

Curriculum Vitae

Dr. Catherine Schaeff

Department of Biology
American University
(202) 713-1197; schaeff@american.edu

Citizenship: Canadian

Education

1993	Queen's University	Ph.D., Conservation Biology and Population Genetics
1988	University of Ottawa	M.Sc., Behavioural Ecology
1983	University of Toronto	B.Sc. (Honours), Animal Behaviour

Employment History

2000-present	Associate Professor, Department of Biology, American University
2010-2014	Associate Dean of Undergraduate Studies, College of Arts and Sciences, American University
2000-2007	Associate Professor and Chair, Department of Biology, American University
1993-1999	Assistant Professor, Department of Biology, American University

Major Administrative and Leadership Experience

2021-present	Co-Chair, CAS Dean's Advisory Committee
2020-2022	Chair, Faculty Senate Undergraduate Curriculum Committee
2018-2019	Chair, Faculty Senate Undergraduate Curriculum Committee
01-06, 2018	Acting Associate Dean of Undergraduate Studies, College of Arts and Sciences
2010-2014	Associate Dean of Undergraduate Studies, College of Arts and Science, American University
2000-2007	Chair, Department of Biology, American University
2003-2006	Co-Chair, University Student Learning and Assessment Task Force, American University
2002-2006	Co-Chair, Joint Senate Committee on Curriculum and Academic Affairs, Faculty Senate, American University
2004-05	Co-Coordinator, Science Student Recruitment Pilot, American University
2001-2005	Co-Chair, University Environmental Issues Project Team
1994-1999	Chair, Graduate Studies Committee, Department of Biology, American University

Honors and Awards

2008	Associate Professor Award, College of Arts and Sciences, American University
2005	Outstanding Administrator Award, American University

Publications

Journal Articles (refereed)

- Schaeff, C. (In prep) Engagement in solo and dyadic sexual behavior by trans adults, what is reasonable to expect? Archives of Sexual Behavior
- Schaeff, C. (In prep) Asexuality: Just another sexual orientation? J. Sexual Medicine
16. **Schaeff, C. 2022.** Assigned-Female-at-Birth Trans Masculine and Non-binary Individuals Differ in Their Body Satisfaction and Desire for Gender Affirming Treatments 2022 Jan 31; DOI 10.1007/s10508-021-02178-3. Archives of Sexual Behavior (<https://orcid.org/0000-0003-3728-9402>)
15. N.J. Patenaude, V.A. Portway, **C.M. Schaeff**, J.L. Bannister, P.B. Best, R.S. Payne, J. Rowntree, M. Rivarola, and C.S. Baker **2007** Mitochondrial DNA Diversity and Population Structure among Southern Right Whales (*Eubalaena australis*) **Journal of Heredity** 98(2):147-157
14. Zofia AK, J Seger, VJ Rowntree, SG Barco, R Benegas, PB Best, MW Brown, RL Brownell, A Carribo, R Harcourt, AR Knowlton, K Marshall-Tilas, NJ Patenaude, M Rivarola, **CM Schaeff**, M Sironi, WA Smith, TK Yamada. Population histories of right whales (Cetacea: *Eubalaena*) inferred from mitochondrial sequence diversities and divergences of their whale lice (Amphipoda: *Cyamus*). **2005. Molecular Ecology** 3439-3456.
13. Best, PB, D Reeb, MB Rew, PJ Palsboll, CM **Schaeff**, A Brandao. **2005.** Biopsying southern right whales; their reactions and effects on reproduction. **Journal of Wildlife Management** 69(3):1171-1180.
12. Goerlitz, D, Belson M., Urban, J., CM **Schaeff.** **2004.** Genetic population structure of Eastern North Pacific gray whales (*Eschrichtius robustus*) on winter breeding grounds in Baja California. **Canadian Journal of Zoology** 81:1965-1972.
11. Best, PB, CM **Schaeff**, D Reeb, PJ Palsboll. **2003.** Composition and possible function of social groupings of southern right whales in South African waters. **Behaviour** 140 (11-12): 1469-1494

