

# CURRICULUM VITAE

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## **Education:**

- 1984 **B.S.**, Biochemistry, University of California, Davis  
Research Advisors: Dr. Fredrick Troy
- 1990 **Ph.D.**, Biochemistry, The Johns Hopkins University, McCollum-Pratt  
Institute, Department of Biology. Research Advisor: Dr. Saul Roseman

## **Professional Positions:**

- 1990-1993 Postdoctoral Fellow, The Agouron Institute, La Jolla, California  
Laboratory of Dr. Michael Silverman
- 1993-1994 Research Scientist, The Agouron Institute, La Jolla, California
- 1994-2000 Assistant Professor, Department of Molecular Biology,  
Princeton University
- 1996-present Associate Faculty Member, Princeton Environmental Institute
- 2000-2003 Associate Professor, Department of Molecular Biology,  
Princeton University
- 2003-present Professor, Department of Molecular Biology,  
Princeton University
- 2003-2008 Director of Graduate Studies, Department of Molecular Biology,  
Princeton University
- 2005-present Investigator, Howard Hughes Medical Institute, Princeton University
- 2008-2019 Director for Recruiting and Diversity in the Sciences, Princeton  
University
- 2008-2013 Director, Council on Science and Technology, Princeton University
- 2009-2010 President Elect, American Society for Microbiology
- 2010-2011 President, American Society for Microbiology
- 2010-present Associated Faculty, Department of Chemistry, Princeton University

- 2011-2014 Chair, Board of Governors, American Academy of Microbiology, ASM
- 2010-2016 Member, National Science Board, National Science Foundation
- 2012-2016 Board of Directors, American Association for the Advancement of Science
- 2013-2025 Chair, Department of Molecular Biology, Princeton University
- 2016-present Affiliate Member, Princeton Global Health Program

**Honors and Awards:**

- 1980 Regents of University of California, Davis, Scholarship
- 1980 Bank of America Science and Mathematics Scholarship
- 1984 Phi Beta Kappa, University of California, Davis
- 1984 Phi Kappa Phi, UCD
- 1984 Most Outstanding Undergraduate Independent Biochemistry Research
- 1984 High Honors graduation from UCD
- 1988 W.R. Grace & Company Fellowship, Johns Hopkins University
- 2002 American Academy of Microbiology Fellow
- 2002 MacArthur Foundation Fellow
- 2003 Theobald Smith Society Waksman Award
- 2003 New Jersey R and D Council, Thomas Edison Patent Award, Medical Technology
- 2004 New York Intellectual Property Lawyers Association, Inventor of the Year
- 2004 American Association for the Advancement of Science Fellow
- 2006 American Society for Microbiology, Eli Lilly and Company Research Award
- 2006 Elected to the National Academy of Sciences
- 2007 Squibb Professor of Molecular Biology, Endowed Chair, Princeton University
- 2007 Elected to the American Academy of Arts and Sciences
- 2008 President's Distinguished Teaching Award, Princeton University
- 2008 World Cultural Council Award for Scientific Merit
- 2009 Wiley Prize in Biomedical Sciences
- 2010 Honorary Degree, Swarthmore College
- 2011 Richard Lounsbery Award, National Academy of Sciences
- 2012 L'Oreal-UNESCO Women in Science Award, North America
- 2012 Elected Foreign Member of the Royal Society
- 2012 Elected to the American Philosophical Society
- 2012 Honorary Degree, Bates College
- 2012 Honorary Degree, Tufts University
- 2013 Elected Foreign Member of EMBO
- 2014 EMD Millipore Alice C. Evans Award, American Society for Microbiology
- 2014 Phi Beta Kappa Teaching Award
- 2015 Vallee Foundation Professorship
- 2015 Peter Wall Institute Visiting Scholar Award
- 2015 Honorary Degree, University of Guelph
- 2015 Ricketts Award, University of Chicago
- 2015 The Shaw Prize in Life Science and Medicine
- 2016 FASEB Excellence in Science Award
- 2016 Pearl Meister Greengard Prize
- 2016 NYU Institute for Mathematics and Advanced Supercomputing Award for Outstanding Achievements
- 2016 NJ Chamber of Commerce Women Leaders in Innovation Award

- 2016 Max Planck Research Award of the Alexander von Humboldt Foundation
- 2016 Elected to the National Academies of Medicine
- 2017 Elected ASCB Fellow
- 2018 The Dickson Prize in Medicine
- 2018 The Ernst Schering Prize
- 2019 Elected, Johns Hopkins University Society of Scholars
- 2019 National Association of Biology Teachers Distinguished Service Award
- 2019 Liberty Science Center Genius Award
- 2020 Feodor Lynen Award
- 2020 Genetics Society of America Medal
- 2020 Gruber Genetics Prize
- 2021 Helen Dean King Women & Science Award
- 2021 Paul Ehrlich and Ludwig Darmstaedter Prize
- 2022 Honorary Degree, Johns Hopkins University
- 2022 Microbiology Society Prize Medal
- 2022 Wolf Prize in Chemistry
- 2023 Gairdner International Award
- 2023 Princess of Asturias Award for Technical and Scientific Research Award
- 2023 Albany Medical Center Prize in Medicine and Biomedical Research
- 2024 Forbes 50 over 50
- 2024 National Medal of Science
- 2025 John Scott Award
- 2025 Edison Patent Award
- 2025 Andrew K. Golden University Professor, Princeton University

***Princeton University Molecular Biology Department Committees and Service:***

- 1995-present Professor of Princeton University Courses:
  - Microbial Diversity and Pathogenesis (undergraduate)
  - From DNA to Human Complexity (undergraduate)
  - Advanced Microbial Genetics (graduate)
  - Introduction to Cellular and Molecular Biology (undergraduate)
- 2002-2004 Member, Graduate Admissions Committee
- 2002-2004 Seminar Committee
- 2002 Chair, Faculty Search Committee
- 2003-2004 Chair, Scientific Direction, Recruiting, and Curriculum Committee
- 2003-2011 Executive Committee, Computational and Quantitative Biology Program
- 2005-2008 Genome Institute Executive Committee
- 2006 Guest Lecturer, Microbiology Freshman Seminar
- 2007, 2008 Lecturer, Freshman Seminar Series, Microbes: Menace and Marvels
- 2007 Lecturer, Department of Molecular Biology Senior Summer Seminar Series
- 2007 Lecturer, Department of Molecular Biology/HHMI Summer Teacher's Course
- 2008-2013 Director of Diversity for Graduate Recruiting
- 2011 Director of Graduate Studies
- 2010-2011 Member, Structural Biology Search Committee
- 2011-2012 Member, Quantitative and Computational Biology Search Committee
- 2011 Member, Microbiology Tenure Committee
- 2011-2014 Member, Graduate Admissions Committee
- 2011-present Chair, Strategic Planning Committee
- 2012 Chair, Search Committee, Host-Microbe Interactions
- 2013-present Chair, Executive Committee
- 2013 Chair, Search Committee, Lewis-Sigler Institute Director

