

Department of Humanities and Cultural Studies  
University of South Florida, 4202 E. Fowler Ave, CPR 107  
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### **EMPLOYMENT**

2018-current: Senior Teaching Professor, Department of Humanities and Cultural Studies, University of South Florida, Tampa, FL, USA  
2013-2018: Teaching Professor, Department of Humanities and Cultural Studies, University of South Florida, Tampa, FL, USA  
2012 – 2013: Lecturer, Department of Philosophy and Humanities, East Tennessee State University, Johnson City, TN, USA

### **AREAS OF SPECIALIZATION**

Early Modern Philosophy; History and Philosophy of Science/Medicine

### **AREAS OF COMPETENCE**

Ancient Philosophy; Feminist Philosophy; Science Studies

### **EDUCATION**

**University of Pittsburgh**, Pittsburgh PA, USA  
*Ph.D.*, History and Philosophy of Science, July 2012  
Dissertation Title: *William Harvey, Soul Searcher: Teleology and Philosophical Anatomy*

*M.A.*, History and Philosophy of Science, June 2007.

*M.A.*, Philosophy, June 2011.

**Carleton College**, Northfield MN, USA  
*B.A.*, Philosophy, *Magna Cum Laude*, June 2004

### **HONORS and AWARDS**

2008: HPS Department Commendation for Graduate Teaching  
2009: FC Wood Grant, Philadelphia College of Physicians  
2009: Wesley Salmon Research Fund, University of Pittsburgh  
2017: Folger Shakespeare Library Fellowship  
2020: Fulbright Teaching and Research Award to Bulgaria

### **BOOKS**

1. Goldberg, Benjamin, Peter Distelzweig, and Evan Ragland (eds.) (2016). *Early Modern Medicine and Natural Philosophy*. Springer.
2. Deer Richardson, Linda (auth.) and Benjamin Goldberg (ed.) (2018). *Academic Theories of Generation in the Renaissance: The Contemporaries and Successors of Jean Fernel*. Springer.
3. Begley, Justin and Benjamin Goldberg (Forthcoming). *The Medical World of Margaret Cavendish: A Critical Edition of Pw V90*. Palgrave-MacMillan.

### **REFEREED ARTICLES AND CHAPTERS**

1. Goldberg, Benjamin (2013). "A Dark Business, full of shadows: Analogy and theology in William Harvey." *Studies in History and Philosophy of Biological and Biomedical Sciences* 44: 419–432.
2. Goldberg, Benjamin and Peter Distelzweig and Evan Ragland (2016). "Introduction." In: *Early Modern Medicine and Philosophy*, Springer.

3. Goldberg, Benjamin (2016). "William Harvey on Anatomy and Experience." *Perspectives on Science*, 24:3: 305-323.
4. Goldberg, Benjamin (2016). "The Problem of Obviousness." *S.Ph. Essays and Explorations Fall-Winter 2016*, <http://www.sphpress.com/obviousness>.
5. Goldberg, Benjamin (2017). "Underdetermination and Explanation in William Harvey's Rejection of Materialism," In: *Eppur si muove: Doing Philosophy of Science with Peter Machamer*, Eds. Marcus Adams, Zvi Biener, and Uljana Feest. Springer.
6. Goldberg, Benjamin (2017). "Epigenesis and the rationality of nature in William Harvey and Margaret Cavendish." *History and Philosophy of the Life Sciences*, 39: 8.
7. Goldberg, Benjamin (2018). "Preface: On the Study of Medicine and Philosophy in the Renaissance." In: *Academic Theories of Generation in the Renaissance: The Contemporaries and Successors of Jean Fernel*, Linda Deer Richardson (auth.) and Benjamin Goldberg (ed.). Springer: xi-xxiv.
8. Goldberg, Benjamin (2020). "Generation Theory." In: *Encyclopedia of Early Modern Philosophy and the Sciences*. Eds. Dana Jalobeanu and Charles Wolfe. Springer.
9. Goldberg, Benjamin, Justin Sytsma, and Kevin Reuter (*Forthcoming*). "A Brief History of Pain Concepts." In: *Advances in Experimental Philosophy of Medicine*. Eds. Andreas De Block and Kristien Hens. Bloomsbury Academic.
10. Goldberg, Benjamin (*Forthcoming*). "Jean Fernel and William Harvey on Seeds." In: *Analogies et modèles végétaux en médecine*. Eds. Sarah Carvallo and Arnaud Mace. Presses Universitaires de Franche-Comté.
11. Goldberg, Benjamin (*Forthcoming*). "Anatomy as a Science of Teleology: The Case of William Harvey," In: *Interpretations of Life in Heaven and Earth*. Ed. Hiro Hirai. Springer.

