

Carrie C. Veilleux, Ph.D.
Curriculum Vitae

Department of Anatomy
Midwestern University
19555 N 55th Ave
Glendale, AZ 85308

AREAS OF SPECIALIZATION:

Sensory ecology, sensory anatomy, molecular ecology, primate evolution and ecology

ACADEMIC AND PROFESSIONAL APPOINTMENTS:

2025-present | Associate Professor | Department of Anatomy | College of Graduate Studies | Midwestern University, Glendale, AZ

2020-2025 | Assistant Professor | Department of Anatomy | College of Graduate Studies | Midwestern University, Glendale, AZ

2018-2019 | Lecturer | Department of Anthropology | University of Texas at Austin, Austin, TX

2015-2017 | Lecturer | Department of Anthropology | Texas State University, San Marcos, TX

2013 | Lecturer | Department of Anthropology | Texas State University, San Marcos, TX

EDUCATION

2006-2012 | Ph.D. Biological Anthropology | Department of Anthropology | University of Texas at Austin, Austin, TX | Advisor: E. Christopher Kirk, Ph.D. | Dissertation: *Effects of light environments on the evolution of primate visual systems*

2004-2006 | M.A. Biological Anthropology | Department of Anthropology | University of Texas at Austin, Austin, TX | Advisor: E. Christopher Kirk, Ph.D. | Thesis: *Visual acuity in a cathemeral lemur (Eulemur macaco flavifrons): implications for strepsirrhine visual ecology*

2000-2004 | B.A. Anthropology, Psychology minor | Summa cum laude | Barrett Honors College | Arizona State University | Thesis Advisor: Leanne T. Nash, Ph.D.

POSTGRADUATE TRAINING

2018-2020 | Postdoctoral Research Associate | Department of Anthropology | University of Texas at Austin, Austin, TX | Advisor: Rebecca J. Lewis, Ph.D.

2018 | Postdoctoral Researcher | Department of Anatomy | University of North Texas Health Science Center, Ft. Worth, TX | Advisor: Magdalena N. Muchlinski, Ph.D.

2017-2018 | Postdoctoral Scholar | Department of Anthropology and Archaeology | University of Calgary, Calgary, Alberta, Canada | Advisor: Amanda D. Melin, Ph.D.

2015-2016 | American Association of University Women Postdoctoral Fellow | Department of Anthropology, Austin, TX | University of Texas at Austin | Advisor: Deborah Bolnick, Ph.D.

2013 | Postdoctoral Research Associate | Department of Anthropology | Yale University, New Haven, CT | Advisor: Brenda J. Bradley, Ph.D.

PROFESSIONAL HONORS AND AWARDS

2018 | University of Calgary Banting Postdoctoral Fellowship Nominee, \$5,000 (CAD)
2015-2016 | American Association of University Women Postdoctoral Fellowship, \$30,000
2012 | Outstanding Student Presentation in Anthropological Genetics, American Association of Physical (Biological) Anthropologists meeting, \$200
2012 | Pollitzer Travel Award, American Association of Physical (Biological) Anthropologists meeting, \$500
2011 | Honorable Mention for Student Prize, American Society of Primatologists, \$100
2010 | Podium Prize, Texas Association of Biological Anthropologists meeting
2010 | Mitchell Award for Excellence in Graduate Research, University of Texas at Austin, \$2000
2010 | Earnest Albert Hooten Prize, American Association of Physical (Biological) Anthropologists meeting, \$750
2010 | University of Texas at Austin Harrington Dissertation Fellowship, \$46,000
2006 | Liberal Arts Graduate Research Fellowship, University of Texas at Austin, \$2,000
2005-2008 | National Science Foundation Graduate Research Fellowship, \$40,000/yr x 3 years
2005-2008 | David J. Bruton Fellowship, University of Texas at Austin, \$3,000/yr x 3 years
2004 | University of Texas at Austin Pre-emptive Fellowship, \$15,000
2004 | National Science Foundation Graduate Research Fellowship, Honorable Mention
2004 | Department Award for Undergraduate Achievement in Anthropology, Arizona State University

