

**WAYNE STATE UNIVERSITY**

Professional Record

Date Prepared: 12/15/1997

Date Revised: 11/13/2016

**Name:** Marsha Leigh Richmond

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**Faculty Appointment:**

Department of History, College of Liberal Arts and Sciences

**Present Rank and Date:**

Associate Professor, May 2000

**WSU Appointment History:**

Year Appointed to Assistant Professor: 1994

Year Awarded Tenure: 2000

Year Promoted to Associate Professor: 2000

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**Citizenship:**

United States

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**Education:**

High School: Muskogee Central High School, Muskogee, OK, 1968

Baccalaureate: University of Oklahoma, 1972

Graduate: University of Oklahoma, M.A. Program, 1976

Indiana University-Bloomington, Ph.D., 1986

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**Dissertation**

"Richard Goldschmidt and Sex Determination: The Growth of German Genetics, 1910–1935,"  
Indiana University, 1986. (University Microfilms International, #8707816).

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**Appointments at Other Institutions:**

Editor, *Correspondence of Charles Darwin*, American Council of Learned Societies, Cambridge  
University Library, Cambridge, England, 1987-1993

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**Professional Society Memberships:**

History of Science Society

British Society for the History of Science

International Society for the History, Philosophy, and Social Studies of Biology

American Association for the Advancement of Science

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Signature: \_\_\_\_\_

11/13/2016

## Honors/Awards:

### **External:**

Margaret W. Rossiter History of Women in Science Prize, Best article: "The Domestication of Heredity: The Familial Organization of Geneticists at Cambridge University, 1895-1910," History of Science Society, 2010.

Foreign collaborator, Group of History and Theory of Biology (Grupo de História e Teoria da Biologia), CNPq (National Council for Scientific and Technological Development), Brazil, 2016-.

Visiting Scholar, Vrije University, Amsterdam, The Netherlands, March-April 2009

### **Internal:**

Faculty Fellow Award, Humanities Center, 2013-2014

Faculty Mentor Award, Wayne State Undergraduate Research Award, 2011

Faculty Fellow Award, Humanities Center, 2010-2011

Resident Scholar, Humanities Center, 2008-2009

Teaching Award, College of Liberal Arts and Sciences, May 2006

Teaching Award, College of Lifelong Learning, May 1999

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## Biographical Citations:

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

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## I. TEACHING

A. Years at Wayne State University: 22

B. Years at other colleges/universities: 0

C. Courses taught at Wayne State in last five years:

### **Undergraduate:**

HIS 2240: History of Michigan

HIS 3440/HON 4280: American Medicine in the 20<sup>th</sup> Century

HIS 3998: History of American Agriculture and Food

HIS 5425/ HON 4280: American Environmental History

HIS 5996: History Capstone for Majors

### **Graduate:**

HIS 7425: American Environmental History

HIS 6440: American Medicine in the Twentieth Century

HIS 6010: History of American Agriculture and Food

D. Essays/Theses/Dissertations Directed:

Richard Marcil, MA, "Women in the History of Early Ecology," 2015

Barb Flis, MA, "A Manifesto for Parents: Getting Sex Education out of the Closet," 2012

Jonathan Shafer, MA, "Redefinition of Nature in the American West, 1890-1930," 2011

Erica Giorda, "Greening Motown: The Environmental Movement in Detroit in Post-Industrial Detroit," 2010

George Dorset, MA, "The American Workplace and the Complexity Encountered from Multiple Generations at Work Creating a New Challenge of Business Diversity," 2008

Jean Vortkamp, MA, "For the Love of Elephants: Mahoutship and Elephant Conservation in Thailand," 2006

Kathleen Greene, "Network Theory in Vascular Laboratories," 2005

Julia Carlsen, MA, "Lung Cancer Screening: Why Is It Not Being Done?" 2005

D. Essays/Theses/Dissertations Directed (cont.)

Katrina L. Anderson, MA, "White Coats and Black Folks: Exploring Discrimination in Physician-Patient Relationships," 2005

Asimur Rahman, MA, "Natural Selection Dictates the Pattern of the Evolutionary Developmental Mechanism, As Seen With the Aid of Computer Modeling," 2003

E. Essays/Theses/Dissertation Committees

Angelina Meadows Kreger, MA, "PBB: Five Years of Frustration, Devastation, and Death," 2012

