrographia*, University of Wisconsin-Madison.

\* “Seeing with the Eyes and ‘Seeing’ with Math,” Department of History of Science, University of Wisconsin-Madison.

2015 \* “Organizing the Disciplines,” *Taft Research Symposium*, University of Cincinnati.

\* “Was Newton’s Commitment to Absolute Space Relevant for Physics?” Ohio State University.

2014 “Newton and Galileo (and Hooke),” *The Philosophy of Science Association Bi-Annual Meeting*, Chicago.

\* “The Galilean Tradition and Newtonian Mechanics,” *Boston Colloquium for Philosophy of Science*, Center for Philosophy & History of Science, Boston University.

“Newton on the Physiology of Perception,” *48th Annual Western Michigan University Medical Humanities Conference*, Western Michigan University.

“Substance & Property, System & Relation: Metaphysical Orthodoxy in Newton’s Rational Mechanics,” *The History of Philosophy of Science Bi-Annual Conference (HOPOS)*, Ghent, Belgium.

\* “Galileo on the Limits of Human Understanding,” Hendrix College.

- 2012

\* “When is something a *thing*? A puzzle about Newton, substance, and space,” East Tennessee State University.
- 2012

\* “‘We Cannot Say All of Nature is Not Alive’: A Physiological Context for Newton’s Search for Causes,” 49<sup>th</sup> Annual Cincinnati Philosophy Colloquium: The Life and Mathematical Sciences in Early Modernity, University of Cincinnati.
- 2011

\* “Galileo’s Scientific Engagement with Matter Theory (but Not the Matter Theory You Think),” *Experimental Knowledge and the Deep Structure of the World Conference*, Virginia Tech.
- 2010

“Hobbes on Geometry and the Structure of the Sciences,” *Galileo, Descartes, Hobbes: Philosophy and Science, Politics and Religion during the Scientific Revolution*, a National Endowment for the Humanities Summer Seminar led by Daniel Garber and Roger Ariew, Princeton University.
- 2009

“Cartesian Heterogenous Foundationalism,” *Oxford Seminar in Early Modern Philosophy*, University of Oxford.
- \* “The Classification of Sciences and Foundationalism,” *Universidade Estadual de Campinas*, Brazil.
- “Behind the Geometrical Method,” *Bucharest-Princeton Seminar in Early-Modern Philosophy*. Bran, Romania.
- \* Invited participation in *Mapping the History and Philosophy of Science*, a workshop sponsored by the National Science Foundation and the James S. McDonnell Foundation, Indiana University.
- “Two Dogmas About Newton and Space,” *Integrating History and Philosophy of Science Second Annual Conference*. University of Notre Dame.
- \* “Newton’s Empiricism and the Changing Metaphysics of Void,” *Lunchtime Talk Series*, Western Michigan University.
- 2008

“‘Other sorts of bodies and another sort of vacuum’ : Isaac Newton’s Missing Theory of the Void and the Scope of Experimental Philosophy,” *Bucharest-Princeton Seminar in Early-Modern Philosophy*, Mălâncrav, Romania.
- “Mixed-Mathematics as a Guide to Cartesian Foundationalism,” *The History of Philosophy of Science Bi-Annual Conference (HOPOS)*, Vancouver, Canada.

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## SELECTED NON-TRAVEL GRANTS, FELLOWSHIPS AND AWARDS

- 2023

Research Fellowship (2-semester), Charles Taft Research Center. University of Cincinnati.
- 2022

UC Forward Faculty Award for Transformational Experiential Learning, for PHIL 3095 “Dinosaurs, Dragon, and Dogma”, with Joshua Miller (Biology).  
College of Arts & Sciences college-wide nominee for university-wide Distinguished Teaching Professor award.