SUMMARY OF CURRENT AND PAST EXTRAMURAL GRANT SUPPORT

Current Grants

2022 | Unraveling the anatomical and molecular adaptations of primate touch. National Science Foundation BCS #2218023, Principal Investigator. Co-PIs Amanda Melin and Magdalena Muchlinski. 09/2022 to 08/2027. \$625,656

Past Grants

2025 | Investigating the comparative anatomy of Xenarthran hands using diceCT. Outsourcing Fund, Midwestern University. \$4,550
2023 | Exploring precision touch using spatial transcriptomics. Outsourcing Fund, Midwestern University. \$2,974
2022 | Grasping the genetic basis of precision touch in a primate model. Faculty Seed Grant, Midwestern University. \$20,000
2021 | Grasping our evolutionary origins: Unraveling the anatomical and molecular adaptations of discriminative touch. Outsourcing Fund, Midwestern University. \$5,000

Dissertation Field Project “Effects of nocturnal light environment on the evolution of nocturnal primate color vision” funded by several grants:

- 2009 | Dissertation Fieldwork Grant, Wenner-Gren Anthropological Foundation. \$13,441
- 2009 | Dissertation Grant, Leakey Foundation. \$4,080
- 2009 | Lewis and Clark Grant, American Philosophical Society. \$1,000
- 2008 | Grant-in-Aid of Research, American Society of Mammologists. \$1,500

Dissertation Molecular Project “Ecological correlates of differential selection on *S opsin* genes in nocturnal primates” funded by:

- 2008 | Dissertation Improvement Grant (#0752692), National Science Foundation. \$13,133
- 2007 | Grant-in-Aid of Research, Sigma Xi. \$1,000

SCHOLARLY PUBLICATIONS

Peer-Reviewed Journal Articles (*co-first authors, †Midwestern students)

2026 | Aguado W, Karageorgiou C, Kassem S, Rojas RH, Vogel E, **Veilleux C**, Melin A, Ruhl S, Gokcumen O, Pajic P. Multiscale structural evolution shapes primate salivary defenses. *Molecular Biology and Evolution*. Online ahead of print: <https://doi.org/10.1093/molbev/msag224>

2024 | Vera Covarrubias B*, Kamminga JM*†, Muchlinski MN, Munds RA, Villero Núñez V, Bauman Surratt S, Cayo Biobank Research Unit, Martinez MI, Montague MJ, Higham JP, Melin AD, **Veilleux CC**. Investigating mechanoreceptor variability and morphometric proxies in rhesus macaques: Implications for primate precision touch studies. *Anatomical Record*. 309: 1005-1024. <https://doi.org/10.1002/ar.25587>

2025 | Fernandes AG, Poirier AC, **Veilleux CC**, Melin AD. Contributions and future potential of animal models for geroscience research on sensory systems. *GeroScience* 47: 61-83. <https://doi.org/10.1007/s11357-024-01327-5>

2024 | **Veilleux CC**, Tecot SR, Lewis RJ. Fat storage and drought tolerance in a seasonally-adapted primate: Implications for models of global climate change. *Integrative Conservation* 3: 168-182. <https://doi.org/10.1002/inc3.65>

**Chosen for cover story of issue

2023 | **Veilleux CC***, Garrett EC*, Pajic P*, Saitou M, Dominy NJ, Perry GH, Gokcumen O, Melin AD. Human subsistence and signatures of selection on chemosensory genes. *Communications Biology* 6: 683. <https://doi.org/10.1038/s42003-023-05047-y>

2022 | **Veilleux CC**, Dominy NJ, Melin AD. Sensory ecology of primate food perception, revisited. Invited review. *Evolutionary Anthropology* 31:281-301. <https://doi.org/10.1002/evan.21967>

2022 | Melin AD*, **Veilleux CC***, Janiak M, Hiramatsu C, Sánchez-Solano K, Webb S, Williamson R, Mah M, Murillo-Chacon E, Schaffner C, Hernández-Salazar L, Aureli F, Kawamura S. Anatomy and dietary specialization influence sensory behaviour among sympatric primates. *Proceedings of the Royal Society of London B Biological Sciences* 289: 20220847. <https://doi.org/10.1098/rspb.2022.0847>

