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University Affiliation:

Professor Emerita
Department of History
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Professional Societies/Organizations:

International Society for the History, Philosophy, and Social Studies of Biology (President, 2017-2019)
History of Science Society (Secretary, 2010-2016)
British Society for the History of Science
American Society for Environmental History
American Association for the Advancement of Science
Darwin Correspondence Management Board, 2018-2022

Honors/Awards/Grants:

Distinguished Service Award, History of Science Society, November 2023
NSF grant 19-610, SES - Science & Technology Studies 2121014, "Theo Colborn and Endocrine Disruption," 36 months, \$100,000.
Fellow, American Association for the Advancement of Science (AAAS), 2021.
Margaret W. Rossiter History of Women in Science Best Article Prize, History of Science Society, 2010.
Sydney Brenner Research Scholarship, Cold Spring Harbor Laboratory Genentech Center for the History of Molecular Biology and Biotechnology, 2009.
Visiting Scholar, Vrije University, Amsterdam, The Netherlands, March-April 2009
Wayne State University
Office of the Vice President for Research, Arts & Humanities Research Fellowship, June 2019, \$19,398.
Marilyn Williamson Endowed Distinguished Faculty Fellowship, Humanities Center, 2018-2019, \$19,291.
Resident Fellow, Humanities Center, 2018-2019

Biographical Citations:

Who'sWho in America, Who'sWho in the Midwest, United Who'sWho, Who'sWho of American Women

Research:

In progress:

Genes and Gender: Women in the Emergence of Genetics, 1900-1940, in collaboration with Ida Stamhuis (Vrije University, Amsterdam).
The Modern Rachel Carson: Theo Colborn, Endocrine Disruption, and the Existential Dilemma of Consumer Culture

Selected Publications

Chapters

- “Mr. Darwin’s Beloved Barnacles”: Interpreting Origin of Species through the Cirripedes,” to appear in *Learning Evolution with Darwin: A Contextualized Guide to Read “The Origin of Species,”* ed. Maria Elice de Brzezinski Prestes (Springer Series: History, Philosophy and Theory of the Life Sciences, Editors: Charles T. Wolfe, Philippe Huneman, and Thomas A.C. Reydon), in press, publication expected 2023.
- “Women in the Historiography of Biology,” in *Handbook of the Historiography of Biology*, eds. Michael Dietrich, Mark Borrello, and Oren Harman. *Historiographies of Science*, vol 1. (New York: Springer, Cham, 2022). DOI: https://doi.org/10.1007/978-3-319-74456-8_17-1
- “Revisiting the Origins of Genetics,” co-author Staffan Müller-Wille, in *Heredity Explored*, ed. Staffan Müller-Wille and Christina Brandt (Cambridge, Mass.: MIT Press, 2016), pp. 367-394.
- “Opportunities for Women in Early Genetics – An International Perspective,” co-authored with Ida Stamhuis, in *Elisabeth Schiemann (1881–1972): Vom Aufbruch der Genetik und der Frauen in den Umbrüchen des 20. Jahrhunderts* (Rangsdorf: Basilisken-Presse im Verlag Natur & Text, 2014).
- “Charles Darwin and the Barnacles,” in *The Cambridge Encyclopedia of Darwin and Evolutionary Thought*, ed. Michael Ruse (Cambridge: Cambridge University Press, 2013).
- “A Model Collaborative Couple in Genetics: Anna Rachel Whiting and Phineas Westcott Whiting’s Study of Sex Determination in *Habrobracon*,” in *For Better or For Worse: Collaborative Couples in the Sciences*. Ed. Annette Lykknes, Donald Opitz, and Brigitte Van Tiggelen. (Basel: Birkhäuser/Springer, 2012), pp. 149-169.

Journal articles

- “Remembering Garland Edward Allen, III (1936–2023), Second Editor of *Journal of the History of Biology*.” *Journal of the History of Biology* (2023). <https://doi.org/10.1007/s10739-023-09724-w>
- “Women in German and Austrian Horticulture,” in “Ceres: Gendered Histories of Agriculture and Horticultural Science,” ed. Donald Opitz and Erela Ben-Shachar, *Endeavour*, publication expected 2023.
- “The Imperative for Inclusion: A Gender Analysis of Genetics,” In “New Directions in the Historiography of Genetics,” *Studies in History and Philosophy of Science*, 90 (2021), 247-264. <https://doi.org/10.1016/j.shpsa.2021.10.007>
- “Central American Field Work, Cytogenetic Knowledge: The cytogenetic research program of Sally Hughes-Schrader and Franz Schrader” in “Heredity and Evolution in an Ibero-American Context,” ed. Ana Barahona and Marsha Richmond. Special Issue: *Perspectives on Science* 28 (2) (March/April 2020): 127-169.
- “Women as Public Scientists in the Atomic Age: Rachel Carson, Charlotte Auerbach, and Genetics,” *Historical Studies in the Natural Sciences*, 47, 3 (2017), pp. 349–388.
- “A Scientist during Wartime: Richard Goldschmidt’s Internment during the First World War,” *Endeavour*, 39, 1 (2015): 52-62. “A Scientist during Wartime: Richard Goldschmidt’s Internment during the First World War,” *Endeavour*, 39, 1 (March 2015).
- “Women as Mendelians and Geneticists,” *Science and Education* [Special issue on Mendel], 24, 1-2 (2015): 125-150.

Invited presentations

- “Theo Colborn and Great Lakes Toxics,” Great Lakes Plenary, International Society for the History, Philosophy, and Social Studies of Biology, Toronto, Canada, 14 July 2023.

- "The Imperative for Inclusion: Women in the Historiography of Genetics," Invited talk, "New Directions in the Historiography of Genetics," The Cohn Institute (Tel Aviv University), the Edelstein Center (Hebrew University of Jerusalem), and the Van Leer Jerusalem Institute, Tel Aviv, Israel, 17-19 November 2019.
- "The Rise of Women in Science: 250 Years of Trailblazers," Smithsonian Associates, 10 July 2017, Washington, D.C.
- "Women as Public Scientists in the Atomic Age: Rachel Carson, Charlotte Auerbach, and Genetics," Richard S. Westfall Lecture (Department of the History and Philosophy of Science), Indiana University-Bloomington, 10 November 2016.
- "What Can Cold Spring Harbor Tell Us About Women in Science?" Cold Spring Harbor Laboratory, Long Island, New York, March 2016.
- "Women as Public Scientists: Rachel Carson, Charlotte Auerbach, and Genetics in the Atomic Age," Fest for Mary Jo Nye, Oregon State University, 16 January 2015.
- "What Can the History of Biology Tell Us about Women's Participation in Science?" Plenary Lecture, Associação Brasileira de Filosofia e História da Biologia (Brazilian Association of the Philosophy and History of Biology), 6-8 August 2014, University of São Paulo, Ribeirão Preto, State of São Paulo, Brazil.
- "What's Gender Got To Do With It? Women and Genetics Research Institutes, 1900-1940," History and Philosophy of Science and Medicine Seminar Series, Washington University, St. Louis, Missouri, 2 April 2014.