- 2021 R21 grant submitted to the National Instituted of Health, with Rebecca Lee (Nursing), Joshua Gross (Biology), and Mao-Bing Tu (Environmental Engineering). “An Interdisciplinary Approach to Loneliness in Older Adults.” Not funded.
- 2019 Co-PI, “An Interdisciplinary Approach to Loneliness in Older Adults”, Office of Research Competitive Start-up Funds, with Rebecca Lee (Nursing), Joshua Gross (Biology), and Mao-Bing Tu (Environmental Engineering). (\$120,000)  
University Honors Program Discover Undergraduate Research Mentor.
- 2018 Research Fellowship (1-semester), Charles Taft Center Faculty Release Fellowship.  
Selection for 2019-2020 Trans-Disciplinary Research Leadership Council: a year-long 5-person project for disciplinary innovation within UC.
- 2017 A&S Dean’s Award for Teaching Excellence, Runner-Up.
- 2016 University Research Council Summer Scholarship Grant.
- 2015 Third Century Faculty Research Fellowship (semester of research leave, salary equivalent).
- 2014 Research Fellowship (2-semester) , Charles Taft Research Center Fellow.
- 2013 Summer Research Fellowship, Charles Taft Research Center.  
Publication Costs Award, Charles Taft Research Center
- 2012 University Research Grant Program.  
Competitive Lecture Award in partial support of 49<sup>th</sup> Annual Cincinnati Philosophy Colloquium, Charles Taft Research Center.
- 2010 National Endowment for the Humanities Summer Fellow, Princeton University- July-August 2010, for *Galileo, Descartes, Hobbes: Philosophy and Science, Politics and Religion during the Scientific Revolution*, summer seminar led by Daniel Garber and Roger Ariew.  
Faculty Research and Creative Activities Award, Western Michigan University, for the construction of a visual database for the history of science and philosophy.  
International Education Faculty Development Fund Award, Western Michigan University.  
College of Arts and Sciences Teachings and Research Award, Western Michigan University.
- 2009 College of Arts and Sciences Teachings and Research Award, Western Michigan University.
- 2008 Support for Faculty Scholars Award, Western Michigan University.  
The International Education Faculty Development Fund Award, Western Michigan University.
- 2006 A. W. Mellon Pre-Doctoral Fellowship 2006-2007, University of Pittsburgh



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| 2004 | Foreign Language and Area Studies Fellowship 2004-2005, U.S. Department of Education  |
| 2003 | Foreign Language and Area Studies Fellowship 2003-2004, U. S. Department of Education |

## TEACHING

### Graduate Courses:

|               |  |              |
|---------------|--|--------------|
| Phil 7008     | Cartesian Classics                                   | 2011         |
| Phil 7009     | Hobbes   | 2013         |
| Phil 8019     | Newton   | 2013, 2020   |
| Phil 8019     | The Problem of Induction                             | 2020         |
| Phil 8031     | Mathematics, Reality, and Philosophy                 | 2015         |
| Phil 5980 WMU | Newton's "De Gravitatione"                           | 2010         |
| Phil 6100 WMU | Newtonianism and Empiricism                          | 2009         |
| Phil 6100 WMU | Descartes' <i>Meditations</i> and Natural Philosophy | 2009         |
| NCSI 7001     | Creativity in Science                                | 2021-22 (x2) |
| NCSI 7002     | Technology, Ethics, and Society                      | 2023         |

### Undergraduate:

|                     |   |              |
|---------------------|---|--------------|
| Phil 0102           | Moral and Political Ideas   | 2012         |
| Phil 0261           | Philosophy of the Physical Sciences   | 2011         |
| Phil 1032           | How Science Works   | 2012-22 (x8) |
| Phil 1070/Psyc 1070 | The Power of Big Data   | 2017         |
| Phil 2042           | Science, Magic, and the Occult  | 2017         |
| Phil 3023           | Philosophy, Science, and Society  | 2020-22 (x5) |
| Phil 3040           | Philosophy of Science   | 2016         |
| Phil 3062           | Rationalism   | 2012, 2017   |
| Phil 3063           | Empiricism  | 2016         |
| Plan 3090           | How Enlightenment Gave Us the Modern World (study-abroad chaperone, Honors) | 2014, 2016   |
| Phil 3093           | The Good Life - And How to Live It (Honors)                                 | 2017         |
| Phil 3094           | The Happiness of Pursuit (Honors)   | 2021         |
| Phil 3095           | Dinosaurs, Dragons, and Dogma (Honors)                                      | 2022         |
| Phil 3097           | Big Data, Bigger Questions (Honors)   | 2018, 2020   |
| Phil 2000           | Introduction to Philosophy  | 2009-11 (x3) |
| Phil 3010 WMU       | Modern Philosophy   | 2008-9 (x3)  |
| Phil 3250 WMU       | Scientific and Inductive Reasoning  | 2010 (x2)    |

|               |                                     |              |
|---------------|-------------------------------------|--------------|
| Phil 3500 WMU | Foundation of the Modern World View | 2008         |
| Phil 3550 WMU | Philosophy of Science               | 2008-11 (x6) |