10. Steeves T, J Darling, CM **Schaeff** & R Fleischer. **2001** Population structure of gray whales that summer in Clayoquot Sound, British Columbia based on sighting and molecular data. **Conservation Genetics** 2:379-384.
9. Rosenbaum, H, H Brownell, Jr., MW Brown, CM **Schaeff**, VA Portway, BN White, S Malik, L Pastene, PB Best, PJ Clapham, PK Hamilton, M Moore & R Payne. **2000**. A genetic review of interrelationships between right whales in different ocean areas. **Molecular Ecology**. 9:1793-1803.
8. **Schaeff**, CM, PB Best, VJ Rowntree, R Payne, C Jarvis & VA Portway. **1999**. Dorsal skin color patterns among southern right whales (*Eubalaena australis*): genetic basis and evolutionary significance. **J. Heredity** 90:464-471.
7. Schwartz. M, DJ Boness, CM **Schaeff**, P Majluf, EA Perry & RC Fleischer. **1999**. Female solicited extra-pair matings in Humboldt penguins fail to produce extra-pair fertilizations. **Behavioral Ecology** 19(3):242-250.
6. **Schaeff**, CM & PK Hamilton. **1999**. Genetic basis and evolutionary significance of ventral skin color markings in North Atlantic right whales (*Eubalaena glacialis*). **Marine Mammal Science** 15(3):701-711.
5. **Schaeff**, CM, DJ Boness & WD Bowen. **1999**. Female distribution, genetic relatedness, and fostering behavior in harbor seals (*Phoca vitulina*). **Animal Behaviour** 57:427-434. 4. **Schaeff**, CM, SD Kraus, MW Brown, J Perkins, R Payne & BN White. **1997**. Comparison of genetic variability of North Atlantic right whales (*Eubalaena glacialis*) using DNA fingerprinting. **Canadian J. Zoology** 75:1073-1080.
3. **Schaeff**, CM, SD Kraus, MW Brown & BN White. **1993**. Assessment of the population structure of western North Atlantic right whales (*Eubalaena glacialis*) based on sighting and mtDNA data. **Canadian J. Zoology** 71:339-45.
2. **Schaeff**, CM, SD Kraus, MW Brown, D Gaskin, J Perkins, R Payne, P Boag & BN White. **1991**. Preliminary analysis of mitochondrial DNA variation within and between right whale species *Eubalaena glacialis* and *E. australis*. In **Genetic Ecology of Whales and Dolphins**. A.R. Hoelzel (Ed) International Whaling Commission 13:217-224.
1. **Schaeff**, CM & J Picman. **1988**. Destruction of eggs by Western Meadowlarks. **Condor** 90:935-937.

Book Chapters

- Schaeff**, C.M. **2007**. Courtship and Mating Behavior *in* Reproductive Biology and Phylogeny of Cetacea, Whales, Porpoises and Dolphins. DL Miller (Ed) Pg 349-370.
- Schaeff**, CM **2004**. Homosexuality *in* Encyclopedia of Genetics, Revised Edition. Volume 1, pg 419-421. BD Ness and JA Knight (Eds). Salem Press Inc.
- Schaeff**, CM. **2004**. Fostering Behavior *in* Encyclopedia of Animal Behavior. Volume 1, pg 182-184 M Bekoff (Ed). Greenwood Press, Westport, Connecticut.
- Schaeff**, CM. **2002**. Right Whale (*Eubalaena*) Molecular Ecology *in* Cell and Molecular Biology of Marine Mammals. Carl Pfeiffer (Ed). Krieger Pub. Co. (refereed) pg 65-83.

