

Jennifer Garrison, Ph.D.

Assistant Professor, Buck Institute for Research on Aging
Co-Founder and Executive Director, ProductiveHealth.org (formerly Global Consortium for Reproductive Longevity & Equality)
8001 Redwood Blvd, Novato, CA 94945, USA
Office Phone: (415) 209-2096 • Cell Phone: (415) 596-7336
E-Mail: jgarrison@buckinstitute.org
Lab Website: <https://www.garrisonlab.com/>
Social: [LinkedIn.com/in/drjennifergarrison](https://www.linkedin.com/in/drjennifergarrison) • Twitter/X: @jenngarrison

Education and Training

2013	Postdoctoral Fellow in the Laboratory of Neural Circuits and Behavior	The Rockefeller University
2007	Ph.D. in Chemistry and Chemical Biology	University of California, San Francisco
1998	B.A. in Molecular Cell Biology	University of California, Berkeley

Positions and Employment

2023 - 2028	Founding Director	Marine Biological Laboratory (MBL) Woods Hole Biology of Aging (BOA) Advanced Training Course
2019 - present	Co-Founder and Director	Global Consortium for Reproductive Longevity & Equality
2018 - present	Associate Director	Buck-USC Biology of Aging PhD Program
2014 - present	Assistant Professor	Buck Institute for Research on Aging
2014 - present	Assistant Professor in Residence	Cellular and Molecular Pharmacology, University of California, San Francisco
2014 - present	Assistant Adjunct Professor	Leonard Davis School of Gerontology, University of Southern California
2007 - 2013	Postdoctoral Fellow Laboratory of Neural Circuits & Behavior <i>Advisor: Dr. Cornelia Bargmann</i>	The Rockefeller University
2001 - 2007	Graduate Fellow Department of Cellular and Molecular Pharmacology <i>Advisor: Dr. Jack Taunton</i>	University of California, San Francisco
1998 - 2001	Research Associate <i>Advisor: Dr. James Marks</i>	University of California, San Francisco
1996 - 1998	Undergraduate Research Assistant <i>Advisor: Dr. Cara Marks</i>	University of California, San Francisco
1994 - 1996	Undergraduate Research Assistant	NASA Ames Research Center

Honors and Awards

2024	International Women's Forum (IWF) Elected Member
2023	Abundance 360 Women's Fellow (inaugural cohort)
2022	Maximizing Investigators' Research Award (MIRA) for Established Investigators, NIH
2021	Healthy Longevity Catalyst Award, National Academy of Medicine
2019	Achievement Rewards for College Scientists (ARCS) Foundation Alumni Scholar of the Year Award
2018	Dorothy Dillon Eweson Lecture Series on Advances in Aging Research Travel Award
2016	Maximizing Investigators' Research Award (MIRA) for Early Stage Investigators, NIH
2016	McKnight Technological Innovations in Neuroscience Award Finalist
2016	American Federation of Aging Research Grant for Junior Faculty
2015	Allen Institute for Brain Science Next Generation Leaders Advisory Council (3-year tenure)
2015	Rita Allen Foundation Scholar in the Biomedical Sciences Finalist
2014	Alfred P. Sloan Foundation Research Fellowship in Neuroscience
2014	Glenn Foundation Award for Research in Biological Mechanisms of Aging
2014	Summer NIA Training Course in Experimental Aging
2013	R00 Pathway to Independence Award (NIH NIGMS R00GM092859)
2010	K99 Pathway to Independence Award (NIH NIGMS K99GM92859)
2008	Helen Hay Whitney Postdoctoral Fellowship
2007	Harvey Karp Discovery Award, The Rockefeller University
2006	Andrew Braisted Poster Award, Chemical Biology in the Bay Area Symposium
2005	Achievement Rewards for College Scientists (ARCS) Foundation Predoctoral Fellowship
2002	National Science Foundation (NSF) Predoctoral Fellowship
1996	Irving Roth Scholar