### Other Teaching Activities

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|--|------------|
| Dissertation Committee Member (x4)   | 2017-      |
| Early Modern Qualifying exams author and examiner (x6)   | 2015-      |
| Pre-Dissertation Advisor (x2)  | 2017-2022  |
| Syllabus development for “Medicine and the Humanities,” a project supported by a College of Arts and Sciences’ Innovation Grant. The resulting course is titled “The History of Medicine and the Scientific Revolution.” |            |
| Teaching mentor for How Science Works  | 2023       |
| Teaching mentor for Introduction to Logic  | 2023       |
| Teaching mentor for Introduction to Philosophy   | 2015-2016  |
| Teaching mentor for World Philosophy   | 2017-2019  |
| Writing Academic Articles Workshop, Lead   | 2022       |
| Selected for “iPad Cohort” technology and teaching year-long CETL initiative.  | 2017       |
| Preparation for Job Market & Teaching Portfolio Workshops, Lead<br>2014-2021(x6)   |            |
| Dissertation Proposal Writing Seminar, Lead  | 2013, 2014 |
| CETL 6-week eLearning Institute for online course design, participant.<br>Resulted in Quality Matters ( <a href="http://www.qualitymatters.org">www.qualitymatters.org</a> ) course<br>with 97% score.                   | 2013       |

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### ADMINISTRATIVE SERVICE TO PROFESSION

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|---|-----------|
| President, <i>International Society for the History of Philosophy of Science</i>                          | 2023-2025 |
| Vice-President and President Elect, <i>International Society for the History of Philosophy of Science</i> | 2021-2023 |
| Editor-in-Chief, <i>PhilSci-Archive</i>   | 2020-2023 |
| Designer and administrator of HOPOS 2020 submission system  | 2019-2020 |
| Steering Committee, <i>HOPOS</i> (elected)  | 2015-2017 |
| Editorial Co-Chair, <i>PhilSci-Archive</i>  | 2013–2017 |
| Board Member, <i>PhilSci-Archive</i>  | 2008–2017 |
| Local Organizing Committee Chair, Ohio Philosophical Association  | 2017      |
| Author of major reconstruction of HOPOS website, front- and back-end                                      | 2018      |



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## ACADEMIC SERVICE TO PROFESSION

Book Referee (recurring): *Oxford University Press, Routledge, Minnesota Studies in the Philosophy of Science*

Journal Referee (recurring): *Philosophy of Science, Studies in History and Philosophy of Science, Erkenntnis, Synthese, Australasian Journal of Philosophy, HOPOS: The Journal of the International Society for the History of Philosophy of Science, Oxford Studies in Experimental Philosophy, Southern Journal of Philosophy, Perspectives on Science, Science and Education, Science & Politics.*

Symposium Organizer, *The Life and Mathematical Sciences in Early Modernity* 2012  
(Cincinnati)

Conference Organizer, *The Life and Mathematical Sciences in Early Modernity* 2012  
(Cincinnati)

Conference Organizer, *Newton and Empiricism*, with Eric Schliesser, 2010  
Center for the Philosophy of Science, University of Pittsburgh, Spring

Symposium Organizer, “Newton, Mechanics, and Mathematics” 2014  
*Philosophy of Science Association.*

Symposium Organizer, “Mechanics and its Philosophical Implications in the 2008  
Aristotelian Tradition,” with Andrea Falcon), *HOPOS*, June 2008.

Conference Referee: Southwest Seminar in Early-Modern Philosophy (x2), Newton and Empiricism.