- 2021 | **Veilleux CC**, Kawamura S, Montague MJ, Hiwatashi T, Matsushita Y, Fernandez-Duque E, Link A, Di Fiore A, Snodderly DM. Color vision and niche partitioning in a diverse neotropical primate community in lowland Amazonian Ecuador. *Ecology and Evolution*. 11:5742-5758. <https://doi.org/10.1002/ece3.7479>
- 2019 | Jacobs RL, **Veilleux CC**, Louis EE, Frankel DC, Irwin MT, Melin AD, Bradley BJ. Less is more: Lemurs (*Eulemur* spp.) potentially benefit from loss of trichromatic vision. *Behavioral Ecology and Sociobiology* 77:22. <https://doi.org/10.1007/s00265-018-2629-9>
- 2016 | **Veilleux CC**, Scarry CJ, Di Fiore A, Kirk EC, Bolnick DA, Lewis RJ. Group benefit associated with polymorphic trichromacy in a Malagasy primate (*Propithecus verreauxi*). *Scientific Reports* 6: 38418. <https://doi.org/10.1038/srep38418>
- 2016 | Guevara EE, **Veilleux CC**, Saltonstall K, Caccone A, Mundy NI, Bradley BJ. Potential arms race in the coevolution of primates and angiosperms: brazzein sweet proteins and gorilla taste receptors. *American Journal of Physical Anthropology* 161: 181-185. <https://doi.org/10.1002/ajpa.23046>
- 2014 | **Veilleux CC**, Kirk EC. Visual acuity in mammals: effects of eye size and ecology. *Brain, Behavior and Evolution* 83: 43-53. <https://doi.org/10.1159/000357830>
 **Chosen as “Editor’s Choice” article
- 2014 | **Veilleux CC**, Jacobs RL, Cummings ME, Louis EE, Bolnick DA. Opsin genes and visual ecology in a nocturnal folivorous lemur. *Invited Article. International Journal of Primatology* 35: 88-107. <https://doi.org/10.1007/s10764-013-9708-6>
- 2013 | **Veilleux CC**, Louis EE, Bolnick DA. Nocturnal light environments influence color vision and signatures of selection on the *OPN1SW* opsin gene in nocturnal lemurs. *Molecular Biology and Evolution* 30: 1420-1437. <https://doi.org/10.1093/molbev/mst058>
- 2012 | **Veilleux CC**, Cummings ME. Nocturnal light environments and species ecology: implications for nocturnal color vision in forests. *Journal of Experimental Biology* 215: 4085-4096. <https://doi.org/10.1242/jeb.071415>
- 2011 | **Veilleux CC**, Lewis RJ. Effects of habitat light intensity on mammalian eye shape. *Anatomical Record* 294: 905-914. <https://doi.org/10.1002/ar.21368>
- 2009 | **Veilleux CC**, Bolnick DA. Opsin gene polymorphism predicts trichromacy in a cathemeral lemur. *American Journal of Primatology* 71: 86-90. <https://doi.org/10.1002/ajp.20621>
- 2009 | **Veilleux CC**, Kirk EC. Visual acuity in a cathemeral strepsirrhine (*Eulemur macaco flavifrons*). *American Journal of Primatology* 71: 342-352. <https://doi.org/10.1002/ajp.20665>

Invited Peer-Reviewed Book Chapters

In Press | **Veilleux CC**. Optics of mammalian vision. In *Oxford Research Encyclopedia of Neuroscience*, editor SM Sherman. Oxford: Oxford University Press.