Invited Presentations (academic, outreach/public)

2024	Keynote Speaker, FemTechLab Decoding the Future of Women Conference, London, England
2024	London Tech Week Mainstage Speaker, London, England
2024	American Aging Association (AGE) Meeting, Madison WI
2024	South by Southwest (SXSW) Festival, SHE Media Co-Lab, Austin, TX
2024	Livelong Summit, West Palm Beach, FL WATCH HERE
2024	OHSU Division of Reproduction & Developmental Science Seminar Series, Portland, OR
2024	Abundance 360 Webinar on Women's Health (virtual)
2023	The Longevity Summit, Buck Institute for Research on Aging, Novato, CA
2023	Brain-Body Interactions Virtual Seminar Series(virtual)
2023	Aging Seminar Series, Mayo Clinic, Rochester, MN
2023	Gerontological Society of America (GSA) 2023 Meeting, Tampa FL
2023	XPRIZE Science Conclave + Visioneering, Los Angeles, CA
2023	American Society for Reproductive Medicine (ASRM) Congress & Expo, New Orleans, LA
2023	National Academy of Medicine (NAM) Meeting, Washington, DC
2023	New Pause Symposium, New York, NY
2023	Molecular & Integrative Physiology Seminar Series, University of Michigan, Ann Arbor, MI
2023	Women in Bio Panel, Calico Labs, South San Francisco, CA
2023	Summer Scholar Career Speaker Series, Buck Institute for Research on Aging, Novato, CA
2023	Biology of Aging Gordon Research Conference (GRC), Barcelona, Spain
2023	Inaugural MedFem Tech Congress, Paris, France
2023	All for All (AFA) Fem Health-Tech Forum Belgrade, Serbia (virtual)
2023	HHMI Janelia Neuropeptide Signaling Conference, Ashburn, VA
2023	MyAgeGroup Meeting, London, England
2023	Keynote Speaker, WIRED Health, London, England
2023	Women's Health and Longevity Summit, Zurich, Switzerland
2023	Precision Medicine World Conference, Santa Clara, CA
2023	JP Morgan Healthcare Conference, Demy-Colton Biotech Showcase, San Francisco, CA
2022	NIH/NIA Summer Training Course in Experimental Aging Research, Novato, CA

2022 Evernow Retreat, Scottsdale, AZ

2022 TTI/Vanguard Conference, Scottsdale, AZ

2022 Aging Research Seminar Series, University of Wisconsin, Madison, Madison WI (Virtual)

2022 Longevity - Coming of Age Conference, Oriel College, Oxford, England (virtual)

2022 Mechanisms of Aging Meeting, Cold Spring Harbor Laboratory (CSHL), Cold Spring Harbor, NY

2022 Aging Research and Drug Discovery (ARDD) Conference, Copenhagen, Denmark

2022 Marine Biological Laboratory (MBL) Advanced Training Course in Neurobiology, Woods Hole, MA

2022 Reproductive Aging Conference, Palm Springs, CA

2022 CNN's LifeITSELF Summit with Sanjay Gupta & Marc Hodosh, San Diego, CA

2022 Colloquium on the Biology of Human Aging, Brown University, Providence, RI

2022 Fifty Years Impact.Tech Seminar, San Francisco, CA

2022 West Puerto Rico Neuroscience Symposium, University of Puerto Rico (virtual)

2022 Longevity Leaders World Congress, London, England

2022 Keystone Symposium on Micropeptides, Snowbird, UT

2022 Science of Aging Symposium, Monte Carlo, Monaco

2022 Metropolitan Club Evening Lecture, San Francisco, CA

2022 Maternal-Fetal Medicine Research Seminar Series, Columbia University, New York, NY (Virtual)

2021 Keynote Speaker, Hello Tomorrow Global Summit, Paris, France

2021 Merck KGaA Innovation Lecture, Darmstadt, Germany (virtual)

2021 Menlo Circus Club Fireside Chat, Atherton, CA

2021 SALT Conference, New York, NY

2021 Society for the Study of Ingestive Behavior Meeting, Portland, OR (Virtual)

2021 Datavant Women in Tech Focus Group (Virtual)

2021 100 Women in Finance Webinar (Virtual)