Papers Given at Professional Refereed Meeting (referred)

- Schaeff**, C. "Asexual Adults, Especially Women, May Experience Lower Quality of Life and Hence be More Vulnerable to Minority Stress" Annual Meeting, Organization for the Study of Sex Differences (OSSD) Marina Del Rey, CA. May 2022
- Schaeff**, CM. "Assigned-Female-At-Birth Trans Masculine and Non-binary Individuals Differ in Body Satisfaction and Their Desire for Gender Confirming Treatments" Annual Meeting CSRF, Canadian Sex Research Forum. Scope: International. Refereed. (online) November 2021
- Schaeff**, CM. *Non-binary/Genderqueer Individuals' Unique Relationship to Physical Transitioning* **Annual Meeting**, Canadian Sex Research Forum (online) November 2020
- Stapleton, R., **Schaeff**, C., "What influences sexual activity? Investigating Factors That Impact Sexual Behavior," Annual Meeting CSRF, Canadian Sex Research Forum, Victoria BC Canada. Scope: International. Refereed. October 2019
- Schaeff**, C. "Examining the Interrelatedness of Transitioning and Sexuality," Canadian Sex Research Forum Annual Meeting, CSRF, Victoria BC Canada. Scope: International. Refereed. October 2019
- Schaeff**, C. "Shifts in Patterns of Attraction - a Trans Specific Pattern or Just Par for the Course?" USPATH, WPATH, Washington DC. Scope: International. Refereed. (September 2019)
- Schaeff**, C., *Transmen's Sexual Attraction Patterns: When and Why do They Shift?*, Annual Meeting, Society for the Scientific Study of Sexuality, Montreal Canada. November 2018
- Kaczmarkiewicz, R., **Schaeff**, C., *Assessment of Sexual Attraction Pattern Development for Cisgender and Transgender Adults*, Annual Meeting, Society for the Scientific Study of Sexuality (SSSS), Montreal Canada. Scope: International. Refereed. November 2018
- Schaeff** C.M. Shifts in Trans Men's Sexual Orientation. **Cambridge Conference: International Conference on Gender**. Cambridge England Dec **2017**
- Schaeff** CM. *Monitoring marine mammal health: maximizing the fluctuating asymmetry signal*. Monitoring Strategies for Marine Mammal Populations, La Rochelle, 21-23 November **2008**. **Centre de Recherche sur les Mammifères Marins Annual Seminar** (Oral presentation)
- Schaeff** CM and P Hall *Homosexual Women's Assessment of Models' Attractiveness* **International Association of Sex Research** (ISAR) Leuven, Belgium **2008**.