2020-present Chair all MOL Senior and University Lecturer Promotion Committees

***Princeton University Committees and Service:***

1996 Panelist, Women in Science and Education  
 1996-1999 Committee on Academic Standing  
 1997-2010 Undergraduate Advisor, Rockefeller College  
 1997-2014 Special Lectures, HHMI Summer Research Program  
 2002-2003 Target of Opportunities Search Committee  
 2003-2004 Graduate School Policy Committee  
 2003-2004 Chair, Biology Umbrella Program Initiative  
 2004-2008 Member, Committee for Direction and Recruitment in Chemistry  
 2005-2006 Old Dominion Faculty Fellow, Humanities Council  
 2006 Selection Committee, President's Distinguished Teaching Award  
 2006 Search Committee, Dean of the School of Engineering  
 2006 Mentor, Woodrow Wilson Natl. Junior Faculty Career Enhancement Fellowship  
 2007 Class Day Speaker, Opening Ceremonies  
 2007 Member, Executive Committee, Biology Graduate Umbrella Program  
 2007-2008 Member, Council on Science and Technology  
 2008-2011 Director, Council on Science and Technology  
 2007 Panelist, Academic Affairs Committee, University Trustees  
 2007 Speaker, Induction Ceremony, Phi Beta Kappa  
 2008 James Baldwin Lecturer, Center for African American Studies  
 2008-2012 BioX Committee, Committee for Direction and Recruitment in Chemistry  
 2008-2014 Advisory Committee, Keller Center for Innovation and Engineering Education  
 2008 Keynote Speaker, Phi Beta Kappa Induction  
 2008 Speaker, McGraw Center Scholar as Teacher Series  
 2008 Speaker, Molecular Biology Staff Science Talks  
 2008-2014 Member, Freshman Seminar Executive Committee  
 2008-2009 Member, Committee on the Future of Climate and Environmental Sciences at Princeton  
 2009 Alumni Day Faculty Speaker  
 2009 Research Administration Seminars  
 2009, 2012 Freshman Scholars: Ways of Knowing Seminars  
 2011-present Fellow, Wilson College  
 2012 Chair, Schmidt Fund Life Sciences Award Committee  
 2014 Class Leadership Speaker  
 2014-2015 Member, President's Strategic Planning Committee on the Future of Sponsored Research  
 2014 Keynote Speaker, Inaugural Nassau Hall Society Conference  
 2015-present Member, Animal Research Advisory Group  
 2015 Speaker, Future of Natural Sciences Retreat  
 2016 Speaker, Inaugural President's Advisory Council  
 2018 Member, Special Salary Allocation Review Committee  
 2018 Member, Search Committee, Vice President for Innovation  
 2018 Member, Planning Committee 50<sup>th</sup> Anniversary of Undergraduate Women at Princeton  
 2018-present Member, Strategic Planning Steering Committee, Princeton University Art Museum  
 2018 Committee Member, Intellectual Property Accelerator Award, Princeton University  
 2019 Speaker and Panelist, Princeton Art Museum, States of Health Exhibit and Symposium  
 2020-present Member, Committee COVID-19 Principles and Policies for University Research  
 2023 Selection Committee, Princeton REU Program  
 2024-2025 Search Committee, Vice Provost for Space Programming and Planning

2025 Provost's Advisory Committee on Preserving Research Excellence in Response to Federal Funding Actions

**Non-University Committees and Service:**

1996-2000 Instructor, Advanced Bacterial Genetics Course, Cold Spring Harbor Laboratory  
 2000 Panelist, National Science Foundation Grant Review, Microbial Genetics Section  
 2001 Panelist, National Science Foundation Grant Review, Signal Transduction Section  
 2001 Organizer and Co-Chair, Cell-Cell Signalling in Bacteria Conference, Snowbird, Utah  
 2001 Visiting Professor, Burroughs Wellcome Fund, Louisiana State University  
 2001-2004 Editorial Board, *Molecular and Cellular Proteomics*  
 2001-2004 Associate Editor, *Genetics*  
 2001-2010 Editorial Board, *Journal of Bacteriology*  
 2001-present Member, Faculty of 1000  
 2002-2009 American Society for Microbiology Conferences Committee  
 2002-2003 Promega Biotechnology Research Award Nomination Committee, American Academy of Microbiology  
 2003-2006 Promega Biotechnology Research Award Selection Committee, American Academy of Microbiology  
 2003-2006 Panelist, National Science Foundation Grant Review, Prokaryotic Biology Section  
 2003 Planning Committee, National Academies Keck Futures Initiative  
 2003-2010 Editor, *Molecular Microbiology*  
 2004 Organizer and Chair, Cell-Cell Signalling in Bacteria Conference, Banff, Canada  
 2004 Member, Search Committee for Assistant Director of Biological Sciences, National Science Foundation  
 2004-2005 International Organizing Committee, IUMS  
 2005 Committee, New Directions in the Study of Antimicrobial Therapeutics: New Classes of Antimicrobials, National Academy of Sciences  
 2005-2007 Chair, Promega Biotechnology Research Award Selection Committee, American Academy of Microbiology  
 2005-2007 Member, Gordon Research Council  
 2006 Selby Visiting Professor and Lecturer, Australia  
 2006 Co-Organizer, DARPA Conf., Cooperation Among Microorganisms, Park City, Utah  
 2006-2015 Chief Editor and Editorial Board, *Annual Review of Genetics*  
 2007 Organizer and Chair, Gordon Research Conference Mechanisms of Microbial Adhesion, Salve Regina University  
 2007 Editor with Stephen Winans, *Chemical Communication Among Microbes*, (Book), ASM Press, Washington DC  
 2007 Panelist, NIH Grant Review Prokaryotic Cell and Molecular Biology Section  
 2007 Selection Committee, Wilson Medal of the American Society for Cell Biology  
 2007 Thesis Examiner, Department of Microbiology, Dartmouth Medical School  
 2007 Panelist, Site Visit, National Cancer Institute  
 2007-2008 Committee Member, Frontiers of Science at the Interface of the Physical and Life Sciences, National Academy of Sciences  
 2007 Committee Member, Fostering Innovation, National Institutes of Health  
 2008 Council Designee, Class Membership Committee, National Academy of Sciences, Irvine, CA  
 2008 Guest Lecturer, Women in Science Course, Western Kentucky University  
 2008-2009 Committee Member, Complexity Initiative, National Academies of Sciences  
 2008-2009 Committee on Election to Fellowship, American Academy of Microbiology  
 2008 Speaker and Panelist, Annual Biomedical Research Conference for Minority Students, ASM-NIGMS-Sponsored, Orlando, FL