2021 Circle of Friends, Buck Philanthropy, Buck Institute for Research on Aging, Novato CA

2021 Town & Country Club Lecture Series, San Francisco, CA

2020 Reproductive Longevity and Human Potential Summit, Palo Alto, CA (virtual)

2020 Mechanisms of Aging Meeting, Cold Spring Harbor Laboratory (CSHL) (virtual)

2020 Marin Forum Club (virtual)

2020 Wednesday Morning Dialogue (virtual)

2020 School of Neuroscience Innovators Seminar Series, Virginia Tech, Blacksburg, VA

2019 Neuroscience Seminar Series, Michigan State University, East Lansing, MI

2019 Developmental Biology Seminar Series, Washington University, St Louis, MO

2019 American Aging Association (AGE) Meeting, South San Francisco, CA

2019 World Congress on Neurohypophysial Hormones, Ein Gedi, Israel

2019 MyAgeGroup Meeting, Birmingham, AL

2018 Neuropeptide Signaling Mini-Symposium, Society for Neuroscience Meeting, San Diego, CA

2018 Frontiers in Biology Seminar Series, Stanford University, Palo Alto, CA

2018 Department of Neurobiology, University of Wisconsin, Madison, WI

2018 Marine Biological Laboratory (MBL) Advanced Training Course in Neurobiology, Woods Hole, MA

2018 Department of Physiology & Pharmacology, Oregon Health & Science University, Portland, OR

2018 MyAgeGroup Meeting, Austin TX

2018 Young Investigators Symposium, LKC Medicine, Nanyang Technological University, Singapore

2017 KU Leuven Department of Biology Seminar Series, Leuven, Belgium

2017 Marine Biological Laboratory (MBL) Advanced Training Course in Neurobiology, Woods Hole, MA

2017 Neuroscience and Behavior Seminar Series, University of California, Santa Barbara, CA

2016 Keynote Speaker, Leibniz Institute on Aging Retreat, Luisenthal, Germany

2015 Showcase Symposium, Allen Institute for Brain Science, Seattle, WA

2014 Cellular Function in Aging Meeting, Biomedical Neurosciences Institute (BNI), Santiago, Chile

2014 Bay Area Worm Meeting, Stanford University, Stanford, CA

2013 Departments of Chemistry and Molecular & Cell Biology, University of California, Berkeley, CA

2013 Cardiovascular Research Institute, University of California, San Francisco, San Francisco, CA

2013 Division of Biology, California Institute of Technology, Pasadena, CA

2013 Division of Chemistry and Chemical Engineering, California Institute of Technology, Pasadena, CA

2012 Institute for Neurodegenerative Disease, University of California, San Francisco, San Francisco, CA

2012 Department of Systems Biology, Harvard Medical School, Boston, MA

Media and Interviews

2024	National Geographic , Could menopause be delayed? The answer could lead to longer lifespans for women	News Article (print + digital)
2024	Women's Health , What I learned at Longevity Summit	Magazine Article (digital)
2024	Drug Discovery News , Reproductive aging leads to many women's health problems	News Article (print + digital)
2024	Perimenopause Game Plan , Project N of 1	Podcast
2023	Financial Times , Ovaries are the enigma that could unlock human lifespan	News Article (print + digital)
2023	National Geographic , IVF revolutionized fertility. Will these new methods do the same	Magazine Article (digital)
2023	She Knows , 8 Women Longevity Experts Who Are Spearheading the Science of Aging Well	Magazine Article (digital)