2024 | Melin AD, **Veilleux CC**. Primate senses: finding and evaluating food. In *How Primates Eat: A Synthesis of Nutritional Ecology across a Mammal Order*, editors JE Lambert, MAH Bryer, & J Rothman. Chicago: University of Chicago Press, pp. 95-113. <https://doi.org/10.7208/chicago/9780226829746-009>

2023 | **Veilleux CC**, Heesy CP. Visual system of the only nocturnal anthropoid, *Aotus* – the owl monkey. In *Owl Monkeys - Biology, Adaptive Radiation, and Behavioral Ecology of the Only Nocturnal Primate in the Americas*, editor E Fernandez-Duque. Developments in Primatology: Progress and Prospects. Springer, pp. 203-249. https://doi.org/10.1007/978-3-031-13555-2_7

2020 | **Veilleux CC**. Seeing in the dark: Visual function and ecology in lorises and pottos. In: *Evolution, Ecology and Conservation of Lorises and Pottos*, editors KAI Nekaris & AM Burrows. Cambridge Studies in Biological and Evolutionary Anthropology. Cambridge: Cambridge University Press, pp. 174-186. <https://doi.org/10.1017/9781108676526.017>

2019 | **Veilleux CC**. Sensory polymorphisms and dietary adaptation. In *A Companion to Anthropological Genetics*, editor Dennis O'Rourke. John Wiley & Sons, Inc., pp. 233-250. <https://doi.org/10.1002/9781118768853.ch16>

2018 | **Veilleux CC**. Primate color vision, genetics of. Invited peer-reviewed encyclopedia article in: *The International Encyclopedia of Biological Anthropology*, editor Wenda Trevathan. John Wiley and Sons, Inc. <https://doi.org/10.1002/9781118584538.ieba0204>

2017 | **Veilleux CC**. Genetics of primate color vision. Invited peer-reviewed encyclopedia article in the *International Encyclopedia of Primatology*, editor Agustin Fuentes. John Wiley and Sons, Inc. <https://doi.org/10.1002/9781119179313.wbprim0098>

SCHOLARLY SEMINARS AND OTHER S PRESENTATIONS

Select Invited Seminars and Presentations

2023 | **Veilleux CC**, Muchlinski MN, Melin AD | “Grasping at primate touch: integrating genetics, histology, and ecology” | Sensory World of Vertebrates symposium, International Congress of Vertebrate Morphology, Cairns, New South Wales, Australia. July 30

2023 | “Grasping at primate touch: integrating genetics, anatomy, histology, and ecology” | American Association of Anatomy (webinar). September 13

2022 | “Unraveling the anatomical and molecular adaptations of primate touch” | Mark Krasnow Lab, Stanford University (virtual). September 30

2022 | “Grasping the genetic basis of haptic sensation” | Cayo Jamboree, Arizona State University. Tempe, AZ. April 28

2022 | “Investigating the molecular ecology of primate touch” | Department of Integrative Anatomical Sciences Seminar, University of Southern California. April 5

2022 | **Veilleux CC**, Janiack MC, Hiramatsu C, Sánchez-Solano KG, Lundeen IK, Webb SE, Williamson RE, Mah MA, Murillon-Chacon E, Schaffner CM, Hernández-Salazar L, Aureli F, Kawamura S, Melin AD | “Behavioral ecology of olfaction in sympatric platyrrhines and the role of anatomical proxies of olfactory reliance” | “The 'neglected sense' revisited: advances in the study of olfaction in primate

ecology, behavior and evolution” symposium, International Primatological Society Congress, Quito, Ecuador (virtual). January 13

2020 | “Sensory adaptations and foraging: how useful are anatomical proxies of sensory reliance?” | Center for Evolution & Medicine Seminar Series, Arizona State University. September 17

2015 | “Ecological influences on visual acuity and color vision in non-human primates and humans” | Laboratory of Evolutionary Anthropology (Shoji Kawamura), University of Tokyo. August 18

2013 | “Experiencing nocturnality: understanding the visual world of nocturnal lemurs” | Texas State University Anthropology Department Speaker Series. February 6

Select Conference Presentations without Published Abstracts (†Midwestern students)

2026 | Donahue E[†], Melin AD, Muchlinski MN, **Veilleux CC**, Vera BC, Wang A[†] | Investigating convergent sensory adaptations of the prehensile tail across mammals. [poster] | Veterinary Scholars Symposium, Raleigh, NC. Aug 6-8, 2026

2026 | Donahue E[†], Melin AD, Muchlinski MN, **Veilleux CC**, Vera BC, Wang A[†] | A tale of three tails. [poster] | Veterinary Scholars Symposium, Raleigh, NC. Aug 6-8, 2026

