

# Adam M. Goldstein, Ph.D., M.S.L.I.S., M.A.

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**Profile.** Librarian-teacher-scholar with extensive training and background in sciences and STEM education; record of publication on information resources on evolution; service-oriented; thrives on collaboration and interdisciplinary work; curious and inquisitive. Engaging instructor with experience teaching first-generation students in an urban environment. Dedicated to increasing equity and access to research and education.

## Professional Appointments

### Secondary teaching

*Oregon license: Biology PK-12; NY license: Biology, grades 7-12.*

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| 2017–2018 | AP Biology and AP Seminar teacher, Uncommon Collegiate Charter High School. Brooklyn, NY. |
| 2016–2017 | Living Environment teacher, Urban Assembly School for Law and Justice. Brooklyn, NY.      |

### Higher education

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| 2007–2014 | Assistant Professor, Philosophy. Iona College. New Rochelle, NY.   |
| 1998–2005 | Adjunct, teaching assistant, and teaching fellow positions in Philosophy at Drew University, Madison, NJ; The George Washington University, Washington, DC; and The Johns Hopkins University, Baltimore, MD. |

## Education

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| 09/2016 | <b>M.A., Education, Secondary Science, Biology.</b><br>Hunter College. New York, NY.   |
| 01/2007 | <b>M.S., Library and Information Science.</b><br>Pratt Institute, School of Library and Information Science.<br>New York, NY.                                |
| 05/2006 | <b>Ph.D., Philosophy.</b><br>The Johns Hopkins University. Baltimore, MD.<br>Thesis: “Random genetic Drift: Chance and explanation in evolutionary biology.” |
| 04/1995 | <b>B.A., Biology and Philosophy. Double major.</b><br>University of California Santa Cruz.<br>Santa Cruz, CA.  |

## Editorial Appointments

- 2011– Senior Advisory Board, PsychTable. Database of literature on human psychological adaptations. <http://www.psychtable.org>.
- 2007– Senior Handling and Reviews Editor, *Evolution: Education & Outreach*. <http://www.evolution-outreach.com>.
- 2005–2014 Associate Editor. Darwin Manuscripts Project, American Museum of Natural History. <http://darwin.amnh.org>.

## Skills

- Technology** Microsoft, Apple, Openoffice.org, Google productivity software; Windows, OSX, iOS, Linux operating systems; L<sup>A</sup>T<sub>E</sub>X; XML; HTML; CSS; scripting in awk, sed; Wordpress site administration; bibliography management software; information architecture.
- Curriculum** Unit and lesson planning for inclusive, inquiry-based, active learning science curriculum using NGSS and Common Core standards; curriculum for information literacy, research, writing, and presentation for AP Seminar; writing-intensive college curriculum for philosophy majors and non-majors.
- Metadata** AACR2 original materials cataloging; MARC cataloging; OCLC Connexion; ontology design; BibT<sub>E</sub>X.

## Research & publications

- Bibliography** GOLDSTEIN, ADAM M. 2014. *EvoLit*. New York: American Museum of Natural History. URL <https://www.amnh.org/our-research/darwin-manuscripts-project/darwin-promo-block/bibliography>. Updating database of ca. 3,500 bibliographic records describing books owned by Charles Darwin or mentioned in his correspondence. A component of the Darwin Manuscripts Project.
- . 2011. *Darwin's library*. Biodiversity Heritage Library. URL <https://www.biodiversitylibrary.org/collection/darwinlibrary>. Digitization of bibliographic data for works in Darwin's library from Di Gregorio and Gill, *Charles Darwin's Marginalia*.
- Invited** GOLDSTEIN, ADAM M. 2015. Darwinism. In GEORGINA MONTGOMERY & MARK LARGENT, eds., *A Companion to the History of American Science*, 306–319. New York: Wiley Blackwell.
- . 2011. A defense of Achinstein's pragmatism about explanation. In GREGORY J. MORGAN, ed., *Philosophy of Science Matters*, 72–83. New York: Oxford University Press.