2023	Live Longer World , 27	Podcast
2023	Fempower Health , 38	Podcast
2023	Vogue , Why 'Meno Belly' is a Menopausal Change We Should Embrace	Magazine Article (print + digital)
2023	The Wall Street Journal , What if We Could Get Rid of Menopause?	News Article (print + digital)
2023	Longevity.technology , Is Menopause Age Linked to Lifespan?	News Article (digital)
2023	WIRED UK , What Aging Research Can Learn from Menopause	Magazine Article (print + digital)
2023	Bloomberg News , Why Aren't There Better Menopause Treatments?	News Article (digital)
2023	The Longevity & Lifestyle Podcast , 113	Podcast
2023	InsideTracker , Women's Health + Longevity with Dr. Jennifer Garrison	Webinar
2023	Fast Company , Meet the Women Embracing Menopause – and those hoping to end it	Magazine Article (digital)
2023	Nature , How Menopause Reshapes the Brain	Magazine Article (print + digital)
2023	WIRED , The Secrets of Aging are Hidden in Your Ovaries	Magazine Article (digital)
2023	BBC Science Focus , The New Science of Menopause	News Article (print + digital)
2023	The New Yorker , The Future of Fertility	Magazine Article (print + digital)
2023	Learning with Lowell , 171	Podcast
2023	Worldhealth.net , Canceling Menopause: Longevity Science Challenges The Reproductive Status Quo	News Article (digital)
2023	Longevity by Design , Part I and Part II	Podcasts
2022	WIRED World 2023 , It's Time to Focus on Reproductive Longevity Research	Magazine (print + digital)
2022	Hello Uterus , 34	Podcast
2022	Healthnews.com , Extending Female Fertility for Longer & Healthier Life	News Article (digital)
2022	The Boss Ladies Podcast , 31	Podcast
2022	HYSterical , 1	Podcast
2022	The Longevity & Lifestyle Podcast , 75	Podcast
2022	FemTech Insider , A Conversation about Ovarian Aging and Longevity	Webinar & Article (digital)
2022	Afternoons with Jade Robran (Australia)	Radio Interview
2022	Holos50 , Fighting for Women's Health	Newsletter
2022	CNN Health , LIFEItself: Extending the Age of Healthy Female Fertility	Interview (video + digital)
2022	KCBS Morning Show	Radio Interview
2022	Positive Pause , 9	Podcast
2022	Proto.Life (formerly NEO.Life), Is it Time to Cancel Menopause?	Magazine Article
2022	Forbes , Can We Fix Ovarian Aging? Her is One Startup up for the Task!	Magazine Article (print + digital)
2022	Jeunessima Magazine , Getting a Move on Aging	Magazine (digital)
2022	The TODAY Show , Should Menopause be Optional?	News Article (digital)
2021	Longevity.technology , The Science of Ovarian Longevity	Webinar
2021	Progress, Potential, and Possibilities Podcast , 251	Podcast
2021	Translating Aging Podcast - BioAge Labs	Podcast
2021	Abundance 360 with Peter Diamandis , Everything You Didn't Know about Reproductive Longevity	Webinar
2021	CogX Festival UK , Health & Wellbeing: Speaking unspoken truths: Reframing women's health	Webinar
2021	Male Contraceptive Initiative, MCI Lemonade Stand Series , Reproductive	Webinar

Aging and Building a Consortium

- 2020 **Marie Claire**, *What if Fertility Didn't Have a Shelf Life?* Magazine Article (print + digital)
2019 **The Press Democrat**, *Buck Institute in Novato Gets \$6 Million Grant to Study Negative Health Effects of Menopause* News Article (print + digital)