2008-2009 Waksman Award Selection Committee, National Academy of Sciences  
2008-2009 Review Committee, Board on Life Sciences, National Academy of Sciences  
2008-2014 Associate Editor, *Cell*  
2009 ASM Ambassador Speaker, Microbiology Society of Korea, JeJu Island, Korea  
2009 Conference Organizer, Bacterial Regulatory Networks, UNIA, Baeza, Spain  
2009 Chair and Organizer, Steering Committee, Synthetic Biology: Building on Nature's Inspiration, Keck Futures Initiatives-National Academies of Science, Irvine, CA  
2009 Member, Review Committee, Biomedical Program, W. M. Keck Foundation  
2009-2010 Election to Membership Panel, American Academy of Arts and Sciences  
2009-2012 Chair and member, NIH Prokaryotic Cell and Molecular Biology Study Section  
2009-2012 Member, Board on Life Sciences, National Academy of Sciences  
2009-2019 Board of Editors, *mBio Journal*  
2009-2012 Steering Committee, ASM General Meeting Planning Committee  
2009-2011 Chair, Membership Strategic Planning, ASM Task Force  
2010, 2013 Instructor EMBO/FEBS Host-Microbe Interactions Course, Spetses, Greece  
2010 Steering Committee, American Academy of Microbiology Colloquium on Science Education  
2010 Committee Member, Food, Energy, and Climate Bold Challenges Workshop, National Academy of Sciences  
2010 Testimony, President's Commission for the Study of Bioethical Issues  
2010-2014 Communications Ancillary Committee, American Society for Microbiology  
2010-2011 Chair, Selman A. Waksman Award Committee, National Academy of Sciences  
2011-2015 Chief Editor, *Annual Review of Genetics*  
2011-2013 Chair, Biological Sciences Nominating Group, National Academy of Sciences  
2011-2012 Member, Task Force, Communications Strategic Planning, American Society for Microbiology  
2011-2012 Member STEM Advisory Task Force, Stuart Country Day School, Princeton, NJ  
2011 Member, Steering Committee, Social Behavior of Microbial Communities Forum, Institute of Medicine  
2011-2012 Member, Task Force, Enhancing Interactions with European Societies American Society for Microbiology  
2012 Jury Member, L'Oreal USA Fellowship  
2012 Speaker and Moderator, White House Bioeconomy Blueprint Roll Out  
2012 Member, National Academy of Sciences Lounsbery Award Selection Committee  
2013-2016 Selection Committee, Gruber Genetics Prize, American Society of Human Genetics  
2014-2018 Member, Program Committee, American Philosophical Society  
2015 Selection Committee, Vallee Foundation's Young Investigator Awards  
2015, 2018 Selection Committee, AAAS Women in Chemical Sciences Investigator Awards  
2015 Member, Review Panel, Moore Foundation Marine Microbiology Investigator Awards  
2015 Member, Tenure and promotion committee, Rockefeller University  
2016-2018 Member, American Academy of Arts and Sciences Committee on Studies and Publications  
2016 Committee Member, Vision and Pathways: National Institutes of Health  
2017 Reviewer, Canada Excellence Research Chair Competition  
2017 Selection Committee, HHMI Hanna H. Gray Fellows Program  
2017-2020 Jury Member, Marion Milligan Mason Award for Women in the Chemical Sciences, AAAS  
2018-2020 Jury, The Shaw Prize in Life Science and Medicine  
2018 Member, Tenure and promotion committee, Rockefeller University  
2018-2019 Member, Selection Committee National Academy of Sciences Selman A. Waksman Award  
2018-2019 Search Committee Member, Sloan Foundation, Science Program Officer  
2019-2024 Board of Trustees, Boehringer Ingelheim Stiftung, Kuratorium of the Heinrich Wieland Prize

2019-2020 Member, Max Planck-Humboldt Research Award Committee  
2019-present Member, mBio Editorial Advisory Board  
2019 Committee Member, NIH/NCI Site Review, laboratory of Molecular Biology  
2020 Member, External Review Panel, VIB Life Science Research Institute, Leuven, Belgium  
2020-2021 Member, Vallee Scholar's Selection Committee  
2020-2026 Chair of Selection Committee, The Shaw Prize in Life Science and Medicine  
2020 Ad Hoc Referee, National Science Foundation BIO Directorate Grant Proposals  
2021 Reviewer, HHMI Investigator Competition  
2021 Panelist, NIH Study Section, Inaugural Review of NIAD DP2 Proposals  
2021 Chair, NIH Special Emphasis Grant Review Panel  
2022 Committee Member, Gruber Foundation International Prize Program  
2023 NIH Infectious Diseases and Immunology Study Section Member  
2023 HHMI Reviewer, New Investigator Competition  
2024-2027 Member, Canada Gairdner Momentum Award Committee

***Community Outreach and Service:***

1996 Instructor, Institute on Neurobiology, Woodrow Wilson National Fellowship Foundation, National Program for Teachers, Princeton, NJ  
1996 Instructor/Laboratory Designer, National Association of Biology Teachers, Washington DC  
2001-2009 Organizer, PULSE (Princeton University Local Science Education) Princeton, NJ  
2003-2007 Advisor, Science Museum Education and Exhibition Program, New York, NY  
2005 Keynote Speaker, Women in Leadership Symposium, Princeton, NJ  
2005-2006 Advisor and Participant, Liz Lerman Dance Exchange: Ferocious Beauty Genome, Takoma Park, MD  
2006 Keynote Speaker, Dining by Design, Princeton, NJ  
2006 NPR, All Things Considered, Listening Guide to Bacteria, Washington, DC  
2006 PBS, NOVA Science Now, the Bacteria Whisperer, New York, NY  
2007 Keynote Speaker, Midwest Regional School Superintendents, Princeton, NJ  
2007 Keynote Speaker, Opportunities for Women in Science, Math, Technology, & Engineering, University of Wisconsin, Oshkosh, WI  
2007 Keynote Speaker, GlaxoSmithKline Women in Science Event 2007, Raleigh, NC  
2008 Keynote Speaker, Society of Cosmetic Chemists, New Brunswick, NJ  
2008 Keynote Speaker, Association for Science Teacher Education, St. Louis, MO  
2008 Keynote Speaker, Texas A and M University Distinguished Lecture Series, College Station, TX  
2008 Sigma Xi Research Society, William Potter Lectureship, Philadelphia, PA  
2008, 2012 ASCB- and HHMI-Sponsored iBio Seminars  
2008 Advisor and Participant, Cells and the Universe Inside Us, NSF-Sponsored Liz Lerman Dance Exchange program, Baltimore Science Museum,  
2008 Speaker, Panelist, and Lecturer (with Liz Lerman Dance Exchange) 100 Years Celebration, Montclair University, NJ  
2008 Speaker, Princeton Senior Resource Center, Science Café, Princeton, NJ  
2008 Speaker, At the Moment, Princeton, NJ  
2008 InterViews, National Academy of Sciences, Washington, DC  
2008 Inaugural Speaker, National Academies of Sciences Distinctive Voices, Woods Hole, MA  
2008 Speaker, Natural History Museum, NOVA: A Cosmic Conversation, New York, NY  
2008 Keynote Speaker, Panelist, Ferocious Beauty Genome, Lafayette, College, Easton, PA  
2008 Keynote Speaker, Inaugural NAS Science and Entertainment Exchange, Hollywood, CA  
2008 Speaker, Princeton Plasma Physics Laboratory Colloquia, Princeton, NJ  
2009 Speaker, Mercer County Educational Leaders, Trenton, NJ