2026 | Berg M, Cavaliere J[†], Cruz J[†], Melin AD, Muchlinski MN, Smith HF, **Veilleux CC** | Micro-computed tomography-based characterization of muscular and neurovascular anatomy in the manus of the northern tamandua (*Tamandua mexicana*). [poster by J Cavaliere] | Veterinary Scholars Symposium, Raleigh, NC. Aug 6-8, 2026

2026 | Berg M, Cavaliere J[†], Cruz J[†], Melin AD, Muchlinski MN, Smith HF, **Veilleux CC** | Three-dimensional reconstruction and integrated anatomical analysis of the manus in the northern tamandua (*Tamandua mexicana*). [poster by J Cruz] | Veterinary Scholars Symposium, Raleigh, NC. Aug 6-8, 2026

2025 | Muchlinski MN, Vera BC, Melin AD, **Veilleux CC** | Sense and sensibility: a comparative study of touch cell densities in primates. [podium] | International Primatological Society Congress, Antananarivo, Madagascar, Jul 20-26, 2025

2025 | Chung EY[†], Hinz EA[†], Kulik TA[†], Muchlinski MN, Melin AD, Smith HF, **Veilleux CC** | Evaluation of manus bones, muscles and neurovasculature in the brown-throated three-toed sloth (*Bradypus variegatus*) using micro-computed tomography. [poster presentation by E Chung] | Veterinary Scholars Symposium, Spokane, WA, Aug 7-9, 2025

2023 | **Veilleux CC**, Vera BC, Kamminga J, Muchlinski MN, McDermott J, Munds RA, Bauman Surratt S, Cayo Biobank Research Unit, Martinez MI, Montague MJ, Higham JP, Melin AD | | Exploring molecular markers of primate precision touch [podium] | Southwest Association of Biological Anthropologists conference, Tucson, Arizona.

2017 | **Veilleux CC**, Garrett EC, Dominy N, Perry GH, Melin AD. Farming and the convergent evolution of human chemosensation [podium] | Canadian Association of Physical Anthropologists annual meeting, Edmonton, Alberta, Canada.

2016 | **Veilleux CC**, Garrett EC, Dominy N, Perry GH, Melin AD. The role of local adaptation in the evolution of human taste [podium] | XXVI Congress of the International Primatological Society/American Society of Primatologists joint meeting. Chicago, Illinois.

2016 | Garrett EC, **Veilleux CC**, Bankoff RJ, Orkin JD, Dominy N, Perry GH, Melin AD. The role of local adaptation in the evolution of human taste [podium] | XXVI Congress of the International Primatological Society/American Society of Primatologists joint meeting. Chicago, Illinois.

2009 | **Veilleux CC**, Lewis EE, Bolnick DA. Habitat preference and nocturnal lemur color vision: implications for primate and human evolution [podium] | American Anthropological Association annual meeting, Philadelphia, Pennsylvania

Other Select Scholarly Presentations

2026 | “Imaging the sloth retina: An immunofluorescent search for cone photoreceptors” | Imaging Data Blitz, Midwestern University Anatomy Seminar Series, Glendale, AZ

2023 | “Fat storage and drought tolerance in a seasonally-adapted primate: Implications for models of global climate change” | Anatomy Seminar Series, Midwestern University (virtual)

2022 | “Grasping the genetic basis of haptic sensation” | Neuroscience Data Blitz, Midwestern University Anatomy Seminar Series, Glendale, AZ

2022 | “Exploring primate adaptations for precision touch” | Midwestern University Anatomy Seminar Series (virtual)

2020 | “Sensory reliance in sympatric frugivores: reconciling behavior, anatomical, and genetic evidence” | Midwestern University Anatomy Seminar Series (virtual)

2010 | “Nocturnal light environments and S-opsin gene evolution in nocturnal lemurs”, poster presentation | International Postgraduate Sensory Ecology Course, Lund University, Lund, Sweden

OTHER SCHOLARLY ACTIVITIES

Training Workshops

2023 | POCUS Faculty Development Workshop - Cardiac, Pulmonary, and Abdominal Imaging | Midwestern University, Glendale, AZ

