

ZVI BIENER

Associate Professor
Department of Philosophy
University of Cincinnati

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ACADEMIC EXPERTISE

Specializations: History and Philosophy of Science of the 17th Century, Newton & Newtonianism.

Competencies: Aristotle & Scholastic-Aristotelianism, Philosophy of Physics, History of Modern Science.

ACADEMIC & PROFESSIONAL APPOINTMENTS

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| 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, <i>PhilSci-Archive</i> |
| 2017– | Associate Professor of Philosophy, University of Cincinnati |
| 2017– | Affiliate Faculty Judaic Studies, 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 |

EDUCATION

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| 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 |

BOOKS AND EDITED COLLECTIONS

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

ARTICLES AND CHAPTERS ('*' DENOTES BLIND REVIEW)

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| <i>Forthcoming</i> | “Working Hypothesis, Mathematical Representation, and the Logic of Theory Mediation in Newton's <i>Principia</i> .” With Mary Domki, in Chris Smeenk and Marius Stan (eds.), |
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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. Special issue: "Values and Pluralism in the Environmental Sciences," Zachary Piso and Viorel Paslaru (Eds.). 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*.

WORKS IN PROGRESS

"On The Integration of Mathematical and Physical Considerations in Aristotle's Subordinate Sciences." (Available upon request)

Isaac Newton: Philosophical Outsider. (Book project in the writing stage)

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, Huygens, 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 350th 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.
- * “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,” 49th 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.
- 2007 * “The Limits of Evidential Reasoning in Newton’s Argument for Universal Gravitation”. With Chris Smeenk. *Newton and/as Philosophy Conference*. University of Leiden.
- 2005 “How to Start a Revolution by Attending a University - The Importance of the Early-Modern Educational System for the Scientific Revolution.” *The Center for West European Studies*. Pittsburgh.

GRANTS, FELLOWSHIPS AND AWARDS (TRAVEL & SMALL AWARDS OMITTED)

- 2023 Research Fellowship, “Avoidance as an Intellectual Strategy: Isaac Newton” (for AY23-24), 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, “The Changing Role of Geometrical Definition in Newton’s Physics and Philosophy” (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.

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| 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, "Organizing the Disciplines" (for AY14-15) , 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 th Annual Cincinnati Philosophy Colloquium, Charles Taft Research Center. |
| 2010 | National Endowment for the Humanities Summer Fellow, Princeton University-July-August 2010, for <i>Galileo, Descartes, Hobbes: Philosophy and Science, Politics and Religion during the Scientific Revolution</i> , 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. |
| 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 AND ADVISING

Graduate Courses:

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| 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:

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| 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) |

PhD Committees

Collin Lucken: "Engineering Progress in Science"

Tim Elmo Feiten: "Jakob von Uexküll's Concept of Umwelt as an Account of the Mental"

Mel Andrews: "On the Uses & Abuses of Machine Learning & Other Mathematical Modelling Strategies"

Matt Willis: "Why Fallibilism Cannot Save Us: An Expansion of the Epistemic Regress Problem"

Mentorship

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| Pre-Dissertation Advisor (x2) | 2017-2022 |
| 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 |
| UHP Discover Summer Mentor: | |
| Benedict Leonardi, "Text Mining on Historical Sources" | 2022 |
| Sydney Olszewski, "Loneliness in Older Adults" | 2019 |
| Sarah Penne, "Loneliness in Personalized Medicine" | 2019 |
| Hoang, Vu Quang, "Topic Modeling" | 2019 |

Exams, Workshops, Misc

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| Early Modern Qualifying exams author and examiner (x6) | 2015- |
| 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." | 2022 |

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| Writing Academic Articles Workshop, Lead Presenter | 2022 |
| Selected for “iPad Cohort” technology and teaching year-long CETL initiative. | 2017 |
| Preparation for Job Market & Teaching Portfolio Workshops, Lead Presenter | 2014-2021(x6) |
| Dissertation Proposal Writing Seminar, Lead | 2013, 2014 |
| CETL 6-week eLearning Institute for online course design, participant. | 2013 |
| Resulted in Quality Matters (www.qualitymatters.org) course with 97% score. | |

ADMINISTRATIVE SERVICE TO PROFESSION

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| President, International Society for the History of Philosophy of Science | 2023-2025 |
| Vice-President and President Elect, International Society for the History of Philosophy of Science | 2021-2023 |
| Editor-in-Chief, <i>PhilSci-Archive</i> | 2020-2023 |
| Designer and administrator of HOPOS 2020 submission system | 2019-2020 |
| Steering Committee, HOPOS (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 |

ACADEMIC SERVICE TO PROFESSION

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| 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. | |
| Conference Co-Organizer (Submission, Review, and Programming Platform), HOPOS, Singapore and Hong Kong | 2020 |
| Conference Organizer, The Life and Mathematical Sciences in Early Modernity (Cincinnati) | 2012 |
| Conference Organizer, <i>Newton and Empiricism</i> , with Eric Schliesser, Center for the Philosophy of Science, University of Pittsburgh. | 2010 |
| Symposium Organizer, “Newton, Mechanics, and Mathematics” <i>Philosophy of Science Association</i> . | 2014 |
| Symposium Organizer, “Mechanics and its Philosophical Implications in the Aristotelian Tradition,” with Andrea Falcon), HOPOS, June 2008. | 2008 |
| Conference Referee: Southwest Seminar in Early-Modern Philosophy (x2), <i>Newton and Empiricism</i> . | |
| Consultant on 2 films produced by Relativity Media (https://relativitymedia.com) | |

SERVICE TO UNIVERSITY

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| 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 <i>Justice</i> | 2012-2013 |
| Honor's College Panelist for Honors Courses Workshop | 2017- (x4) |
| Led university-wide faculty workshop in preparation for <i>Justice</i> | 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 |

SERVICE TO DEPARTMENT

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| Diversity, Inclusion, and Wellness Committee | 2020-2022 |
| Graduate Studies Committee | 2013-4, 2019-3 |
| 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 |
| Post-doc Search Committee | 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 | 2012-3, 2017 |
| Director of Graduate Admissions (WMU) | 2008-2011 |
| Author of 83-page academic program 10-year review and plan, the result of a year-long process of information gathering and analysis, external review, and long-term trajectory planning. (WMU) | 2008-2009 |
| Webmaster, coding, administration, upkeep, a major reconstruction of website backend. (WMU) | 2007-2011 |

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| Job Search Committee (WMU) | 2008 |
| Undergraduate Advisor (WMU) | 2007-2009 |

PROFESSIONAL DEVELOPMENT

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| NEH and NIH Grant Writing Seminar, sponsored by Office of Research and Taft Research Center, competitive selection process. | 2019 |
| Participant, Team Science Basics Workshop, sponsored by Office of Research | 2018 |
| Fellow, Transdisciplinary Research Leadership Program, sponsored by the Office of Research, competitive selection process. | 2018-2019 |
| Participant, UC Libraries Humanities and Technology Camp | 2017 |
| Invited Participant, UC Data Day | 2017 |
| Participant, Center for Enhancement of Teaching and Learning 6-week eLearning Institute for online course design. Resulted in Quality Matters (www.qualitymatters.org) compliant course, competitive selection process. | 2013 |
| Participant, Center for Enhancement of Teaching and Learning Year-Long New Faculty Research and Publication Workshop | 2011-2012 |

LANGUAGES

Research and Instruction: English, Hebrew.
Research: Latin, French, Italian.

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 |