- 2009 Speaker, Distinctive Voices, National Academies of Sciences, Irvine, CA
- 2009 Keynote Speaker, California Science Teachers Association, Palm Springs, CA
- 2009 Speaker, Capital Science Evening, Carnegie Institution for Science, Washington, DC
- 2009 Speaker, Koshland Science Museum, Washington, DC
- 2009 HHMI Holiday Lectures on Science: Biodiversity and the Search for New Medicines
- 2009 Organizer, Princeton Univ. Holiday Children's Program: "Germs a Detective Story"
- 2010 Leidy Society Lecturer, Wagner Free Institute of Science, Philadelphia, PA
- 2010 Speaker, Science on Saturday, Princeton Plasma Physics Laboratory, Princeton, NJ
- 2010 Speaker, USA Science and Engineering Festival: Nifty Fifty Program, Washington, DC
- 2010 Davidson Lecturer, Bronx Science High School, New York, NY
- 2010 Meet the Scientist, ASM Podcasts
- 2010 Panelist, The Future Looks Bright, Smithsonian Magazine, Washington, DC
- 2010 Speaker, This Week in Tech, Futures in Biotech, TWit Newscast Network Radio
- 2010-present Holiday Lecture (yearly, on an original topic, for 600 5-12 year olds), Princeton, NJ
- 2011 Distinguished Visiting Scientist, Friends' Central School, Wynnewood, PA
- 2011 Laumont Lecturer, Spence School, New York, NY
- 2011 Rajpat Lecturer, University of Maryland, Baltimore, MD
- 2011 Keynote Speaker, Metropolitan Association of College and University Biologists Conference, West Orange, NJ
- 2011 Brookhaven Natl. Laboratory Women in Science Charter Colloquium, Brookhaven, NY
- 2011 Commencement Forum/Frank Rothman Forum, Brown University, Providence, RI
- 2011 SciGirls, PBS/NSF Sponsored-television and website
- 2011 Public Lecture, Fermi Labs, Batavia, IL
- 2011 Keynote Speaker, Present Day Club, Princeton, NJ
- 2011 Tiger Talk, (for 900 NJ/PA high school students), Princeton, NJ
- 2012 Kern-Medina Seminars, Princeton, NJ
- 2012 Science on Tap, Philadelphia, PA
- 2012 BBC Horizon Series: The Cell Series, London, England
- 2012 BBC-Wide-Eyed Entertainment: The Epic Battle for the Cell Series, London, England
- 2012 Keynote Speaker, Communities Without Walls, Princeton, NJ
- 2013 Sci-Café, Natural History Museum, New York, NY
- 2013 Microbes at Night, Washington, DC
- 2013 Kern-Medina Seminars, Princeton, NJ
- 2013 BBC-Wellcome Trust: Exchanges at the Frontier
- 2014 Documentary, Animated Life: Seeing the Invisible, HHMI and the NY Times
- 2014 Claritas Distinguished Lecture, Susquehanna University, Selinsgrove, PA
- 2015 Kern-Medina Seminars, Princeton, NJ
- 2015 Wall Exchange Speaker, Vancouver, Canada
- 2015 Della Pietra Lecturer, Simons Center, Stony Brook, NY
- 2016 Smith Lecture, Davidson University, Davidson, NC
- 2016 Dialogues in Discovery Lecturer, Howard Hughes Medical Institute, Chevy Chase, MD
- 2016 Princeton Area Alumni Association, Princeton, NJ
- 2016 Kern-Medina Seminars, Princeton, NJ
- 2017 The Anatomy Lesson, Concertgebouw, Amsterdam, The Netherlands
- 2018 Keynote, Accelerated Learning Academy, W.E.B Du Bois Scholars Institute, Princeton, NJ
- 2018 Lecturer, Freshmen Scholars at Princeton Summer Research Course
- 2019 Opening Day Lecture, Summer REU Program, Princeton Center for Complex Materials, Princeton, NJ
- 2019 Seminar Speaker, Princeton University Freshmen Scholars Institute, Princeton, NJ
- 2020 Seminar Speaker, Princeton Adult School Innovation Course, Princeton, NJ
- 2020 Guest Speaker, Sigma Camp (science camp for 12-16 year olds) Virtual, due to COVID
- 2021 Speaker, Gilliam Fellows Discussion Session
- 2023 The Night Science Podcast

2023 Speaker, The Brew Lab Uncultured, Public Lecture, Toronto, Canada  
2023 Seminar, Freshman Scholars Institute, Princeton NJ  
2023 Exploring by the Seat of Your Pants, Toronto, Canada  
2024 Speaker, Microbe ATL, Monday Night Brewing, Atlanta, GA  
2025 NPR Science Friday  
2025 BBC World Service