## REVIEWS

1. Goldberg, Benjamin (2011). "Review of Lisa T. Sarasohn, *The Natural Philosophy of Margaret Cavendish: Reason and Fancy During the Scientific Revolution* (Johns Hopkins, 2010)," *History of Philosophy of Science* 1(1), 169-172.
2. Goldberg, Benjamin and Charles Wolfe (2012). "Review of Luuc Kooijmans, *Death Defied: The Anatomy Lessons of Frederik Ruysch*, Translated by Diane Webb (Brill, 2011)," *History of Philosophy of Science*, 2(2).
3. Goldberg, Benjamin and Peter Machamer (2013). "Review of Marcelo Dascal and Victor D. Boantz, editors, *Controversies within the Scientific Revolution* (John Benjamins Publishing Company 2011)," *Isis* 104(2), 394-395.
4. Goldberg, Benjamin (2013). "Review of Stuart Peterfreund, *Turning Points in Natural Theology from Bacon to Darwin* (Palgrave Macmillan 2012), *Renaissance Quarterly* 66(2), 643-645.
5. Goldberg, Benjamin (2016). "Review of Marco Solinas, *From Aristotle's Teleology to Darwin's Genealogy: The Stamp of Inutility* (London: Palgrave Macmillan, 2015), *History of Philosophy of Science* 6.1: 174-177.
6. Goldberg, Benjamin (*Forthcoming*). "Review of Climate Technology, Gender, and Justice: The Standpoint of the Vulnerable (E-Book: Springer, 2019), *Hypatia Reviews Online*.

## INVITED LECTURES

1. "From Descartes to Voltaire." Invited lecture for: Introduction to Western Thought (Prof. Jeffery Kleiman), University of Wisconsin-Marshfield, November 10 2005
2. "Physicians and Philosophers." Invited lecture for: Modern Philosophy Seminar (Prof. Justin Sytsma), East Tennessee State University, March 16, 2011.
3. "When is the womb like the brain? William Harvey on Analogies." Invited lecture for: ETSU Modern Philosophy Colloquium, April 5, 2013.
4. "What is Disease?" Invited Lecture for: the Kingsport Alliance for Continued Learning, April 11, 2013.

5. "Lessons from the History of Medicine." Invited Lecture for: Resident Wellbeing Committee, Marshfield Clinic, September 24, 2015.
6. "Margaret Cavendish on Universal Medicine, Disease, and Natural Philosophy." Invited lecture for: Early Modern and Enlightenment HPS Seminar, Università Degli Studi di Torino, March 22, 2016.
7. "Underdetermination and Obviousness." Invited lecture for: Department of Philosophy Research Seminar, Durham University, October 20, 2016.
8. "Women's Work as Philosophy: Bathsua Makin, the Talbot Sisters, and Margaret Cavendish." Invited Lecture for: The Distinguished Lecturer Series, American University in Bulgaria, December 12, 2017.
9. "Margaret Cavendish's Medical Recipes: Medicine, Experience, and Natural Philosophy in Early Modern England." Invited Lecture for: Studies in Science and Technology Colloquium, University of Minnesota, Minneapolis, October 26, 2018.
10. "Margaret Cavendish and Household Science," Invited Lecture for: USF Philosophy Colloquium, USF, February 22, 2019.
11. "Artificial Intelligence, Moral Philosophy, and Medicine," Invited Lecture for: CVS Health Data Science Group, June 22, 2020.
12. "Artificial Intelligence and Philosophy," Invited Lecture for: AUBG Introduction to Philosophy (Phil 101), AUBG (virtually), November 11, 2020.