- Bifolck A and **CM Schaeff**. *Relationship between fluctuating asymmetry levels and other health indicators in California sea lions*. **Carnivores Conference**, St. Petersburg, FL [co-presenters] **2006**.
- Hall P and **CM Schaeff** *The Potential Role for Developmental Instability in Sexual Orientation*. International Behavioral Development Symposium: Biological Basis of Sexual Orientation, Gender Identity, and Sex-Typical Behavior Minot State University, Minot, ND **2005**.
- Maguire C and **CM Schaeff**. *Fluctuating Asymmetry in Harbor Porpoises (Phocoena phocoena) - A Useful Bioindicator of Health?* **Biennial Conference on the Biology of Marine Mammals**, Greensboro NC. 12/2003.
- Coy B and **CM Schaeff** *Has sea lion fitness declined over the past century?* **International Marine Mammal Conference**, Vancouver, BC. **2001**.
- Seger, Kaliszewska, Best, Brown, Carribero, Knowlton, **Schaeff**, Rowntree. *What can the phylogenetic and population-genetic relationships of right-whale cyamids tell us about the history and behavior of right whales?* **International Marine Mammal Conference**, Vancouver, BC. **2001**.
- Schaeff**, CM and PB Best. *Where or when – the enigma of right whale conception*. **International Marine Mammal Conference**, Vancouver, BC. **2001**.
- Goerlitz, D, Belson M., Urban, J., **CM Schaeff**. *Genetic population structure of Eastern North Pacific gray whales (Eschrichtius robustus) on winter breeding grounds in Baja California*. **International Marine Mammal Conference**, Vancouver, BC. **2001**.
- Dorsey C and **CM Schaeff**. *Is fluctuating asymmetry a good bio-indicator for manatees?* **International Marine Mammal Conference**, Vancouver, BC. **2001**.
- Gaines C, Brownell, Jr, RL, **Schaeff**, CM and HC Rosenbaum. *Evaluating relationships among right whales using nuclear gene regions*. **International Marine Mammal Conference**, Vancouver, B.C. **2001**.
- Schaeff** C.M. *Fluctuating asymmetry as a tool to assess population health: methodological concerns*. **Right Whale Consortium Annual Meeting** New England Aquarium, Boston, MA. **2000**. (Oral presentation)
- Schaeff**, C.M.. *Is fluctuating asymmetry an effective indicator of environmental and genetic stress in cetaceans?* **Society of Conservation Biology**, Missoula, MT. **2000**. (Oral presentation)
- Patenaude, NJ, VA Portway, **CM Schaeff**, JL Bannister, PB Best, RS Payne, VJ Rowntree, M Rivarola and CS Baker. *Mitochondrial DNA genetic differentiation and current genetic population structure among southern right whale populations*. **International Marine Mammal Conference**, Maui, HI. **1999**.
- Rosenbaum, H, H Brownell, Jr., MW Brown, **CM Schaeff**, VA Portway, BN White, S Malik, L Pastene, PB Best, PJ Clapham, PK Hamilton, M Moore & R Payne. *A genetic review of interrelationships between right whales in different ocean areas*. **International Marine Mammal Conference**, Maui, HI. **1999**.
- Steeves, T, J Darling & **CM Schaeff**. *Population structure of gray whales that summer in Clayoquot Sound, British Columbia based on sighting and molecular data*. **International Marine Mammal Conference**, Monaco. **1998**.
- Portway, V, **CM Schaeff**, PB Best, VJ Rowntree, & R Payne. *Southern right whale distribution and stock identity*. **International Marine Mammal Conference**, Monaco. **1998**.
- Marshall-Tilas, Rivarola, Arias, Moore, Payne, Pfeiffer, Portway, Rowntree, **Schaeff** & Schel. *Information resulting from a stranding network established for right whales (Eubalaena australis) at Peninsula Valdes, Argentina*. **International Marine Mammal Conference**. Monaco. **1998**.
- Schaeff**, CM, PB Best, VJ Rowntree, R Payne, C Jarvis & VA Portway. *Dorsal skin color patterns among southern right whales (Eubalaena australis): genetic basis and evolutionary significance*. **International Marine Mammal Conference**. Monaco. **1998**.
- Schaeff**, CM, DJ Boness & WD Bowen. *Is fostering behavior in harbor seals a consequence of kin selection?* **International Marine Mammal Society Conference**, Orlando, FL. **1995**.
- Schaeff**, CM, D. Boness & D. Bowen. *Preliminary assessment of the importance of genetic relatedness for fostering behavior among harbor seals*. **Marine Mammal Genetics Symposium**, La Jolla, CA. **1994**. (Oral presentation)
- Schaeff**, CM, SD Kraus, MW Brown, J Perkins, R Payne & BN White. *Inbreeding depression in North Atlantic right whales*. **Marine Mammal Society Conference**, Galveston, TX. **1993**. (Oral presentation)
- Schaeff**, CM, SD Kraus, MW Brown, J Perkins, R Payne & BN White. *mtDNA variation within and between right whale populations in the Atlantic Oceans*. **Canadian Genetics Society**, Kingston, ON. **1991**. (Oral presentation)
- Schaeff**, CM, SD Kraus, MW Brown & BN White. *Population structuring of North Atlantic right whales detected with mtDNA RFLP analysis*. **Society for the Study of Evolution**, Hilo, HI. **1991**.

Invited Presentations

“Why we should remove the T from LGBTQ” Presented Jan 17, 2021 at Takoma Park TPLAG.