**Scientific or Other Advisory Boards:**

1999-2005 Scientific Advisory Board, Quorex Pharmaceuticals, San Diego, CA  
2002-2007 Scientific Advisory Board, Cumbre, Dallas, TX  
2003 Scientific Advisory Board, Damon Runyon Cancer Research Foundation  
2005-2006 Scientific Advisory Board, AthenaBio, Philadelphia, PA  
2006-2007 Scientific Advisory Board, Transition State Therapies, Boston, MA  
2006-2009 Advisory Committee, Burroughs Wellcome Fund Interfaces in Science Program  
2006-2012 Scientific Advisory Board, Max Planck Institute for Infection Biology  
2006-2010 Scientific Advisory Board, BacTalk, Princeton, NJ  
2007-2011 Scientific Advisory Board, Cubist Pharmaceuticals  
2008-2010 Scientific Advisory Board, Pfizer Global Research  
2008-2012 Scientific Advisory Board, Agile Scientific, Chapel Hill, NC  
2008-2009 Advisor, Liz Lerman Dance Exchange, Takoma Park, MD  
2008-present Board of Directors, Science Communication Lab, Inc. (Formerly called iBio)  
2009 Jury, Tribeca Film Institute Sloan Film Maker Fund, New York, NY  
2009-2013 Scientific Advisory Board, Jane Coffin Childs Memorial Fund  
2009-2013 Science Education Advisory Board, Howard Hughes Medical Institute  
2009-2013 Scientific Advisory Board, Discovery Communications, Science Channel  
2010-2019 Advisory Council, Wagner Free Institute of Science  
2010-2021 Scientific Advisory Board, Whitehead Institute  
2011-2018 Scientific Advisory Board, PEW Charitable Trusts  
2011-2012 Scientific Advisory Committee, Instituto De Tecnologia Quimica Biologica, Lisbon, Portugal  
  
2011 NSF-Sponsored, "It's About Discovery" Teacher Preparation Program, Lima, OH  
2011-2016 Member, President's National Science Board  
2012-2020 Scientific Advisory Board, Gordon and Betty Moore Foundation  
2012-2013 Exhibit Advisor, Marian Koshland Science Museum of the NAS  
2012-2019 Scientific Advisory Board, TED  
2012-2016 Board of Directors, American Association for the Advancement of Science  
2012-2021 Scientific Advisory Board, L'Oreal Corporation  
2014 Scientific Advisory Committee, University of Melbourne, Faculty of Medicine, Dentistry and Health Sciences  
  
2014-2017 Graduate School Advisory Committee, Instituto De Tecnologia Quimica Biologica, Lisbon, Portugal  
  
2014-present Board of Trustees, Sloan Foundation  
2015-2016 Board of Directors, Sanofi Corporation  
2016-present Board of Directors, Regeneron Pharmaceuticals  
2016-present Board of Directors, Rosalind Franklin Society  
2017-2018 Scientific Advisory Board, Achaogen  
2017-present Honorary External Member, Max Planck Institute  
2017-present Board of Directors, Life Sciences Research Foundation  
2017-2022 Board of Scientific Counselors, Broad Institute  
2018-2022 Board of Directors, Kaleido Biosciences  
2019-2022 Chair, Board of Scientific Advisors, Jane Coffin Childs Memorial Fund for Medical Research

2019-present External Advisory Committee, West Virginia Clinical & Translational Science Institute  
2020-present Board of Directors, Royalty Pharma  
2020-present Scientific Advisor for Cryptyxbioscience  
2021-present Board of Directors, Cidara Therapeutics  
2022-present External Advisory Committee, Endowed Scholars Program, UT Southwestern Medical Center  
2022-present Advisory Board, Leading Edge Fellows and Scholars Programs  
2023-present Board of Directors, PumpKin Baby Inc.  
2025-present Board of Turstees, Robertson Foundation

**Publications:**

1. Hallenbeck, C., E. Vimr, F. Yu, B. Bassler, and F. Troy. 1987. Purification and properties of a bacteriophage-induced endo-N-acetylneuraminidase specific for poly-a-2,8-sialosyl carbohydrate units. *J Biol Chem.* 262:3553-3561.
2. Bassler, B., P. Gibbons, and S. Roseman. 1989. Chemotaxis to chitin oligosaccharides by *Vibrio furnissii*, a chitinivorous marine bacterium. *Biochem Biophys Res Commun.* 161:1172-1176.
3. Yu, C., A.M. Lee, B. Bassler, and S. Roseman. 1991. Chitin utilization by marine bacteria: A physiological function for bacterial adhesion to immobilized carbohydrates. *J Biol Chem.* Dec 25;266(36):24260-24267.
4. Bassler, B., P.J. Gibbons, C. Yu, and S. Roseman. 1991. Chitin utilization by marine bacteria: chemotaxis to chitin oligosaccharides by *Vibrio furnissii*. *J Biol Chem.* Dec 25;266(36):24268-24275.
5. Bassler, B., C. Yu, Y. Lee, and S. Roseman. 1991. Chitin utilization by marine bacteria: degradation and catabolism of chitin oligosaccharides by *Vibrio furnissii*. *J Biol Chem.* Dec 25;266(36):24276-24286.
6. Yu, C., B. Bassler, and S. Roseman. 1993. Chemotaxis of the marine bacterium *Vibrio furnissii* to sugars: A potential mechanism for initiating the chitin catabolic cascade. *J Biol Chem.* May 5;268(13):9405-9409.
7. Bassler, B., M. Wright, R. Showalter, and M. Silverman. 1993. Intercellular signalling in *Vibrio harveyi*: sequence and function of genes regulating expression of luminescence. *Mol Microbiol.* Aug; 9(4):773-786.
8. Bassler, B., M. Wright, and M. Silverman. 1994. Sequence and function of LuxO, a negative regulator of luminescence in *Vibrio harveyi*. *Mol Microbiol.* May;12(3):403-412.
9. Bassler, B.L., M. Wright, and M.R. Silverman. 1994. Multiple signalling systems controlling expression of luminescence in *Vibrio harveyi*: sequence and function of genes encoding a second sensory pathway. *Mol Microbiol.* Jul;13(2):273-286.
10. Bassler, B.L. and M.R. Silverman. 1994. Intercellular communication in marine *Vibrio*: density-dependent regulation of the expression of bioluminescence. In: *Two Component Signal Transduction*, eds. J.A. Hoch and T.J. Silhavy, American Society for Microbiology, Washington, DC, pp. 431-445.