———. 2008. Endless forms most beautiful and most wonderful. *Evolution: Education and Outreach* 1(2): 104–6. doi:10.1007/s12052-008-0041-z.

**EE&O column** “Evolution Resources,” in *Evolution: Education and Outreach*, regularly appearing in early issues about information resources for researching and teaching evolutionary biology for students and teachers, K–16. All papers are freely available online.

GOLDSTEIN, ADAM M. 2011. Digital tools for bringing evolution to everyone. *Evolution: Education and Outreach* 4: 177–84. doi:10.1007/s12052-010-0312-3.

———. 2011. A new digital edition of Darwin’s 1859 *Origin of Species*. *Evolution: Education and Outreach* 4: 350–3. doi:10.1007/s12052-011-0333-6.

———. 2010. Complete bibliography of Eugenie C. Scott. *Evolution: Education and Outreach* 3: 245–53. doi:10.1007/s12052-010-0236-y.

———. 2010. The *Origin* manuscripts at The Darwin Manuscripts Project. *Evolution: Education and Outreach* 3(1): 121–7. doi:10.1007/s12052-010-0206-4.

———. 2010. Exploring phylogeny at the Tree of Life Web Project. *Evolution: Education and Outreach* 4(3): 668–74. doi:10.1007/s12052-010-0288-z.

———. 2010. The NCBI databases: An evolutionist’s perspective. *Evolution: Education and Outreach* 3(3): 451–5. doi:10.1007/s12052-010-0258-5.

———. 2009. Blogging evolution. *Evolution: Education and Outreach* 2(3): 548–59. doi:10.1007/s12052-009-0149-9.

———. 2009. Charles Darwin’s manuscripts and publications on the World Wide Web. *Evolution: Education and Outreach* 2(1): 122–35. doi:10.1007/s12052-008-0113-0.

———. 2009. Print reference sources about evolution. *Evolution: Education and Outreach* 2: 700–7. doi:10.1007/s12052-009-0182-8.

———. 2008. Evolution by example. *Evolution: Education and Outreach* 1(2): 165–71. doi:10.1007/s12052-008-0045-8.

**Peer-reviewed** GOLDSTEIN, ADAM M. 2018. The unfair settlement. *Applied Ontology*. Under review; revisions requested by editors in progress.

FRANZ, NICO M. & ADAM M. GOLDSTEIN. 25 August 2012. Phenotype ontologies: Are homology relations central enough? A reply to Deans *et. al.* *Trends in Ecology and Evolution* doi:0.1016/j.tree.2012.08.001.

**Posters—peer reviewed** GOLDSTEIN, ADAM M. 9–10 July 2010. EO: An ontology of evolutionary processes. Boston: The Bio-Ontology Special Interest Group at the 18th Annual International Conference on Intelligent Systems for Molecular Biology.

———. 24–26 July 2009. EO: The evolution ontology. Buffalo, NY: International Conference on Biomedical Ontology.

**Edited works** PAFFENROTH, KIM & ADAM M. GOLDSTEIN, eds. 2012. *Augustine and science*. Lanham, MD: Lexington Books.

GOLDSTEIN, ADAM M., ed. 2011. *A digital republication of the 1859 London edition of Charles Darwin's Origin of Species*. New York: American Museum of Natural History. URL <http://darwin.amnh.org/files/images/pdfs/e83461.pdf>.

———. 2008. *Evolution: Education and outreach*. Guest editor, vol. 1, no. 2 (April).

**Presentations** GOLDSTEIN, ADAM M. 2018. Zeno's paradoxes. Summer of Science 2018, Portland, OR; (Public outreach/popular lecture).

———. 2014. Bibliographic data for digital HPS: Problems and solutions. Presented at the Digital History and Philosophy of Science Infrastructure Summit in Nancy, France.

———. 2013. An XML markup scheme for Darwin manuscripts. History of Science Society Annual Meeting, Boston, MA.

———. 21 March 2012. The evolutionary sublime. Presented at the Stevens Institute of Technology, Hoboken, NY.