Consultant on 2 films produced by Relativity Media (<https://relativitymedia.com>)

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## SERVICE TO UNIVERSITY

Ethics Bowl Judge 2023

Philosophy Head Search Committee 2022

Taft Fellowship Re-envisioning Committee 2020

Liaison to Canvas rollout 2019-2020

Board Member, Taft Research Center 2017-2020

University Research Council Graduate Fellowship Review Committee 2015-2017

Member, A&S Instructional Innovation Advisory Council 2015, 2016

Taft Research Travel Support Committee (Chair) 2016-2017

Authored UC resources for Common Reading on Michael Sandel’s *Justice* 2012-2013

Honor’s College Panelist for Honors Courses Workshop 2017- (x4)

Led university-wide faculty workshop in preparation for *Justice* 2013

Taft Center Research Support Committee 2012-2014

University Research Council Fellowship Review Committee 2013, 2017

|   |           |
|---|-----------|
| Course Grade and Program Dismissal Appeal Committee (WMU) | 2007-2011 |
| Arts & Science Academic Integrity Committee (WMU)         | 2008-2011 |
| Department library liaison (WMU)                          | 2010-2011 |
| AAUP representative (WMU)                                 | 2009-2011 |

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## SERVICE TO DEPARTMENT

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| Diversity, Inclusion, and Wellness Committee   | 2020-2022          |
| Graduate Studies Committee   | 2013-14<br>2019-23 |
| Graduate Professionalization Series (PDP), Speaker   | 2021-23 (x3)       |
| Chair, Workload Committee  | 2021-22            |
| Dean's Information Technology Advisory Committee   | 2017- 2020         |
| Chair, Head's Review Committee   | 2021               |
| Workload Committee   | 2021               |
| Pre-dissertation advisor   | 2020-2021          |
| Workshop on online teaching for graduate students  | Aug 2020           |
| Proctor Scholarship Award Committee  | 2020               |
| Pre-dissertation advisor   | 2017-2018          |
| Organized and ran Works-In-Progress talk series  | 2013-2014          |
| A&S Information Technology Philosophy Department Liaison   | 2011- present      |
| Departmental Library Liaison   | 2012- present      |
| RPT guidelines revisions committee   | 2012-2017          |
| Undergraduate Studies Committee<br>2017  | 2012-2013,         |
| Director of Graduate Admissions (WMU)  | 2008-2011          |
| Author of 83-page academic program 10-year review and plan,<br>the result of a year-long process of information gathering and analysis,<br>external review, and long-term trajectory planning. (WMU) | 2008-2009          |
| Webmaster, coding, administration, upkeep, a major reconstruction<br>of website backend. (WMU)   | 2007-2011          |
| Job Search Committee (WMU)   | 2008               |
| Undergraduate Advisor (WMU)  | 2007-2009          |

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## PROFESSIONAL DEVELOPMENT

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| NEH and NIH Grant Writing Seminar, sponsored by VP of research and Taft Research Center, October 10-11  | 2019      |
| Team Science Basics Workshop, sponsored by VP of research, May 5  | 2018      |
| Transdisciplinary Research Leadership Program (including weekly meetings)   | 2018-2019 |
| Participant in Team Science Basics Workshop, sponsored by VP of research  | 2018      |
| Participant in UC Libraries Humanities and Technology Camp  | 2017      |
| Participant in UC Data Day  | 2017      |
| Participant in Center for Enhancement of Teaching and Learning 6-week eLearning Institute for online course design. Resulted in Quality Matters ( <a href="http://www.qualitymatters.org">www.qualitymatters.org</a> ) compliant course | 2013      |
| Participant in Center for Enhancement of Teaching and Learning Year-Long New Faculty Research and Publication Workshop  | 2011-2012 |

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## LANGUAGES

Research and Instruction: English, Hebrew.

Research: Latin, French, Italian.

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## BUSINESS EXPERIENCE

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|---|-------------|
| Head, Network Operations & Customer Service Departments, <i>Graphnet</i> (Overseeing employees in Teaneck, NJ; New York, NY; London, UK; Tel Aviv, Israel; Hong Kong, China). <i>Graphnet</i> is a provider of cloud-based Enterprise Content Management and Messaging solutions. | 2001        |
| Manager, Network Operations, <i>Graphnet</i> . (Overseeing employees in Teaneck, NJ; New York, NY; London, UK; Tel Aviv, Israel; Hong Kong, China)  | 2000–2001   |
| Network Engineer, <i>Graphnet</i>   | 1999 – 2000 |
| Customer Service Representative, <i>Graphnet</i>  | 1997 – 1999 |