11. Bassler, B.L., E.P. Greenberg, and A.M. Stevens. 1997. Cross-species induction of luminescence in the quorum-sensing bacterium *Vibrio harveyi*. *J Bacteriol.* Jun;179(12):4043-4045. PMID: PMC179216.
12. Surette, M.G. and B.L. Bassler. 1998. Quorum sensing in *Escherichia coli* and *Salmonella typhimurium*. *Proc Natl Acad Sci, USA.* Jun 9;95(12):7046-7050. PMID: PMC22733.
13. Bassler, B.L. 1999. A multi-channel two-component signalling relay controls quorum sensing in *Vibrio harveyi*. In: *Bacterial Cell-Cell Signalling*, eds. G. Dunny and S. Winans. American Society for Microbiology, Washington, DC p. 259-273.
14. Surette, M.G. and B.L. Bassler. 1999. Regulation of autoinducer production in *Salmonella typhimurium*. *Mol Microbiol.* Jan;31(2):585-595.
15. Freeman, J.A. and B.L. Bassler. 1999. A genetic analysis of the function of LuxO, a two-component response regulator involved in quorum sensing in *Vibrio harveyi*. *Mol Microbiol.* Jan;31(2):665-677.
16. Freeman, J.A. and B.L. Bassler. 1999. Sequence and function of LuxU: a two-component phosphorelay protein that regulates quorum sensing in *Vibrio harveyi*. *J Bacteriol.* Feb;181(3):899-906. PMID: PMC93457.
17. Surette, M.G., M.B. Miller, and B.L. Bassler. 1999. Quorum sensing in *Escherichia coli*, *Salmonella typhimurium* and *Vibrio harveyi*: A new family of genes responsible for autoinducer production. *Proc Natl Acad Sci, USA.* Feb 16;96(4):1639-1644. PMID: PMC15544.
18. Bassler, B.L. 1999. How bacteria talk to each other: regulation of gene expression by quorum sensing. *Curr Opin Microbiol.* Dec;2(6):582-587.
19. Freeman, J.A., B.N. Lilley, and B.L. Bassler. 2000. A genetic analysis of the functions of LuxN: a two-component hybrid sensor kinase that regulates quorum sensing in *Vibrio harveyi*. *Mol Microbiol.* Jan;35(1):139-149.
20. Lilley, B.N. and B.L. Bassler. 2000. Regulation of quorum sensing in *Vibrio harveyi* by LuxO and sigma-54. *Mol Microbiol.* May;36(4):940-954.
21. Joyce, E.A., B.L. Bassler, and A. Wright. 2000. Evidence for a signaling system in *Helicobacter pylori*: detection of a *luxS*-encoded autoinducer. *J Bacteriol.* Jul;182(13):3638-3643. PMID: PMC94532.
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210. Mashruwala, A. and B.L. Bassler. 2024. Quorum sensing orchestrates parallel cell death pathways in *Vibrio cholerae* via Type 6 secretion dependent and independent mechanisms. *Proc. Natl. Acad. of Sci. USA*. Nov 12;121(46):e2412642121. DOI: <https://doi.org/10.1073/pnas.2412642121>. Epub 2024 Nov 5. PMID: PMC11573629.
211. Johnson, G.E., C. Fei, N.S. Wingreen, and B.L. Bassler. 2025. Analysis of gene expression within individual cells reveals spatiotemporal patterns underlying *Vibrio cholerae* biofilm development. *PLoS Biol*. May 16;23(5):e3003187. DOI: <https://doi.org/10.1371/journal.pbio.3003187>. Epub ahead of print. PMID: PMC12121927.
212. Valastyan, J.S., E.E. Shine, R.A. Mook, and B.L. Bassler. 2025. Inhibitors of the PqsR quorum-sensing receptor reveal differential roles for PqsE and RhII in control of phenazine production. *ACS Chem Bio*. Jun20;20(6):1273-1287. DOI: <https://doi.org/10.1021/acscchembio.5c00114>. Epub 2025 May 14. PMID: PMC12186256.
213. Silpe J.E., K. Damian-Medina, and B.L. Bassler. 2025. Food-derived compounds extend the shelf-life of frozen human milk. *Foods*. Jun 7;14(12):2018. DOI: <https://doi.org/10.3390/foods14122018>. PMID: PMC12191995.
214. Nardella, D., K. Damian, M.E. Glassman, B.L. Bassler, S.N. Taylor, and J. Silpe. 2025. A national survey: Trends in US postpartum pumping practices after term deliveries. *Submitted*.
215. Santoriello, F.J. and B.L. Bassler. 2025. A family of linear plasmid phages that detect a quorum-sensing autoinducer exists in multiple bacterial species. bioRxiv [Preprint]. Jul 30:2025.07.30.667625. DOI: <https://doi.org/10.1101/2025.07.30.667625>. PMID: PMC12324486. *Submitted*.
216. Mashruwala, A., K. Decker, C. Fei, J. Valastyan, and B.L. Bassler. 2025. A transcription factor-sRNA-mediated double-negative feedback loop confers pathogen-specific control of quorum-sensing genes. *Submitted*.

***Patents and Patent Applications:***

- 1-7. Compositions and Methods for Regulating Bacterial Pathogenesis
- 8-10. Compounds and Methods for Regulating Bacterial Growth and Pathogenesis
11. Crystals of LuxP and Complexes Thereof
12. Inhibitors of Autoinducer Transporters
13. Small RNAs and Bacterial Strains Involved in Quorum Sensing
14. AI-2 Compounds and Analogs Based on Salmonella typhimurium LsrB structure
15. Expeditious Synthesis of DPD
16. Identification of Bacterial Autoinducer and Use in Treating Bacterial Pathogenicity
- 17-18. Inhibition of Quorum Sensing Mediated Processes in Bacteria
19. Small Molecule Antagonists of Bacterial Quorum Sensing Receptors
20. Heterocycle Analogs of CAI-1 as Agonists of Quorum Sensing in *V. cholerae*
21. Broad Spectrum Pro-Quorum-Sensing Molecules as Inhibitors of Virulence in *Vibrios*
22. Small Molecules Active in Quorum Sensing for Inhibition of Biofilm Streamers
23. Inhibition of Virulence and Biofilm Formation in *Pseudomonas*
24. Systems and Methods to Detect Biofilm Streamer Growth and Their Uses
25. Molecules and Compositions that Inhibit Gram Negative Bacteria and Their Uses
26. Surfaces Comprising Attached Quorum Sensing Modulators
27. Novel Antimicrobial Compositions and Methods of Use
28. Methods, Devices and Compositions for Preserving Human Milk

***Professional Society Memberships:***

The American Society for Microbiology  
American Association for Advancement of Science  
Society for Bioluminescence and Chemiluminescence  
American Society for Biochemistry and Molecular Biology  
American Society for Cell Biology  
International Union of Microbiological Societies  
New York Academy of Sciences  
American Chemical Society  
Biochemical Society  
Genetics Society of America

***Trainees:***

***Senior Thesis Research Supervision*** (\*denotes under-represented group)

1996 Amy Gladfelter  
Andrew Keverline  
1997 Laura Snyder  
Veronica Valdivieso\*  
1998 Brendan Lilley  
1999 Kristin Egan  
2000 Gregory Deirmengian  
Taylor Armstrong  
2001 Julia Semmelheck  
2002 Alana Benjeman  
2003 Jennifer Rosenbluth  
2004 Rebecca Snyder  
Amy Tsou  
Ian Monk

