

GORDON L. MILLER

Environmental Studies Program
Seattle University
901 12th Avenue
Seattle, WA 98122
glmiller@seattleu.edu

Primary academic areas: History and philosophy of science (esp. natural history and ethology, Romanticism and science, Whiteheadian philosophy); animal communication and acoustic ecology; history and evolution of language; environmental history

EDUCATION

M.Phil., Cambridge University, 1989
Ph.D., Rutgers University, 1987
M.L.S., Indiana University, 1980
M.A., Butler University, 1980
B.S., Milligan College, 1976

PUBLICATIONS

Articles and Book Chapters .

“Sense and Symbolic Sensibility: The Rise of Amphibians and the Roots of Language in Whiteheadian Perspective,” *Process Studies*, 53.1 (2024), 7-41.

“The Soul of the Frog for a Postmodern Age: Updating a Classic Debate,” *Zygon: Journal of Religion and Science*, 59.3 (2024): 609 DOI: <https://doi.org/10.16995/zygon.16572>

“The Intervening Touch of Mentality: Food Seeking in Frogs and Whitehead’s Philosophy of Organism,” *Process Studies* 50.2 (2021), 1260.

Review of Wolfgang Schad, *Threefoldness in Humans and Mammals: Toward a Biology of Form* vols., *Worldviews* 25.2 (2021), pp. 174-176.

“The Rain Calls of Frogs and the Reigning Paradigm of American Herpetology” *Archives of Natural History* 48.1 (2021), pp. 421. (DOI: 10.3366/anh.2020.0649).

“Eurythmy and Natural History,” introduction to Rudolf Steiner, *Introductions to Eurythmy: An Extension of Goethe’s Morphological Thinking Within the Realm of Human Movement* pp. 12-34. Ann Arbor, Mich.: Keryx, 2019.

“Eugen Bleuler 1857-1939” Vol. 2, pp. 131-36

“Josef Breuer 1842-1925” Vol. 2, pp. 191-97

“Pierre Janet 1859-1947” Vol. 6, pp. 156-61

“The Concept of Information: An Historical Perspective on Modern Theory and Technology,”
Information and Behavior 2 (1988), pp. 27-53.

Books

The Metamorphosis of Plants, by Johann Wolfgang von Goethe, introduction, appendix, and
photography by Gordon L. Miller, Cambridge, Mass.: MIT Press, 2009; paperback \$13.95, hardcover \$24.95, e-book \$13.95

“Rudolf Steiner, Owen Barfield, and the Origin of Language,” presented at the Center for Anthroposophical Endeavors, November 2014 (Seattle).

“The Play’s the Thing: The Goethean Theater of Life from Adolf Portmann to Biosemiotics,” presented at the International Human Sciences Research Conference, June 2012 (Montreal).

“Resounding Morphology: Elements of a Goethean Acoustics,” presented at the International Human Sciences Research Conference, 2011 (Oxford, England).

“Signs of Life in Leaves and Clouds: A Goethean Inquiry,” presented at the International Human Sciences Research Conference, 2010 (Seattle, WA).

Lecture Series

Four-part lecture series exploring the question “Does a Frog Have a Soul?” from the varied perspectives of the history of science, paleontology, philosophy, neuroscience, and the evolution of language presented at Parkshore Senior Living Community, Seattle—June-July 2023.

RECENT PROFESSIONAL EXPERIENCE

Cambridge University

Visiting Scholar: April -July 2022

Conducted research on amphibian paleontology and evolution , with a special focus on the expansion of sensory experienceand the emergence of vocalization, in consultation with distinguished paleontologist and evolutionary biologist Simon Conway Morris, FRS.

Seattle University (Seattle, Wash.)

Emeritus Professor, Environmental Studies Program: 2020 – present

Environmental Studies Program Director : 2007-17

History Department and Environmental Studies Program Faculty: 1998 - 2020

Responsible for teaching courses in the history of science and technology,environmental history, the nature writing tradition , acoustic ecology, and natural history, as well as (during the period indicated) for direct ing the Environmental Studies Program , including supervision of the urban agriculture project, obtaining grant support and private gifts, coordinating internships, etc.

Courses taught: EVST 2100: Natural History

EVST 3600: Nature Writing and Environmentalism

EVST 3740: Acoustic Ecology

EVST 3650: Environmental Psychology

HIST 1210: Revolutions in Modern Science

HIST 1210: Romantic Ecology in America

HIST 3510: Environmental History
HIST 3920: History of Science in Britain

SOCL 2020: Human Ecology and Geography

Awards: 2013 College of Arts and Sciences Faculty Advisor Award

PROFESSIONAL ASSOCIATION MEMBERSHIPS

The Center for Process Studies
Society for the History of Natural History
Society for the Study of Amphibians and Reptiles