———. December 2012. Moderator, session on laws of nature, 29 December. Atlanta: Eastern Division, American Philosophical Association.

———. September 2012. Naturalism for ontological engineering. Presented at the Digital History and Philosophy of Science Infrastructure Summit, Cambridge, UK, 7 September.

———. November 2012. OEP: Ontology of Evolutionary Processes. Presented at the New York Botanical Garden, 7 November.

———. April 2012. Why ask how? Presented at The SUNY New Paltz EvoS seminar, 2 April. <http://www.newpaltz.edu/evos/seminar.html>.

———. December 2011. Ontology for librarians. New York: Pratt Institute School of Library and Information Science, LIS 663, Advanced Cataloging. URL <https://shiftingbalance.org/?p=902>.

#### Book reviews

GOLDSTEIN, ADAM M. 2018, forthcoming. Review of Dugatkin and Trut's *How to tame a fox and build a dog*. *Evolution: Education & Outreach* 11.

———. 2011. Evolution in action: Wilson's forthcoming *Neighborhood Project*. *Evolution: Education and Outreach* 4: 175–6. doi:10.1007/s12052-010-0313-2.

———. 2011. Human, all too human. Review of Carin Bondar, *The Nature of Human Nature*. *Evolution: Education and Outreach* 4: 348–9. doi:10.1007/s12052-011-0334-5. 10.1007/s12052-011-0334-5.

———. 2010. God versus the human genome. Review of John C. Avise, *Inside the Human Genome: A Case for Non-Intelligent Design*. *Evolution: Education and Outreach* 3(4): 677–8. doi:10.1007/s12052-010-0287-0.

———. 2010. Richard Owen's "most interesting department of natural history . . . its very soul." Review of Richard Owen, *On the Nature of Limbs: A Discourse*. *Evolution: Education and Outreach* 3(2): 293–6. doi:10.1007/s12052-010-0230-4.

———. 2009. The charms of nature: Darwin on meaning and value. Review of George Levine, *Darwin Loves You*. *Evolution: Education and Outreach* 2(2): 326–33. doi:10.1007/s12052-009-0131-6.

———. 2009. Milner's encyclopedic un-encyclopedia. Review of Richard Milner, *Darwin's Universe: Evolution from A to Z*. *Evolution: Education and Outreach* 2(4): 740–1. doi:10.1007/s12052-009-0178-4.

———. 2002. Review of David J. Buller, *Function, Selection, Design* and Colin Allen, Marc Bekoff, and George C. Lauder, *Nature's Purposes: Analyses of Function and Design in Biology*. *Australasian Journal of Philosophy* 80: 126–8.

———. 2001. Review of Jean Gayon, *Darwinism's Struggle for Survival*. *Mind* 110: 204–7.

———. 1999. Review of Lowell Nissen, *Teleological Language in the Life Sciences*. *Australasian Journal of Philosophy* 77: 385–7.

**Engineering** Release technician, 2008-2013, and help file documentation for Z39.50 client tools, for BibDesk, an open source bibliography management tool. <http://bibdesk.sourceforge.net>.

### **Working groups**

2012–2014 Convener, Metadata working group.  
Digital History and Philosophy Consortium.  
<http://www.digitalhps.org>

2012–2014 Co-chair, Lexicon committee.  
International Association for Ontology and its Applications.

### **Grants**

09/12 Iona College Faculty Travel Grant. \$1,200.

07/10 Iona College Faculty Development Grant. \$619.

07/09 National Human Genome Research Initiative New Researcher Fellowship, \$1,500.

07/09 Iona College Faculty Development Grant. \$1,200.

### **Co-curricular**

2017-2018 Photography Club, Uncommon Collegiate Charter High School.

2010–2014 Iona Gaels women’s lacrosse, NCAA Division 1. Academic support and mentor.

2013–2014 Iona College baking club faculty sponsor.

2008–13 Iona Aristotelian Society (Philosophy Club) faculty sponsor.

### **Professional Organizations**

American Philosophical Association.

Philosophy of Science Association.

International Association for Ontology and its Applications.

Portland, OR, October 29, 2018