Julie Wu  
2005 Courtney Goodwin  
David Herman  
Julie Wu  
Andrew Beecham  
2006 Julie Wu  
2007 Ashley Wolf  
Meghan Ramsey\*  
Emily Witkin  
Colleen O'Loughlin  
Rebecca Harris  
2008 Joyce Huang  
Bixiao Zhao  
Colleen O'Loughlin  
Katherine Marks\*  
2009 Reginald Salvant\*  
Yihe Dong  
Cameron Myhrvold  
Hendia Edmund\*  
Monica Banerjee  
2010 Cameron Myhrvold  
Allan Utria\*  
Monica Banerjee  
Suhyun Kim  
Cynthia Steinhardt (high school)  
2011 Cameron Myhrvold  
Allan Utria\*  
Monica Banerjee  
Suhyun Kim  
Diana Tafoya\*  
Cynthia Steinhardt (high school)  
Sofia Quinodoz\*  
Christine Mak  
Hana Snow  
2012 Sofia Quinodoz\*  
Christine Mak  
Hana Snow  
Claudia Hilera\*  
Katherine Angier (high school)  
Gillian Koehl (high school)  
Daria Koren  
2013 Sofia Quinodoz\*  
Christine Mak  
Hana Snow  
Daria Koren  
Graham Read  
David Wang  
Paul Oh  
2014 Lynessa McGee\*  
Deirdre Ricaurte  
Yentli Soto Albrecht  
2015 Lynessa McGee\*  
Deirdre Ricaurte

Emily Wohl  
Aseel Abdalla  
Alfred Burton  
Christine Ziegler\*  
2016 Deirdre Ricaurte  
Emily Wohl  
Alfred Burton  
Michael Delgado  
Katrina Munoz\*  
Lev Bershadsky (high school)  
Fangzhu Zhao  
2017 Daniela Coronado  
Michael Delgado  
Thomas Ferrante  
Camille Sullivan  
2018 Daniela Coronado\*  
Dominique Summerville\*  
Janie Kim  
2019 Wen Du  
Megan Ostrowski  
Joseph Prentice  
Christian Hernandez\*  
2020 Joseph Prentice  
Dorian Pousont  
Maressa Cumbermack  
2021 Joseph Prentice  
Robert Schofner  
2022 Joseph Prentice  
Robert Schofner  
Evan Deturk  
Michelle Yoon  
2023 James Adams  
Evan Deturk  
Jingjing Wang  
Sergio Borunda\*  
2024 Sergio Borunda\*  
Juliana Vasquez\*  
Jingjing Wang  
2025 Jingjing Wang  
Hinano Tsuchiya

***Predoctoral Students***

Sep, 1995-Oct, 1999 Jeremy Freeman (Senior Director, Nektar Therapeutics)  
Sep, 1995-Sep, 1996 Jason Faris, Masters (Johns Hopkins University Medical School)  
Sep, 1997-Sep, 1998 Vanessa Fell, Masters  
Sep, 1998-Jun, 2002 Melissa Miller (Director, Clinical Molecular Microbiology Lab, UNC Chapel Hill)  
Sep, 1999-Jun, 2003 Michiko Taga (Associate Professor, Univ. of California, Berkeley)  
Sep, 1999-Jun, 2004 Kenny Mok (Associate Specialist, Univ. of California, Berkeley)  
Sep, 1999-Aug, 2004 Jennifer Henke (Principal Medical Writer, Novo Nordisk)  
Sep, 2000-Jul, 2006 Derrick Lenz (Director Strategy & Operations, Novartis Oncology)  
Sep, 2003-Feb, 2009 Douglas Higgins (Scientist, Pivot Biology, Berkeley, CA)  
Sep, 2003-Jan, 2009 Kim Tu (Medical Director, Pixacore, New York, NY)

Sep, 2004-Nov, 2008 Sine Svenningsen (Associate Professor, Univ. of Copenhagen, Denmark)  
 Sep, 2004-Jul, 2009 Audra Pompeani (Veterinarian, Stanford, CA)  
 Sep, 2004-Dec, 2009 Tao Long (Research Assistant Professor, Univ. of California, San Diego)  
 Sep, 2007-Sep, 2010 Shu-Wen Teng (Assoc. Principal Scientist, Merck, Kenilworth, NJ)  
 Sep, 2007-Aug, 2011 Carey Nadell (Associate Professor, Dartmouth College)  
 Sep, 2007-Aug, 2011 Jessica Schaffer (Molecular Biologist, MicroByre San Francisco, CA)  
 Sep, 2007-Mar, 2012 Yunzhou Wei (Research Scientist, Boehringer Ingelheim Animal Healthcare)  
 Sep, 2008-Dec, 2013 Yi Shao (Associate Partner, McKinsey & Co., Shanghai, China)  
 Sep, 2008-Feb, 2015 Zach Donnell (Head of Commercial Analytics, groupH, San Francisco, CA)  
 Sep, 2009-Feb, 2014 Colleen O'Loughlin (Assistant Professor, Bates College)  
 Sep, 2009-May, 2015 Xiaobo Ke (Senior Scientist, Dewpoint Therapeutics)  
 Sep, 2009-Dec, 2014 Lihui Feng (Assistant Professor, Fudan University, China)  
 Sep, 2011-May, 2017 Amanda Hurley (International Affairs Specialist, Avantiqor)  
 Sep, 2012-May, 2016 Alice Min (MD/PhD) (Resident Physician, Mount Sinai Hospital)  
 Sep, 2012-Jan, 2014 Donald Miller (Masters)  
 Sep, 2012-Feb, 2017 Kevin Minyoung Kim (Postdoctoral Fellow, Yonsei University Medical School)  
 Sep, 2014-Jan, 2015 Jenna Lobby (Masters)  
 Sep, 2014-Mar, 2019 Amelia McCready (Postdoctoral Fellow, U. Pennsylvania)  
 Sep, 2015-Jun, 2020 Justin Silpe (Chief Science Officer, PumpKin Baby, Inc.)  
 Sep, 2015-Jan, 2016 Robert Scheffler (Masters)  
 Sep, 2016-Jul, 2021 Michaela Eickhoff (Postdoctoral Fellow, Washington U. in St. Louis)  
 Sep, 2018-Dec, 2022 Olivia Duddy (Senior Consultant, Guidehouse, Chicago)  
 Sep, 2018-Jan, 2023 Chenyi Fei (Postdoctoral Fellow, MIT)  
 Sep, 2021-present Delaney Lacey  
 Sep, 2024-Jan, 2025 Aurora Joblon (Masters)