Professional Service

- 2023 - 2025 Co-Vice Chair, Biology of Aging Gordon Research Conference (GRC), Barcelona, Spain (Co-Chair, 2025)
2023- XPRIZE Global Visioneering Brain Trust
2023 Reviewer, NIA AGCD 4 Standing Study Section Panel
2023 Lead Organizer, Neuropeptide Signaling: Bridging Cell Biology, Neurobiology, and Behavior Conference, HHMI Janelia Research Campus, Ashburn, VA
2023 Guest Editor, Geroscience Special Issue on Reproductive Aging
2022- American Federation for Aging Research (AFAR) Glenn Postdoctoral Fellowship Application Review Committee (ongoing)
2022- Member, Society for the Study of Reproduction (SSR) Bylaws Committee (ongoing)
2022 - 2026 Lead Organizer, Reproductive Aging Conference
2021- Board of Directors, Achievement Rewards for College Scientists (ARCS) Foundation, Northern California Chapter
2021- Member, Buck Women in Science (BWISE), Buck Institute for Research on Aging
2020 - 2024 Member Elect, American Aging Association Board of Directors (4-year term)
2020- Member, Racial Justice Task Force, Buck Institute for Research on Aging
2020- Academic Editorial Board, *Frontiers in Genetics*
2020- Reviewer, NIH Director's Pioneer Award (ongoing)
2019- Co-Founder and Director, Global Consortium for Reproductive Longevity and Equality (GCRLE)
2019- Associate Director, Biology of Aging PhD Program, Buck Institute-USC
2019- Academic Editorial Board, *PLOS Biology*
2019- Executive Board, Buck Women's Health Council, Buck Institute for Research on Aging
2018- Co-Chair, Center for Reproductive Longevity and Equality (CRLE) Steering Committee, Buck Institute for Research on Aging
2018- Academic Editorial Board, *PLOS One*
2018 Organizer, Neuropeptide Signaling Minisymposium, Society for Neuroscience Meeting, San Diego, CA
2017- Glenn Center Executive Committee, Buck Institute for Research on Aging
2017 - Biology of Aging PhD Program Executive Committee, Buck Institute for Research on Aging
2017 Executive Board, Buck Women's Health Council, Buck Institute for Research on Aging
2017 Lead Organizer, Bay Area Worm Meeting, Stanford University, Stanford, CA
2017 Faculty Advisor, Double X's Group for the Advancement of Women in Science, Buck Institute for Research on Aging
2016- Formal Research Seminar Selection Committee, Buck Institute for Research on Aging
2016- Peer Reviewer, Alzheimer's Association Research Grant (AARG) Program
2016 Co-Chair, Center for Reproductive Longevity and Equality Steering Committee
2015 Selection Committee, American Federation for Aging Research Grant for Junior Faculty
2014- Referee for Peer-Reviewed Journals: *PLOS Biology*, *Cell*, *eLife*, *Nature Communications*, *Aging Cell*, *PLOS Genetics*, *Scientific Reports*, *eNeuro*, *EMBO Reports*, *Biology of Reproduction*

Board and Advisory Roles

- 2023- Medical Advisory Committee, National Menopause Foundation
2023- Science Advisor, Alliance for Longevity Initiatives (A4Li)
2023- Advisory Committee, Leading Edge Fellows

2023- 2023	Co-Founder and Science Advisor, Domaine NIH Technical Advisory Group on the Health of U3 Women (U3 = Underserved, Underrepresented, Understudied)
2022	Science Advisory Board Member, NeuroAge
2021- 2021	Chief Science Advisor, Evernow Science Consultant, Gameto
2017-	Scientific Advisory Board Member, Herophilus

Professional Memberships

2019-	Society for the Study of Reproduction
2014-	American Aging Association
2008-	Genetics Society of America
2008-	Society for Neuroscience

Publications

Han A, Hudson-Paz C, Robinson BG, Becker L, Jacobson A, Kaltschmidt JA, **Garrison JL**, Bhatt AS, Monack, DM. Temperature-dependent differences in mouse gut motility are mediated by stress. **Lab Animal**, 53, 148–159 (2024).