Josiah Rector, MA, Environmental Justice at Work: The War on Cancer in the United Auto Workers, 1970-1992," 2012

Josiah Rector, Ph.D., "Bodies on the Line: Social Movements, the State, and the Politics of Pollution in Detroit, 1910-2010," 2016

Joelle Del Rose, Ph.D., "Recasting Luxury: Status, Sexuality, and Space in the Eighteenth-Century British Urban Milieu" in progress

Kirkland Ellens, Ph.D., [Environmental History of Airports], in progress

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II. RESEARCH

A. Research in progress:

*The Making of a Heretic: Richard Goldschmidt, Sex Determination, and the Birth of Physiological Genetics, 1900-1935*. Book manuscript; revision in progress.

*Women in Science: The Case of Genetics*, with Ida Stamhuis (Vrije University, Amsterdam). Book manuscript in progress; completion expected in 2017.

B. Funded research:

"Images of Women at the Cold Spring Harbor Department of Genetics," Sydney Brenner Research Scholarship, Cold Spring Harbor Laboratory, The Genentech Center for the History of Molecular Biology and Biotechnology, Cold Spring Harbor, New York, 2009-2011, \$6,000.

"Women in the Early History of Genetics," National Science Foundation, Scholars Award, SES-0620308, 2007-2009, \$136,065.

"Women in the Early History of Genetics," Alexander G. Bearn Library Resident Fellowship, 2003-2004, American Philosophical Society Library, Philadelphia, \$2,000.

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III. PUBLICATION

A. Chapters published

1. Authored

"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.

"Women in Mutation Studies: The Role of Gender in the Methods, Practices, and Results of Early Twentieth-Century Genetics," in *Making Mutations: Objects, Practices, Contexts*, ed. Louis Campos and Alexander von Schwerin. Preprint #393, (Berlin: Max-Planck-Institut für Wissenschaftsgeschichte, 2010), pp. 11-48.

"William Bateson's Pre-Mendelian Research Program in 'Heredity and Development,'" in *A Cultural History of Heredity IV: Heredity in the Century of the Gene*. Ed. Staffan Müller-Wille and Hans-Jörg Rheinberger. Preprint #343 (Berlin: Max Planck Institute for the History of Science, 2008), pp. 214-242.

### 1. Authored (cont.)

- "The Cell as the Basis for Heredity, Development, and Evolution: Richard Goldschmidt's Program of Physiological Genetics," in *From Embryology to Evo-Devo: A History of Evolutionary Development*. Ed. Jane Maienschein and Manfred D. Laubichler (Cambridge, Mass.: MIT Press, 2007).
- "A Lab of One's Own': The Balfour Biological Laboratory for Women at Cambridge University, 1884-1914," in *History of Women in the Sciences: An Isis Reader*, ed. Sally Gregory Kohlstedt (Chicago: University of Chicago Press, 1999); rpt. in *Gendered Spaces in the Physical Sciences: History and Architecture of the Laboratory*, ed. Maria Rentetzi (Heraklion, Greece: Crete University Press/Foundation for Research and Technology, 2008).
- "Darwin's Study of the Cirripedia," in *The Correspondence of Charles Darwin*, vol. 4 (1989), Appendix II, pp. 388-409.

### 2. Co-Authored

- With Staffan Müller-Wille, "Revisiting the Origins of Genetics," in *Heredity Explored*, ed. Staffan Müller-Wille and Christina Brandt (Cambridge, Mass.: MIT Press, 2016), pp. 367-394.
- With Ida Stamhuis, "Opportunities for Women in Early Genetics – An International Perspective," in *Elisabeth Schieman (1881–1972): Vom Aufbruch der Genetik und der Frauen in den Umbrüchen des 20. Jahrhunderts*, ed. Reiner Nürnberg, Ekkehard Höxtermann, and Martina Voigt (Rangsdorf: Basilisken-Press im Verlag Natur & Text, 2014), pp. 3-33.

### B. Editorships of Books

- With Thomas Junker. *Charles Darwin's Correspondence with German Naturalists. A Calendar with Summaries, Biographical Register and Bibliographical Appendix* (Marburg an der Lahn: Basilisken-Press, 1996).
- With Janet Browne, Anne Secord, Frederick Burkhardt, Duncan Porter, and Sydney Smith. *The Correspondence of Charles Darwin*, vols. 3-9 (Cambridge: Cambridge University Press, 1988-1994).
- Supervising Editor for "Zoology," *Dictionary of Nineteenth-Century British Scientists*, ed. Bernard Lightman (London and Chicago: Thoemmes Press/University of Chicago Press, 2004).