2018 | Winter School B@G 2018, Bioinformatics for Adaptation Genomics | Weggis, Switzerland

2015 | Genome Variant Analysis Course | University of Texas at Austin, Austin, TX

2015 | RNA-Seq I & RNA-Seq Hands-On Analysis courses | University of Texas at Austin, Austin, TX

2013 | Duke Bioinformatics Workshop | Duke University, Durham, NC

2013 | Genomics Workshop | American Association for Anthropological Genetics, San Antonio, TX

2012 | Genomics Workshop | American Association for Anthropological Genetics, San Antonio, TX

TEACHING

Midwestern University Courses

2020-present | Human Anatomy and Embryology (ANATG 1551*/1552/1553) | Role: Instructor in team-taught course | Developed content and assessments and directed lab dissections for ~180 PA, NA, and PT students in the areas of ultrasound anatomy and head and neck anatomy

*Beginning in 2024, PT students (ANATG 1551) no longer in course

2023-present | Head and Neck Anatomy (BASIG 1509/1518) | Role: Module Leader | Developed content, assessments, and organized faculty for ~215 Dental and Optometry students

2021-2022 | Head and Neck Anatomy (BASIG 1509/1518) | Role: Instructor in team-taught course | Developed content and assessments for ~215 Dental and Optometry students

University of Texas at Austin Courses – Instructor of Record

2019 | Sex and Human Nature (ANT 348K/BIO337/WGS323), undergraduate course

2018 | Comparative Primate Ecology (ANT 346M), undergraduate course

2015 | Human Anatomy (Summer Pre-College Discovery Program)

2010 | Introduction to Physical Anthropology (ANT 301), undergraduate course

Texas State University Courses – Instructor of Record

2017 | Biological Anthropology (ANTH 2414), undergraduate course

2017 | Primate Behavior (ANTH 3342), undergraduate course

2017 | Primate Behavior (ANTH 5542), graduate seminar

2016 | History of Evolutionary Thought (ANTH 3307), undergraduate course

2015 | Human Variation and Adaptation (ANTH 5543), graduate seminar

2015 | Human Variation and Adaptation (ANTH 3343), undergraduate course

2013 | Primate Behavior (ANTH3342), undergraduate course

Graduate Student Mentorship at Midwestern University (2020-2026)

Advised or co-advised research projects for 35 AZCOM, AZCVM, and MBS students in comparative sensory anatomy (mechanoreceptor distribution, tongue papillae, gene expression, hand and eye anatomy) through Research Electives, Kenneth A. Suarez Fellowships, Veterinary Summary Scholars Research Fellowships, and Work Study appointments. Also supervised BASIG head-and-neck prosection teaching assistants annually since 2023.

Undergraduate and Graduate Student Mentorship at University of Texas at Austin

(*continued to graduate or medical school, **earned PhD, MD, or DO)

Selby Olson 2017, Chelsea Ogan 2016-17, Raven Cortright 2016, Kelly Chapman 2010-12*, Blake Kincaid 2009-10, Maeve Cavanaugh 2009-10, Jenna Strawbridge 2009-10*, Maggie Mitchell 2008-09, Abbas Haidry 2008-09**, Rachel Menegaz 2005-06**, Sara Zahendra 2005-06, Katy Klymus 2005*

Invited Guest Lectures

2021 | “Human variation and evolution”. Guest lecture for Anthropological Genetics course (ANTH 506), University of Calgary. November 1 (virtual).

2021 | “Sensory ecology methods”. Guest lecture for Primate Methods course, University of Arizona. February 23 (virtual).

2018 | “Primate Anatomy and Adaptations II: Primate Vision.” Guest lecture for graduate Biological Anthropology Core: Morphology/Evolution, University of Texas at Austin. October 18.

2018 | “Human variation and evolution”. Guest lecture for Anthropological Genetics course (ANTH 506), University of Calgary. March 19 (virtual).

2012 | “Primate molecular ecology” | Guest lecture for Anthropological Genetics (ANT 349D), University of Texas at Austin. November 27.