Kochersberger A, Coakley A, Millheiser L, Morris JR, Manneh C, Jackson A, **Garrison JL**, Hariton E. The Impact of Race, Ethnicity, and Socioeconomic Status on the Severity of Menopause Symptoms: A Study of 68,864 Women. **Menopause**, Jun 1;31(6):476-483 (2024). PMID: 38652870

Wang W, Flury AG, Rodriguez AT, **Garrison JL***, Brem RB*. A role for worm *cutl-24* in background- and parent-of-origin-dependent ER stress resistance. **BMC Genomics** Dec 20;23(1):842. doi: 10.1186/s12864-022-09063-w (2022).
*Co-corresponding authors.

Wang W, Flury AG, **Garrison JL***, Brem RB*. Cold Survival and Its Molecular Mechanisms in a Locally Adapted Nematode Population. **Genome Biology and Evolution**, 13(9):evab188 (2021).
*Co-corresponding authors.

Fetter-Pruneda I, Hart T, Ulrich Y, Gal A, Oxley PR, Olivos-Cisneros L, Ebert MS, Kazmi MA, **Garrison JL**, Bargmann CI, Kronauer DJC. An oxytocin/vasopressin-related neuropeptide modulates social foraging behavior in the clonal raider ant. **PLoS Biology**, 19(6):e3001305 (2021).

Chen Y, Jang H, Spratt P, Taylor DE, Essner R, Bai L, Kosar S, Leib DE, Kuo T, Lin Y, Patel M, Subkhangulova A, Kato S, Feinberg EH, Bender KJ, Knight ZA, **Garrison JL**. Soma-targeted imaging of neural circuits by ribosome tethering. **Neuron**, 107(3):454 (2020).

Garrison JL and Knight ZA. Linking smell to metabolism and aging. **Science** **358**, 718 (2017).

Garrison JL, Macosko EZ, Bernstein S, Pokala N, Albrecht DR, Bargmann CI. An ancient role for oxytocin/vasopressin-related peptides in reproductive behavior. **Science** **338**, 540 (2012).

Knight ZA, Tan K, Birsoy K, Schmidt S, **Garrison JL**, Wysocki RW, Emiliano A, Ekstrand MI, Friedman JM. Molecular profiling of activated neurons by phosphorylated ribosome capture. **Cell** **151**, 1126 (2012).

Lakkaraju AK, Thankappan R, Mary C, **Garrison JL**, Taunton J, Strub K. Efficient secretion of small proteins in mammalian cells relies on Sec62-dependent posttranslational translocation. **Mol Biol Cell** **14**, 2712 (2012).

McGrath PT, Xu Y, Ailion M, **Garrison JL**, Butcher RA, and Bargmann CI. Parallel evolution of domesticated *Caenorhabditis* species targets pheromone receptor genes. **Nature** **477**, 321 (2011).

Maifeld SV, MacKinnon AL, **Garrison JL**, Sharma A, Kunkel EJ, Hegde RS, and Taunton J. Secretory protein profiling reveals TNF- α inactivation by selective and promiscuous Sec61 modulators. **Chemistry and Biology** **18**, 1082 (2011).

Bautista DM, Sigal YM, Milstein AD, **Garrison JL**, Zorn JA, Tsuruda PR, Nicoll RA, and Julius D. Pungent agents from Szechuan peppers excitesensory neurons by inhibiting two-pore potassium channels. **Nature Neuroscience** **11**, 772 (2008).

MacKinnon AL, **Garrison JL**, Hegde RS, and Taunton J. Photo-leucine incorporation reveals the target of a cyclodepsipeptide inhibitor of cotranslational translocation. **J Am Chem Soc** **129**, 14560 (2007).

Knight ZA, **Garrison JL**, Chan K, King DS, and Shokat KM. A remodelled protease that cleaves phosphotyrosine substrates. **J Am Chem Soc** **129**, 11672 (2007).

Rutkowski DT, Kang SW, Goodman AG, **Garrison JL**, Taunton J, Katze MG, Kaufman RJ, and Hegde RS. The role of p58IPK in protecting the stressed endoplasmic reticulum. **Mol Biol Cell** **18**, 3681 (2007).