#### **PRESENTATIONS**

1. "Early Modern Reproductive Anatomy and the One-Sex Model: A Case Study of the work of Regnier de Graaf," Given at: The Joint Atlantic Seminar in the History of Biology (Johns Hopkins), March 24- March 25, 2006.
2. "Regnier de Graaf on the Generative Organs," Given at: Canadian Society for History and Philosophy of Science (York University, Canada), May 29- May 31, 2006.
3. "Regnier de Graaf's Work on Sexual Anatomy," Poster Presentation. Given at: Society for the Social History of Medicine Conference (University of Warwick, UK), June 28 – June 30, 2006
4. "The Power of God and the Power of Man: Regnier de Graaf and the Construction of Women's Bodies," Given at: the American Historical Association Annual Meeting (Atlanta, GA), January 4-7, 2007.
5. "Explanatory Language in Darwin's Origin," Given at: Understanding and Explanation: Ninth Annual Pitt/CMU Graduate Philosophy Conference (Carnegie Mellon University), March 24, 2007.
6. "Leibniz, Mechanisms, and Machines," Given at: Canadian Society for History and Philosophy of Science (University of British Columbia, Vancouver, Canada), June 3-5, 2008.
7. "*De Generatione* and the New Science," Given at: History of Science Society (Pittsburgh, PA), November 6-9, 2008.
8. "*Ex Naturae Declarabimus*: William Harvey and Natural Theology," Given at: History of Science Society (Phoenix, AZ), November 19-22, 2009.
9. "Generation as Disease, Generation as Idea: William Harvey on the Generation of Animals," Given at: More Too Funky Causation Seminar (Department of Philosophy and Moral Sciences, Ghent University, Belgium), February 23-24, 2011.
10. "What the Heck is the Regula Socratis?" Given at: Early Modern Philosophy Colloquium (East Tennessee State University), March 18, 2011.
11. "The Soul Unfolding," Given at: Early Modern Philosophy and Medicine Workshop (University of Pittsburgh), May 27, 2011.
12. "Experientia in William Harvey's Natural Philosophy," Given at: Reading Early Modern Studies Conference (University of Reading, UK), June 14, 2012.
13. "A Tale of Two Anatomies," Given at: Early Modern Medicine and Philosophy (University of Pittsburgh), November 3, 2012.

14. "Experiencing the Ends of Nature: William Harvey's Teleological Method," Given at: History of Science Society (San Diego, CA), November 16, 2012.
15. "Harvey, Humanism, and Eclectic Aristotelianism," Given at: Aristotelian Natural Philosophy in the Early Modern Period (Brussels, Belgium), May 24, 2013.
16. "On the Origins of Empirical Philosophy: From Humanism to Harvey," Given at: Renaissance Humanism (Groningen, Holland), June 15, 2013.
17. "Dignity, Natural Theology, and Epigenesis," Given at: History of Science Society (Boston), November 22, 2013.
18. "What can Qualitative Methods tell us about Quantitative Methods? Lessons from Historiography," Given at: Couch Stone Symposium (Saint Petersburg, FL), March 13, 2015.
19. "Underdetermination and Explanation in Historical Context," Given at: The History of Science and Contemporary Scientific Realism (Indianapolis, IN), February 20, 2016.
20. "William Harvey and Margaret Cavendish on the Generation of Animals: Materialist and Aristotelian Models of Explanation," Given at: The History and Philosophy of Science Biennial Meeting (Minneapolis, MN), June 22-25, 2016.
21. "Margaret Cavendish and Kitchen-Physic," Given at: The Renaissance Society of American Conference (New Orleans, LA), March 22-24, 2018.
22. "Severus Snape Was a Scientist: Making Medicines in Early Modern England," Given at: Department of Humanities and Cultural Studies Halloween Lecture (Tampa, FL), October 31, 2018.
23. "The Cavendishes and Medicine, Nottingham Pw V 90," Given at: The International Margaret Cavendish Society Biennial Conference (Trondheim, Norway), June 7, 2019.
24. "Royalist Recipes and Common Cures in a Seventeenth-Century Medical Manuscript," Given at: The Second International Conference on Historical Medical Discourse (Helsinki, Finland), June 10, 2019.
25. "Early Modern Recipes and Medical Experience," Given at: Scientiae 2019 (Belfast, Northern Ireland), June 13, 2019.
26. "Cavendish and the Legacy of Medical Humanism," Given at; E-Conference on Margaret Cavendish's Philosophy (Trinity College Dublin (online), August 21, 2020.
27. "Notions of Experience in Early Modern Anatomy and Pharmacy," Given at: Princeton-Bucharest Seminar (Online), November 17, 2020.