### C. Journal Articles Published

#### 1. Refereed Journals

- "A Scientist during Wartime: Richard Goldschmidt's Internment during the First World War," *Endeavour*, 39, 1 (2015): 52-62.
- "Muriel Wheldale Onslow and Early Biochemical Genetics," *Journal of the History of Biology*, 40 (2007): 389-426.
- "Opportunities for Women in Early Genetics," *Nature Reviews Genetics* 8 (2007): 897-902.
- "The 'Domestication' of Heredity: The Familial Organization of Geneticists at Cambridge University, 1895-1910," *Journal of the History of Biology*, 39 (2006): 565-605.
- "The Darwin Celebration of 1909: Re-evaluating Evolution in the Light of Mendel, Mutation, and Meiosis," *Isis*, 97 (2006): 447-484.
- "Richard Goldschmidt and the Crossing-Over Controversy," co-authored with Michael R. Dietrich, *Genetics*, 161 (June 2002): 477-482.
- "Thomas Henry Huxley's Developmental View of the Cell," *Nature Reviews Molecular Cell Biology*, 3 (January 2002): 61-65.
- "Women in the Early History of Genetics: William Bateson and the Newnham College Mendelians, 1900-1910," *Isis*, 92 (2001): 55-90.

### 1. Refereed Journals (cont.)

"British Cell Theory on the Eve of Genetics," *Endeavour: A Quarterly Magazine for the History and Philosophy of Science*, 25, 2 (2001): 55-59.

"T. H. Huxley's Criticism of German Cell Theory: An Epigenetic and Physiological Interpretation of Cell Structure," *Journal of the History of Biology*, 33 (2000): 247-289.

"A Lab of One's Own': The Balfour Biological Laboratory for Women at Cambridge University, 1884-1914," *Isis*, 88 (1997): 422-455.

"Protozoa as Precursors of Metazoa: German Cell Theory and its Critics at the Turn of the Century," *Journal of the History of Biology*, 22 (1989): 223-246.

### 2. Invited Review Articles (Refereed)

"Women as Mendelians and Geneticists," Special issue on Mendel, *Science and Education*, 24, 1-2 (2015): 125-150.

### 3. Non-Refereed Journals

With Janet Browne, "The Darwin Archive in Cambridge: Two Centuries of Family History," *Darwin College Magazine* (Winter 1992): 64-69.

### 4. Journal articles (accepted and forthcoming)

"Women as Public Scientists in the Atomic Age: Rachel Carson, Charlotte Auerbach, and Genetics," *Historical Studies in the Natural Sciences*, to appear in 2017.

### D. Encyclopedia Articles

"William Bateson," in *Reference Module in Life Sciences* (Elsevier), ISBN: 978-0-12-809633-8, 2017.

"Adam Sedgwick (1854-1913)," *Oxford Dictionary of National Biography*. (Oxford: Oxford University Press, 2004).

"Marion Greenwood Bidder," and "Rachel Alcock," in *Dictionary of Nineteenth-Century British Scientists*, (London and Chicago: Thoemmes Press/University of Chicago Press, 2004).

"Richard Benedict Goldschmidt," *American National Biography*, ed. John A. Garraty and Mark C. Carnes, 24 vols. New York: Oxford University Press, 1999), vol. 9: pp. 204-206.

### E. Articles in Popular Magazines (Non-Refereed)

"Malaria: A Michigan Affliction," *Michigan History*, 97(5), September-October 2013, pp. 54-59.