**Postdoctoral Fellows**

Sep, 1998-2002 Stephan Schauder (Research Scientist, Aventis Pharma)  
 Feb, 2000-2006 Karina Xavier (Principal Investigator, Instituto Gulbenkian de Ciencia, Lisbon, Portugal)  
 Sep, 2001-2008 Brian Hammer (Associate Professor, Georgia Tech., Atlanta, GA)  
 May, 2002-2008 Michael Federle (Professor, Univ. of Illinois at Chicago, Chicago, IL)  
 Aug, 2003-2008 Chris Waters (Professor, Michigan State Univ., East Lansing, MI)  
 Jun, 2005-2009 Lee Swem (VP, Head of Research, Federation Bio, San Francisco, CA)  
 Aug, 2006-2012 Wai-Leung Ng (Associate Professor, Tufts University, Boston, MA)  
 Oct, 2007-2008 Michelle Boehm (Scientific Associate, Precept Medical Communications)  
 Oct, 2008-2013 Steven Rutherford (Research Scientist, Genentech Corp., San Francisco, CA)  
 Jan, 2009-2013 Julia van Kessel (Associate Professor, Univ. of Indiana)  
 Nov, 2009-2011 Devin Stauff (Associate Professor, Grove City College)  
 Jul, 2010-2016 Anisa Ismail (Senior Scientific Director at Lockwood)  
 Aug, 2010-2014 Laura Miller (Associate Professor, San Jose State University)  
 Feb, 2011-2014 Knut Drescher (Associate Professor, University of Basel, Biozentrum, Basel, Switzerland)  
 Feb, 2011-2014 Kristin Werner (Director, Data Science and Engineering, Snowflake Computing)  
 Sep, 2011-2015 Carey Nadell (Associate Professor, Dartmouth College)  
 Jun, 2012-2015 Kai Papenfort (Professor, University of Jena, Jena, Germany)  
 Jan, 2013-2015 Christian Ventocilla (Scientist, PharmaIN, Corp.)  
 Sep, 2013-2014 Giancarlo Garcia-Schwarz (Senior Software Engineer, Google)  
 Sep, 2014-2019 Jon Paczkowski (Assistant Professor, University of Albany/Wadsworth Center)  
 Nov, 2014-2019 Jing Yan (Assistant Professor, Yale University)  
 Dec, 2014-2020 Sampriti Mukherjee (Assistant Professor, University of Chicago)  
 Mar, 2015-2018 Nina Hoyland-Kroghsbo (Assistant Professor, University of Copenhagen)

Oct, 2015-2021	Matthew Jemielita (R&D Scientist, Berkeley Lights, Emeryville, CA)
Jan, 2017-2022	Andrew Bridges (Assistant Professor, Carnegie Mellon University)
Apr, 2017-2024	Ameya Mashruwala (Assistant Professor, Stowers Institute)
Oct, 2017-2021	Xiuliang Huang (Senior Scientist, Regor Therapeutics Group, Shanghai, China)
Aug, 2018-2023	Boyang Qin (Assistant Professor, Shanghai Jiao Tong University)
Sep, 2018-2022	Isabelle Taylor (Assistant Professor, William and Mary College)
Jun, 2019-2021	Jennifer Sun (Grant Writer/Staff Scientist, New York Genome Center)
Apr, 2020-present	Emilee Shine
Jun, 2021-present	Grace Beggs
Jul, 2021-present	Frank Santoriello
Sep, 2021-present	Grace Johnson
Jan, 2022-2024	Justin Silpe (Chief Science Officer, PumpKin Baby, Inc)
Aug, 2023-present	Michael Bunsick
Feb, 2024-present	Hasreet Gill
Apr, 2024-present	Thu VP Nguyen
Feb, 2025-present	Gabriel D'Agostino
Aug, 2025-present	Molly Sargen

***Pre- and Postdoctoral Fellowships Awarded to Trainees***

Jeremy Freeman	University Research Board Fellowship
Stephan Schauder	(DAAD) German Academic Exchange Service
Karina Xavier	Portugal Biological Sciences Fellowship
Melissa Miller	Princeton Porter Ogden Jacobus Fellowship
Derrick Lenz	HHMI Predoctoral Fellowship
Michael Federle	NIH Postdoctoral Fellowship, K99 Transition to Independence Grant
Brian Hammer	NIH Postdoctoral Fellowship
Chris Waters	NIH Postdoctoral Fellowship, K99 Transition to Independence Grant
Sine Svenningsen	Leschly Fellowship
Lee Swem	NIH Postdoctoral Fellowship
Wai-Leung Ng	NIH Postdoctoral Fellowship
Michelle Boehm	Damon Runyon Postdoctoral Fellowship
Carey Nadell	NSF Predoctoral Fellowship
Julia van Kessel	NIH Postdoctoral Fellowship
Stephen Rutherford	NIH Postdoctoral Fellowship
Zach Donnell	NSF Predoctoral Fellowship
Devin Stauff	NIH Postdoctoral Fellowship
Knut Drescher	Human Frontiers Postdoctoral Fellowship
Cameron Myhrvold	Hertz Predoctoral Fellowship
Anisa Ismail	NIH Postdoctoral Fellowship, L'Oreal Women in Science Fellowship
Wai-Leung Ng	NIH Postdoctoral Fellowship, K00 Faculty Independence Grant
Kai Papenfort	Human Frontiers Postdoctoral Fellowship
Xiaobo Ke	Howard Hughes Medical Institute International Predoctoral Fellowship
Amanda Hurley	NSF Predoctoral Fellowship
Sofia Quinodoz	HHMI Graduate Fellowship, NSF Graduate Fellowship
Alice Min	NIH M.D.-Ph.D. Fellowship
Jon Paczkowski	Jane Coffin Childs Postdoctoral Fellowship
Nina H-Kroghsbo	Denmark Ministry of Education Postdoctoral Fellowship
Justin Silpe	DOD Predoctoral Fellowship and Princeton Proctor Fellowship
Jing Yan	Burroughs Wellcome Fund's Career Awards at the Scientific Interface
Sampriti Mukherjee	LSRF Postdoctoral Fellowship and NIH K99/R00 Pathway to Independence
Andrew Bridges	Damon Runyon Postdoctoral Fellowship, Dale Fray Breakthrough Scientist Fellowship, and NIH K99/R00 Pathway to Independence

Ameya Mashruwala	LSRF Postdoctoral Fellowship and NJCCR Postdoctoral Fellowship
Isabelle Taylor	NIH Postdoctoral Fellowship
Matthew Jemielita	NIH K99/R00 Pathway to Independence Fellowship
Jennifer Sun	NIH Postdoctoral Fellowship
Justin Silpe	Jane Coffin Childs Postdoctoral Fellowship
Grace Johnson	Damon Runyon Postdoctoral Fellowship
Grace Beggs	NIH Postdoctoral Fellowship
Hasreet Gill	Damon Runyon Postdoctoral Fellowship