### **TEACHING EXPERIENCE**

1. From the Renaissance to the 20th Century (Introduction to the Humanities), University of South Florida.
2. Introduction to Cultural Studies (Graduate Course), University of South Florida.
3. Introduction to Philosophy of Science, University of Pittsburgh.
4. Introduction to Philosophy, Eastern Tennessee State University.
5. Introduction to Science Studies (Graduate Course), University of South Florida.
6. Magic, Medicine, and Science (taught as both Introduction to HPS and as Introduction to Modern Philosophy), University of Pittsburgh.
7. Mind and Medicine (Philosophy of Mind/Philosophy of Biology), University of Pittsburgh.
8. Morality and Medicine (Bioethics), University of Pittsburgh.
9. Myth and Science (Ancient Philosophy, Science, and Medicine), University of Pittsburgh.
10. Science and Religion, University of Pittsburgh; East Tennessee State University.
11. Science and Society (Cross Cultural History and Philosophy of Science), University of South Florida.
12. Science and the Modern World (Introduction to HPS), Eastern Tennessee State University.
13. Science in Cultural Context (Feminist History and Philosophy of Science), University of South Florida.

14. The European Enlightenment, University of South Florida
15. The Meaning of Medicine (Graduate Course, Philosophy and Medicine in the European Enlightenment), University of South Florida.
16. Utopia and Science Fiction (Graduate Course), University of South Florida.
17. Modern European History; 1400-1900, American University Bulgaria.

More detailed teaching information (syllabi, etc.) available upon request.

### **ARCHIVAL EXPERIENCE**

I have done original archival research at the British Library, the Royal College of Physicians in London, the Folger Shakespeare Library, Nottingham University, as well as the Philadelphia College of Physicians. I am well versed in the methods of handling, reading, and locating of manuscripts, medical instruments, letters and other sorts of archival materials, including experience in paleography.

### **ADMINISTRATIVE EXPERIENCE**

Program Assistant, Center for Philosophy of Science ([www.pitt.edu/~pittcntr/](http://www.pitt.edu/~pittcntr/)), University of Pittsburgh, September 2010 – August 2011: Responsible for a variety of projects related to the mission of the Center, including maintaining the database, computer and technical support for the Visiting Fellows, and planning and support for local, national, and international conferences.

### **LANGUAGES**

Bulgarian (beginner), English, French, Ancient Greek (novice), Italian (novice), Latin, Spanish

### **PROFESSIONAL SERVICE**

1. Co-organizer of the 7<sup>th</sup> International Pitt/CMU Graduate Student Conference (2005)
2. Co-organizer of a workshop on Early Modern Philosophy and Medicine, University of Pittsburgh, May 2011.
3. Co-organizer of an international conference, “Early Modern Philosophy and Medicine”, University of Pittsburgh, Fall 2012.
4. Organizer of History of Science (San Diego, 2012) symposium: “The Ends of the World as We Know It? Ancient and Early Modern Uses of Teleology.”
5. Co-Organizer of a Renaissance Society of America Conference session (March 2018) on “Margaret Cavendish and Medicine.”
6. MA Thesis advisor in Humanities and Cultural Studies.
  - a. Jacob Boccio on *Digital Scape: Artificial Integration* (2015)
  - b. Huai-Hsuan Huang on *Distinguishing Patterns of Utopia, East and West* (2017)
  - c. Morgan Macey on *The Re-Contextualization of Pride and the Senses in the Tapestry of Narcissus at the Fountain* (2018)
7. Committee member on MA theses in Humanities and Cultural Studies.
  - a. Diane Davis on *Baths as Objects of Roman Hegemony* (2014)
  - b. Christopher Adkins on *Appalachia as Postcolonial* (2016)
  - c. Gracen Kovacic on *Burning Man and the History of Utopian Dreams* (2014)
8. Committee member on BA honors thesis.
  - a. Eugene Helfrick, short story *Fighting the Western Sky* (2014)

### **REFERENCES**

- Justin E.H. Smith, Université de Paris, Département Histoire et Philosophie des Sciences (university professor): [jehsmith@gmail.com](mailto:jehsmith@gmail.com)
- James G. Lennox, University of Pittsburgh, Department of History and Philosophy of Science (emeritus professor): [jglennox@pitt.edu](mailto:jglennox@pitt.edu)