"Women in the Early History of Genetics," *Mendel Newsletter*, n.s. 12 (February 2004), ed. Michael Dietrich. <http://www.amphilsoc.org/library/mendel/>

### F. Articles Published Online

"What If Darwin Hadn't Written *On the Origin of Species*?" National Science Foundation, Special Report: "Evolution of Evolution: 150 Years of Darwin's *Origin of Species*," Published online 12 February 2009, [http://nsf.gov/news/special\\_reports/darwin/darwin.jsp](http://nsf.gov/news/special_reports/darwin/darwin.jsp)

"Darwin's Study of the Cirripedia," in *The Complete Work of Charles Darwin Online*, Ed. John van Wyhe, [http://darwin-online.org.uk/EditorialIntroductions/Richmond\\_cirripedia.html](http://darwin-online.org.uk/EditorialIntroductions/Richmond_cirripedia.html)

### G. Book Reviews Published Since 2000

*The Man in the Monkeynut Coat: William Astbury and the Forgotten Road to the Double-Helix*, by Kersten T. Hall (Oxford: Oxford University Press, 2014); *Life's Greatest Secret: The Race to Crack the Genetic Code*, by Matthew Cobb (London: Basic Books, 2015), *Isis* 107, 3 (2016): 684-85.

*New Natures: Joining Environmental History with Science and Technology Studies*, ed. by Dolly Jørgensen, Finn Arne Jørgensen, and Sara Pritchard (Pittsburgh: University of Pittsburgh Press, 2014), *Science and Education*, 25, 1 (2016), 213-215.

*Darwin & His Children: His Other Legacy*, by Tim M. Berra (New York and Oxford: Oxford University Press, 2013), *Quarterly Review of Biology*, 90 (2015): 72.

**G. Book Reviews Published Since 2000 (cont.)**

- Sex Itself: The Search for Male and Female in the Human Genome*, by Sarah S. Richardson (Chicago and London: University of Chicago Press, 2013), *Isis* 106, 2 (2015): 496-497.
- Differenz und Vererbung: Geschlechterordnungen in der Genetik und Hormonforschung 1890–1950*, by Helga Satzinger (Berlin: Merve Verlag, 2010), *History and Philosophy of the Life Sciences*, 35 (2013): 641-42.
- Teaching Children Science: Hands-On Nature Study in North America, 1890-1930*, by Sally Gregory Kohlstedt (Chicago and London: University of Chicago Press, 2010), *Journal of the History of Biology* 44, no. 2 (2011): 357-360.
- Choosing Selection. The Revival of Natural Selection in Anglo-American Evolutionary Biology, 1930-1970*, by Stephen G. Brush (Philadelphia: American Philosophical Society, 2009), *Isis* 102, no. 3 (2011): 584-585.
- Francis Crick: Hunter of Life's Secrets*, by Robert Olby (Cold Spring Harbor, NY: Cold Spring Harbor Laboratory Press, 2009), *Journal of the History of Biology*, 43 (2010): 617-619.
- Darwins Korallen: die frühen Evolutionsdiagramme und die Tradition der Naturgeschichte*, by Horst Bredekamp (2<sup>nd</sup> ed., Berlin: Klaus Wagenbach, 2006), *Isis*, 100, 3 (2009): 917-918.
- "Good Observers of Nature": American Women and the Scientific Study of the Natural World, 1820-1885*, by Tina Gianquitto (Athens, GA and London: University of Georgia Press, 2007), *History and Philosophy of the Life Sciences*, 30 (2008): 266-268.
- Heredity Produced: At the Crossroads of Biology, Politics, and Culture, 1500-1870*, ed. by Staffan Müller-Wille and Hans-Jörg Rheinberger (Cambridge, Mass.: MIT Press, 2007), *Integrative and Comparative Biology*, 48 (2008): 536-538.
- Science Has No Sex: The Life of Marie Zakrzewska, M.D.*, by Arleen Marcia Tuchman (Chapel Hill: University of North Carolina Press, 2006), *Isis* 98 (2007): 658-659.
- Making Modern Science: A Historical Survey*, by Peter J. Bowler and Iwan Rhys Morus (Chicago: University of Chicago Press, 2005), *Historical Studies in the Physical and Biological Sciences*, 37 (2006): 175-176.
- An Elusive Victorian: The Evolution of Alfred Russel Wallace*, by Martin Fichman (Chicago: University of Chicago Press, 2004), *University of Toronto Quarterly*, 75, 1 (2006): 307-309.
- Darwinian Heresies*, eds. Abigail Lustig, Robert J. Richards, and Michael Ruse (Cambridge: Cambridge University Press, 2004), *Journal of the History of Biology* 38, 3 (2005): 631-633.
- Die Sexualitätstheorie und "Theoretische Biologie" von Max Hartmann in der ersten Hälfte des zwanzigsten Jahrhunderts*, by Heng-an Chen (Wiesbaden: Franz Steiner Verlag, 2003), *Isis* 96: 126.
- Monistische und antimonistische Weltanschauung: Eine Auswahlbibliographie*, by Heiko Weber (Berlin: VWB-Verlag für Wissenschaft und Bildung, 2000), *Isis* 95, 4 (2004): 740-741.
- Charles Darwin's "The Life of Erasmus Darwin,"* ed. by Desmond King-Hele (Cambridge: Cambridge University Press, 2003); *Charles Darwin's "Beagle" Diary*, ed. Richard Darwin Keynes (new ed., Cambridge: Cambridge University Press, 2002), *Journal of the History of Biology* 36: 428-429.
- "It Really is a Small World," Review of *Charles Darwin: The Power of Place*, by Janet Brown (London: Jonathan Cape, 2002); *Darwin and the Barnacle: The Story of One Tiny Creature and History's Most Spectacular Scientific Breakthrough*, by Rebecca Stott (London: Faber and Faber, 2003); and *Fossils, Finches and Fuegians: Charles Darwin's Adventures and Discoveries on the Beagle, 1832-1836*, by Richard Keynes (London: HarperCollins, 2002), *The Times Higher Supplement* (13 June 2003): 25.