SERVICE

Midwestern University Interviewing

2020 – present | AZCOM Admissions Interviewer, 4x per year

2026 | NMM Didactic for Face Anatomy

2023 | Anatomy Lab Tour

2022 | NMM Didactic for Neck Anatomy

2021 | Occupational Therapy Admissions Interviewer, 1

Midwestern University Committees

2025-present | University Research Committee | Role: Vice Chair

2024-present | Institutional Care and Use Committee (IACUC) | Role: Member

2021-2025 | Biosafety Committee | Role: Member

2022-present | Social Media Committee | Role: Member

2023-2024 | IACUC Committee | Role: Alternate Member

2021 | Search Committee for Anatomy Research Associate | Role: Member

2020-2021 | Wellness Committee | Role: Member

Midwestern University Department and University Service

2026-present | Med Students for Choice | Role: Faculty Co-Advisor

2025 | Sensorimotor Data Blitz | Role: Session Chair

2023-2024 | Kenneth A. Suarez Research Day | Role: Judge

2024 | IACUC Annual Animal Facility Inspections | Role: Inspector

2023 | Faculty Seed Grant Program, Midwestern University, Downers Grove, IL | Role: Reviewer

2022-present | Anatomy Department Social Media Manager

2022-2025 | Annual Biosafety Research Lab Inspections | Role: Inspector

External Committees and Service

2026 | AAA Taskforce on Giving, American Association of Anatomy | Role: Member

2022-2023 | STEM Advisory Board, American Association of University Women | Role: Member,
Engaging Caregivers Subcommittee | Contributed to writing a white paper on engaging caregivers to encourage girls’ interest in STEM fields

2016-2018 | Publications Committee, American Society of Primatologists | Role: Member

PROFESSIONAL AND PUBLIC SERVICE ACTIVITIES

Public/Lay Presentations and Workshops

2026 | Organizer and Presenter, “A Look Inside Human & Animal Bodies” anatomy workshop for teachers at National Rural STEM Learning Summit

2025-2026 | Organizer and Presenter, “A Look Inside Human & Animal Bodies” anatomy workshop for high school students as part of ASU West Future Doctors Institute

2022 | Guest Speaker, “Studying Adaptations in Primates”, to 5th grade science classes at Arizona School for the Arts, Phoenix, AZ

2020-2021 | Invited presentation and roundtable participant for annual Primate Evolution discussion to museum docents and lay audience, Arizona Museum of Natural History (Virtual)

2017 | Guest Speaker on lemur diversity, behavior, and ecology to kindergarteners at Austin Discovery School, Austin, TX

2010-2013 | Organizer, “Leaping Lemurs” activity designed to engage children of all ages in science and primatology at ExploreUT, a university “open house” day

2011 | Organizer and Presenter, “Primate and Mammal Color Vision” to K-12 teachers through the University of Texas at Austin’s Hot Science Cool Talks Outreach Series. Developed and shared materials to help K-12 teachers develop lesson plans on trichromatic color vision in primates.

2006-2009 | Workshop Leader for “I Love Lucy”, a workshop included in Girlstart’s Expanding Your Horizons Conference to encourage elementary and middle school girl interest in STEM.

Interviews and Media Coverage

2024 | “Endangered lemur shows resilience to drought conditions”, Sep. 19, 2024, press release by University of Texas at Austin for drought publication, <https://liberalarts.utexas.edu/news/endangered-lemur-shows-resilience-to-drought-conditions>

2017 | Interview with Pierre Bienaimé for his article “What if only females could see color?”, *Nautilus*, Feb. 19, 2017, <http://nautil.us/blog/what-if-only-females-could-see-color>

2016 | “Female lemurs with color vision provide advantages for their group”, Dec. 5, 2016, reported in: Phys.org: <http://phys.org/news/2016-12-female-lemurs-vision-advantages-group.html>
Science Daily: <https://www.sciencedaily.com/releases/2016/12/161205165837.htm>

Conference Panels Organized

2011 | “Ears, eyes, and noses” revisiting the ecology and evolution of primate special senses” | Poster symposium, American Association of Physical (Biological) Anthropologists annual meeting, Minneapolis, MN. Co-organized with Eva Garrett and Rachel Jacobs