Kang SW, Rane NS, Kim SJ, **Garrison JL**, Taunton J, and Hegde RS. Substrate-specific attenuation of protein translocation during acute ER stress defines a pathway of pre-emptive quality control. **Cell** **127**, 999 (2006).

Oyadomari S, Yun C, Fisher EA, Kreglinger N, Krebich G, Oyadomari M, Harding HP, Goodman AG, Harant H, **Garrison JL**, Taunton J, Katze MG, and Ron D. Co-translocational degradation protects the stressed endoplasmic reticulum from protein overload. **Cell** **126**, 727 (2006).

Garrison JL, Kunkel EJ, Hegde RS, and Taunton J. A substrate-specific inhibitor of protein translocation into the endoplasmic reticulum. **Nature** **436**, 285 (2005).

Horak E, Heitner T, Robinson MK, Simmons HH, **Garrison JL**, Russeva M, Furmanova P, Lou J, Zhou Y, Yuan QA, Weiner LM, Adams GP, and Marks JD. Isolation of scFvs to *in vitro* produced extracellular domains of EGFR family members. **Cancer Biotherapy and Radiopharmaceuticals** **20**, 603 (2005).

Heitner T, Moor A, **Garrison JL**, Marks CB, Hasan T, and Marks JD. Selection of cell binding and internalizing epidermal growth factor receptor antibodies from a phage display library. **J Immunological Methods** **248**, 17 (2001).

Somps CJ, **Garrison JL**, Madou MJ, Hines JW, Gibbs DL, and Harrison MR. Electrochemical performance of an ion selective, polymeric membrane following chronic implantation in rat subcutaneous tissue. **Sensors and Actuators B** **35-36**, 222 (1996).

Teaching Experience

Founding Director, Biology of Aging Advanced Research Training Course

MBL Woods Hole Biology of Aging (BOA) Advanced Training Course, summer 2023 - 2028
Conceived, designed, and direct a 4-week advanced research training course at the Marine Biology Laboratory to train the next generation of leaders in geroscience. This course includes 18 faculty conducting hands-on research projects with teaching assistants from their home labs and 18 students (PhD students and postdoctoral scholars) in small groups.

Faculty, Instructor, Neurobiology

MBL Woods Hole Neurobiology Advanced Training Course, summer 2017 & 2018
Responsibilities: Developed course content and taught hands-on experiments using ribosomal profiling of mouse neurons.

Course Director, Buck/USC Biology of Aging PhD Program

GERO601, 2016, 2017, 2018, 2019, 2020 (ongoing)
Responsibilities: Developed course content and taught sessions on the Aging Brain for PhD students.

Faculty Instructor, Neurobiology Course

MBL Woods Hole Neurobiology Advanced Training Course, summer 2017 & 2018

Responsibilities: Developed course content and taught hands-on experiments using ribosomal profiling of mouse neurons.

Visiting Assistant Professor, Bard College

Research Design and Methods, spring 2008

Responsibilities: Developed course content and taught all sessions of the Research Design and Methods Course for undergraduate students in the Bard-Rockefeller Semester in Science program.

Laboratory Mentor, The Rockefeller University

Summer Science Outreach Program, summer 2009, 2010, 2011

Responsibilities: Trained and supervised a high school student participating in the Rockefeller Summer Science Program to work full time in the laboratory and conduct experiments.

Graduate Student Instructor, University of California, San Francisco

Advanced Organic Chemistry (PC113), fall 2003

Responsibilities: Taught periodic lectures and a weekly problem solving session in advanced organic chemistry for a class of 120 pharmacy school students.

Volunteer Instructor for the TRIAD Alliance for Gender Equitable Teaching

Luther Burbank Middle School, with the UCSF Science & Health Education Partnership (SEP), 1998-1999

Responsibilities: Developed and conducted an after-school science club for junior high school students designed to encourage girls to explore science through hands-on experimentation.