#### G. Book Reviews Published Since 2000 (cont.)

- Cambridge Scientific Minds*, ed. by Peter Harman and Simon Mitton (Cambridge: Cambridge University Press, 2002), *Isis*, 94, 1 (2003): 124-125.
- Sparks of Life: Darwinism and the Victorian Debates over Spontaneous Generation*, by James E. Strick (Cambridge, MA: Harvard University Press, 2001), *Journal of the History of Biology*, 35 (2002): 173-175.
- Wissenschaftspopularisierung im 19. Jahrhundert. Bürgerliche Kultur, naturwissenschaftliche Bildung und die deutsche Öffentlichkeit 1848-1914*, by Andreas W. Daum (Munich: R. Oldenbourg, 1998), *History and Philosophy of the Life Sciences*, 23, 2 (2001): 312-314.
- Commemorative Practices in Science: Historical Perspectives on the Politics of Collective Memory*, Ed. Pnina Abir-Am and Clark A. Elliott. Vol. 14 of *Osiris* (University of Chicago Press, 2000), *British Journal for the History of Science*, 34, 4 (2001): 454-455.
- Der Rücktritt Richard Willstätters 1924-1925 und seine Hintergründe: Ein Münchener Universitätskandal?*, by Freddy Litten (Munich: Munich University, 1999), *Isis*, 92, 3 (2001): 623-624.
- Charles Darwin's Zoology Notes & Specimen Lists from H.M.S. Beagle*, Ed. Richard Keynes (Cambridge: Cambridge University Press, 2000), *British Journal for the History of Science*, 34, 1 (2001): 112-113.

#### H. Papers presented (since 2000)

##### 1. Invited and/or Refereed Internationally or Nationally

- "Performing Women in Genetics," Roundtable: Performing Science, Organizer: Marsha Richmond, History of Science Society, November 2016.
- "Epigenetics: The Cases of T. H. Huxley and Richard Goldschmidt," Roundtable: Epigenetics: Its History and Current Issues, Organizer: Erik Peterson, History of Science Society, November 2015.
- "Women's Work in British Genetics, 1900-1950: The John Innes Horticultural Institute and the Edinburgh Institute of Animal Genetics," International Society for the History, Philosophy, and Social Studies of Science, Montreal, Quebec, 10 July 2015.
- "Crossing Educational and Occupational Borders: Austrian Women's Employment in the Life Sciences in the Early Twentieth Century," Austrian Studies Association, University of Michigan-Dearborn, 27 March 2015.
- "Rachel Carson's Advocacy of Environmental Citizenship," Annual Conference in Citizenship Studies, Wayne State University, March 12-14, 2015.
- "Women as Public Intellectuals: Rachel Carson, Charlotte Auerbach, Genetics, and Post-World War II Scientific Activism," History of Science Society, Chicago, 6-9 November 2014.
- "Women in the History of Restriction Enzyme Research," poster session, History of Restriction Enzymes, Cold Spring Harbor Laboratory, Cold Spring Harbor, New York, 19 October 2013.
- "Women and Scientific Practice within Experimental Institutes of Genetics, 1900-40," International Congress for the History of Science, Technology, and Medicine, Manchester, England, 22-26 July 2013.
- "Science During Wartime: Richard Goldschmidt's Internment during the First World War," International Society for the History, Philosophy, and Social Studies of Biology, Montpellier, France, 7-11 July 2013.