Sponsored Research

2006-2007 “Manatee population health: do fluctuating asymmetry and internal relatedness estimates support down listing this population from endangered to threatened? American University Senate Research Award

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- \$5,550.
- 2001-2002 “Is fluctuating asymmetry an effective bio-indicator for right whales?” American University Senate Research Award \$9,050.
- 1998-1999 “Genetic assessment of gray whale summer population structure” American University Senate Summer Research Award, \$10,000.
- 1995-1996 “Gene flow among right whale winter breeding grounds” American University Summer Research Award, \$10,000.
- 1994-1995 “Harbor seal fostering behavior”. American University Senate Research Award, \$10,000.

Consulting and Editorial Activities

- 1998-present *Ad hoc* reviewer
Conference Abstracts: Society of Marine Mammalogy
Grant Proposals: NSF (grant applications),
Ad hoc Manuscripts: J. Marine Mammal Science, J. Behavioral Ecology, Ethology, J. Animal Behaviour
- 1996-2003 A.S.K.-A-Scientist, WhaleNet interactive educational project.
- 2001, 2002 Grant Review Panel for Protect Wild Dolphin, Harbor Branch Oceanographic Institution, Inc. (HBOI) in Fort Pierce, Florida.
- 1996 Reviewer, Environmental Science: A Global Concern, by Cunningham & Saigo, The Corporate Environment Leader by B. Dell.
- 1995 Reviewer, Understanding Evolution by E. Peter Volpe, Brown Publishers.

Graduate Students (and their publications)

Biology Master's of Science Degree Program

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|------------------|--------------|---|
| Maya Sanders | 2021-2022 | Committee Chair |
| Rhealene Fowler | 2021-present | Committee Member |
| Dorian Russell | 2017-2019 | Committee Member |
| Michael Schwartz | 1994-1997 | |
| | | Female solicited extra-pair matings in Humboldt penguins fail to produce extra-pair fertilizations. |
| Vicki Portway | 1995-1998 | |
| | | Genetic population structure of South Atlantic right whales (<i>Eubalaena australis</i>). |
| Tammy Steeves | 1995-1998 | |
| | | Population structure of gray whales that summer in Clayoquot Sound, British Columbia based on sighting and molecular data |
| David Goerlitz | 1999-2001 | |
| | | Genetic population structure of Eastern North Pacific gray whales (<i>Eschrichtius robustus</i>) on winter breeding grounds in Baja California. |
| Bonnie Coy | 1999-2002 | |
| | | Assessing the impact of modern environmental stress on California sea lions (<i>Zalophus californianus</i>) using fluctuating asymmetry. |
| Candice Dorsey | 1999-2002 | |
| | | Is Fluctuating asymmetry an effective bio-indicator for the Florida Manatee? |
| Mandy Maguire | 2001-2004 | |
| | | Fluctuating Asymmetry in Harbor Porpoises (<i>Phocoena phocoena</i>) - A Useful Bioindicator of Health? |
| Kara Stablein | 2005-2008 | |
| | | Human mate choice: does self symmetry influence the importance of symmetry in mates? |
| Cara Crawford | 2006-2008 | |
| | | Population health of Bottlenose dolphins from Sarasota evaluated using fluctuating asymmetry. |
| Spencer Koury | 2007-2009 | |
| | | Health and population structure of Florida Key Deer. |
| Bethany Holm | 2007-2009 | |
| | | Link between FA estimates, mortality factors and levels of genetic variability in coding and non-coding DNA markers. |

Behavior, Cognition, & Neuroscience (BCAN) PhD Degree Program

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| Trish Hall | 2002-2010 |
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Sexual Orientation and Fluctuating Asymmetry in Men and Women.

Teaching

Areas of Teaching Expertise: Animal Behavior and Behavioral Ecology; Mating Systems, Molecular Ecology, Biology of Sex and Gender; Conservation Biology, Marine Mammals, Evolution.