#### H. Papers presented (since 2000) (cont.)

- "What's Gender Got To Do With It? Women and Academic Biology, 1880-1940," Workshop on the History of Biology in Honor of Fred Churchill, Indiana University, Bloomington, Indiana, 7-8 December 2012.
- "What's Gender Got To Do With It? Women and Scientific Practice Within the New Experimental Institutes of Genetics, 1900-1940," in "Gender and the Dynamics of Scientific Practice in the United States and Britain, 1850-1930," History of Science Society, San Diego, CA, November 2012.
- "What's Gender Got to Do With It? Women and Biological Laboratories and Research Institutes after 1900," Conference on "The Humanities in Science, Engineering, and Medicine," University of Notre Dame, 8 June 2012.
- "Women's Work in Genetics," presented at the International Symposium Women and Gender Studies: Where Do We Stand?, Commission on Women and Gender Studies of the Division of the History of Science and Technology, International Union of the History and Philosophy of Science, École Normale Supérieure, Paris, 14-17 September 2011.
- "Richard Goldschmidt and Entwicklungsgeschichte," in Debating Entwicklungsgeschichte – Disputed Interpretations, Disputed Legacies, Organizers: Sabine Brauckmann and Scott F. Gilbert, International Society for the History, Philosophy, and Social Studies of Biology, Salt Lake City, Utah, July 2011.
- "Sex and Gender in the Lab: The Strategies for Studying Sex Determination Employed by Anna Rachel Whiting and Phineas Wescott Whiting," in "Women's Strategies for Participating in Science," History of Science Society, November 2009.
- "Images of Women in Early Genetics," International Society for the History, Philosophy, and Social Studies of Biology, Brisbane, Australia, 12-16 July 2009.
- "Bateson's Pre-Mendelian Study of Variation and Heredity," in "Heredity After Darwin: The Search for a Synthesis," History of Science Society, Pittsburgh, 6-9 November 2008.
- "Conflict, Controversy, and Gender in Early Genetics: Selected Case Studies," in the session Gender and Genetics, International Society for the History, Philosophy, and Social Studies of Biology, Exeter, 25-29 July 2007.
2. Invited and/or Refereed Locally/Regionally
- "African Americans in Detroit Before the Civil War," African American History Month, Bethel Deliverance Tabernacle International, Taylor, Michigan, 16 February 2014.
- "Malaria in Michigan," Michigan Academy of Arts, Sciences, and Letters, Hope College, 22 March 2013.
- "Charlotte Perkins Gilbert and Late 19th c. Women's History," NIH Traveling Exhibition, Wayne State University, November 2013.
- "History of African American Medicine in Detroit," Binding Wounds, Pushing Boundaries: African Americans in Civil War Medicine, NIH Travel Exhibition, Wayne State University School of Medicine, Spring 2013
- "Darwin and His Critics," WSU SOAR, Oakland Center: October 2014, April 2014, April 2013.
- "Women's Work in Science: Women in the Genetics Department at Cold Spring Harbor," Department of History, Michigan State University, March 2011.
- "Darwin and Genetics," University of Michigan-Dearborn, Darwin Year 2009, February 2009.

#### I. Invited Seminars or Lectures Presented in Last Five Years

- "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.



#### **I. Invited Seminars or Lectures Presented in Last Five Years (cont.)**

- “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), University of São Paulo, Ribeirão Preto, State of São Paulo, Brazil, 6-8 August 2014.
- “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.
- “Women in the New Private Research Institutes in Genetics: Comparisons Between the Station for Experimental Evolution (USA) and the John Innes Institute Horticultural Institute (England),” for ‘Gender and the secrets of succession: Women scientists working in early genetics (1900-1945),’ University of Groningen, The Netherlands, 11 September 2009.
- “Institutionalizing Mendelism: Women in the John Innes Institute Workforce,” History of Genetics Day (conference celebrating the centennial of the John Innes Centre), Norwich, England, September 2009.
- “Darwin and Genetics, 1909 and 2009,” Lady Margaret Beaufort Lecture, Christ’s College, Cambridge University, 11 March 2009.
- “Darwin and Genetics, 1909 and 2009,” University of Utrecht, The Netherlands, 17 March 2009.
- “Women in Mutation Studies: The Role of Gender in the Methods, Practices, and Results of Early Twentieth-Century Genetics,” Making Mutations: Objects, Practices, Contexts, Max Planck Institute for the History of Science, Berlin, 13-15 January 2009.

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#### **IV. SERVICE**

##### **A. Committee Assignments in Last Five Years**

1. University Committee Membership  
Accessibility 2-N Committee, 2013-2015  
Academic Senate, 2013-2016, Curriculum and Instruction Committee, Elections Committee  
Sustainability Committee, 2012-present
2. College Committee Membership  
CLAS Faculty Council, 2010-2013
1. Department Committee Chaired:  
Director of Undergraduate Studies, 2015-2016  
Executive Committee, 2014-2015; 2013-2014; 2010-2011
2. Department Committee Membership:  
Executive Committee, 2015-2016; 2011-2012;  
Graduate Committee, 2015-2016  
Personnel Committee, 2014-2015; 2011-2012  
Undergraduate Committee, 2009-2016  
Salary Committee, 2012-13, 2016-2017

**B. Other University Service in Last Five Years**

Peace and Conflict Studies Task Force, 2013-2015  
Gender, Sexuality, and Women's Studies Advisory Board, 2013-2014  
Advanced Placement Day lecture, 2013-2017  
Midwestern Association of Graduate Schools (MAGS) thesis review, January 2013  
Working Group on Science and Society Coordinator, Humanities Center, 2002-present

**C. Positions held in Professional Associations in Last Five Years**

History of Science Society  
Secretary, Executive Committee, 2010-2016;  
Council, 2006-2008; 2010-2016;  
Strategic Planning Committee, 2014-2015;  
International Society for the History, Philosophy, and Social Studies of Biology  
President, 2017-2019  
President-Elect, 2015-2017  
American Association for the Advancement of Science  
Nomination Committee, Section L: History and Philosophy of Science, 2016-2018

**D. Journal / Editorial Activity**

1. Editorships

*Journal of the History of Biology*, Co-Editor-in-Chief (with Dr. Karen Rader), 2018-2022

2. Editorial Board Memberships

*Journal of the History of Biology*, Advisory Board, 2004-2016; Associate Editor, 2017

Previous Advisory Board memberships:

*Correspondence of Charles Darwin Project*, 1994-2009

*History and Philosophy of the Life Sciences*, 2003-2010

*Annals of the History and Philosophy of Biology*, 2005-2010

*Isis* (History of Science Society), 2006-2008

*NTM. International Journal of History and Ethics of Natural Sciences, Technology and Medicine*, 1994-2008

3. Manuscript referee:

*Journal of the History of Biology*, 2000-2017

*Gender and History*, September 2016

*History and Philosophy of the Life Sciences*, December 2014

*Endeavour*, 2013, 2012

*Notes and Records of the Royal Society of London*, 2014

*Science and Culture*, 2012

*Science and Education*, 2013

*Isis*, 2015

*Journal of Experimental Zoology, Part B: Molecular and Developmental Evolution*, 2011

**E. Other Professionally Related Service**

1. Grant Reviews:

a. National Science Foundation: Science and Technology Studies Program: 2016, 2015, 2011

b. American Council of Learned Societies, Dissertation Completion Fellowships, 2017, 2016

c. Linda Hall Library of Science, Engineering & Technology Information for the World, Kansas City, Missouri, 2017

2. Book Manuscript Reviews:

- a. University of Pittsburgh Press, 2015, 2016
- b. Michigan State University, 2013
- c. University of Chicago Press, 2012
- d. Rutgers University Press, 2011
- e. WH Freeman's Environmental Science Project Review, 2014
- f. Rutgers University Press, 2011
- g. University Press of Florida, 2006
- h. Springer Publishers, 2007

3. Tenure and Promotion Reviews:

- a. University of New Mexico, 2013
- b. DePaul University, 2012
- c. Yeshiva University, Israel, 2010
- d. Department of the History and Philosophy of Science, Indiana University-Bloomington, 2007
- e. Franklin and Marshall Program in Science and Technology in Society, 2007