Courses Taught

S21 CORE 105 (x2) Desire: What's Love Got to Do with It? (Complex Problem)

F21 CORE 105 (x1), CORE 107 (x1) (University College version)

BIO 442/642 Behavioral Ecology

BIOLOGY

General Education: BIO 210 General Biology II BIO 220 Case for Evolution
BIO 240 Oceanography BIO 250 Living in the Environment

CORE CORE 105 Desire, what's love got to do with it? (Complex Problem)

CORE 330 Animal Conservation (Ethical Reasoning)

Biology Majors: BIO 356 Genetics BIO 342 Animal Behavior*
BIO 342 Marine Mammals* BIO 442 Behavioral Ecology*
BIO 364 Evolution*

Biology Graduate: BIO 579 Topics in Evolutionary Biology BIO 642 Behavioral Ecology
BIO 677/679 Topics in Evolutionary Biology
BIO 697 Research Methods

ENVIRONMENTAL SCIENCE

General Education: BIO 250 Living in the Environment
ENVS Majors ENVS 102 Seminar in Environmental Issues
ENVS Graduate ENVS 572 Conservation Biology*

WOMEN AND GENDER STUDIES

WGST Majors: WGST 350 Evolution of Desire*
WGST-350.001 Interpreting Gender in Culture: Biology, Sex and Gender*
WGST 350.01 Biology, Sex and Gender*

OTHER

School of Education BIO 596 –N91U Modeling the Scientific Method [DCPS teachers]*
General Education GEN 220 Genetics: Ethical, Legal and Social Issues (co-taught with Ellen Feder, Philosophy)*
Honors HNRS-301.001 Colloquium: Mating Systems*

* Developed and taught course

University Service

University:

2020-2022 Member, Honors Program Advisory Committee
2020-2022 Member, Study Abroad Faculty Advisory Committee
2020-2022 Member, CORE Council
2020-2022 Member, Faculty Senate Executive Committee
2020-2022 Chair, Faculty Senate Undergraduate Curriculum Committee
2018-2019 Chair, Faculty Senate Undergraduate Curriculum Committee
2018-2019 Member, Honors Program Advisory Committee
2018-2019 Member, Study Abroad Faculty Advisory Committee
2020-2022 Member, Faculty Senate Executive Committee
2017 Ad hoc Faculty Senate Committee: development of new Standing Committee for Diversity and Inclusivity
2016-present Faculty Senate, elected member CAS Natural Sciences
2015-2016 Reinventing our Student Experience: RiSE Task Force
2015-2016 Reinventing our Student Experience: RiSE Organizational Model Subcommittee
2003-2016 Greenberg Seminar for Effective Teaching, Coordinator and Presenter, Year 1, 3
2012-2013 Registrar Task Force on Student Enrollment
2011-2012 Undergraduate task force on Marketing and Enrollment
2007-2010 University Council
2006-2007 *Ad Hoc* Science Cluster Building Committee
2006-2007 *Ad Hoc* Science Cluster External Funding Committee

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2006-2007 *Ad Hoc* Five Year, BA/MA Committee
 2006 Elected Member, Dean of Academic Affairs Search Committee
 2004-2006 Advisory Council, University Honors Program
 2003-2006 Co-Chair, University Student Learning and Assessment Task Force, American University
 2002-2006 Senator, Faculty Senate
 2002-2006 Co-Chair, Joint Senate Committee on Curriculum and Academic Affairs, American University
 2001-2006 Co-Chair, University Environmental Issues Project Team
 2004-2005 Co-Coordinator, Science Student Recruitment Pilot, American University
 2002-2005 Building Marshall, Hurst Hall
 2004 University College Development Workshop
 2002-2003 Member, Middle States Review, Governance Committee
 2001-2002 At-Large Member, University Senate

College:

2020-present Dean's Advisory Committee, Co-Chair
 2018, 01-06 Acting Associate Dean for Undergraduate Studies
 2010-2014 Associate Dean for Undergraduate Studies
 2016-present Panel Member, Academic Integrity Code Panels: *ad hoc* basis
 2007-present Science Rank and Tenure Committee
 2009/2010 Chair, Dean's Advisory Committee
 2008-2010 Dean's Advisory Committee
 2008-2010 Educational Policy Committee
 1998-2010 Panel Member, Academic Integrity Code Panels: *ad hoc* basis
 2007, 2008 Session Convener, Robin Mathias Research Conference
 2006- 2008 Judge, Robin Mathias Research Conference
 2005 Session Convener, Robin Mathias Research Conference
 2001-2002 *Ad Hoc* PhD Program Review Committee
 2001-2003 *Ad Hoc* Committee on Technology Resources
 1999-2000 Search Committee, Dean, School of Education
 1999-2000 Science Advisory, School of Education

Departmental:

2020-present DEI committee, Co-Chair
 2016-present Undergraduate Curriculum Committee
 2016-present Undergraduate Studies Committee
 2014- present Rank and tenure Committee
 2014/2015 Departmental Self Study, Undergraduate Program
 2015-2016 Biology Student Academic Advisor
 2008-2010 Undergraduate Studies Committee, Chair
 2008-2010 Undergraduate Curriculum Assessment Coordinator
 2007-2008 Environmental Graduate Studies Committee; Chair
 2007-2008 Academic Advisor, Environmental Science MS Program
 2007-2008 Cell Biologist Search Committee, Chair
 2007-2011 Biology Rank and Tenure Committee
 2000-2007 Chair, Department of Biology
 2000-2007 Academic Advisor, Biology Undergraduate Program
 2003-2005 Environmental Studies Undergraduate Studies Committee
 2000-2005 Environmental Studies Graduate Studies Committee
 2000-2005 Biology Undergraduate Studies Committee
 1995-2001 Chair, Biology Graduate Studies Committee
 2002-2003 Chair, Faculty Search Committee (Biogeochemist)
 2001-2002 Chair, Faculty Search Committee (Microbiologist)
 1999-2001 Faculty Search Committee (Geneticist)

Diversity Training (exemplars)

2020 *Interrogating the Whiteness, Antiracism, and Racism in Practice*, Curriculum, and Policy; Center for Teaching, Research & Learning, American University

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- 2019 *Waking Up White*, Weekend Workshop Takoma Park, MD
- 2019 *Disability, Access, Teaching Symposium*; Critical Race, Gender, and Culture Studies Collaborative, American University
- 2018 *Racial Awareness and Mindfulness*; three-day workshop, produced by Therese Taylor-Stinson; Washington DC
- 2018 *Gender Identity in Healthcare*; Maryland Assoc. of Health Care Executives, National Institutes of Health, Clinical Research Center
- 2018 *Orientation: Teaching about Identity, Attraction, and Behavior*; Temple University, Ambler, PA
- 2017 *White Awareness: Study Group and Listening Circle*; six-week workshop; virtual; Plum Village
- 2016 *Staying in the Conversation: race and its intersections*; three-week workshop; produced by Celine Marie Pascal and Fanta Aw; American University, Washington DC. Note: I was a teaching assistant for the workshop the following year.

Experience with Radioactive Materials

Extensive experience using P³² (southern blots) and S³⁵ (sequencing, microsatellites). Initial intensive training carried out at Queen's University, Kingston Ontario (1989); training updates obtained annually at NIH, Maryland (1993-present).

Membership in Professional Societies

International Academy of Sex Research (Associate Member, elected position), Society for the Scientific Study of Sex (Elected member), Canadian Sex Research Forum (Elected member)
 Society of Conservation Biology, Society for the Study of Evolution, Marine Mammal Society.

Recent External Service

Reviewer, Ad Hoc Reviewer, International Academy of Sex Research, *Archives of Sexual Behavior*, Springer, Appointed. (2019 - Present)

Faculty Member, Academic Advisory Board, Sea Education Association, Wood's Hole, MA, Appointed. (September 2016 - 2019)
 Advisory board provides advise and oversight for academic curriculum for the SEA Semester at Sea program, out of Wood's Hole.