

CURRICULUM VITAE**Elaine Mirkin****Contact Information:**

Pacific Biosciences Research Center
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Employment:

<u>Institution</u>	<u>Position</u>	<u>Dates</u>
Pacific Biosciences Research Center University of Hawai'i, Manoa Honolulu, HI	Assistant Specialist	2023 - Present
Dept. of Molecular and Cell Biology University of Connecticut Storrs, CT	Director of Graduate Professional Education Program Assistant PSM Program	2017 - 2023 2003- 2017
Vetoquinol Belp, Switzerland	Quality Control Product Registration Specialist	2000 - 2001
University of Berne Institute for Infectious Diseases Berne, Switzerland	Exhibition and Website Designer Documentation Editor	1997 - 2000
Marlborough School Los Angeles, CA	Science Teacher Honors Biology Chemistry	1993 - 1996

Education:

<u>Institution</u>	<u>Field of Study</u>	<u>Dates and Degree</u>
University of Southern California Los Angeles, CA	Biology Advisor: Edward Ruby	1985 - 1991 Ph.D. Candidacy 1988 M.S. 1991
San Francisco State University San Francisco, CA	Molecular Biology Chemistry Minor	1980 - 1985 B.S. 1985
Point Loma Nazarene University Arcadia, CA	Teaching Credential Life Sciences Chemistry and Math	1991 - 1992

Education (continued):

<u>Institution</u>	<u>Field of Study</u>	<u>Dates and Degree</u>
MBL Woods Hole, MA	Microbiology: Molecular Aspects of Diversity	1989
Vassar College Poughkeepsie, NY		1978 - 1980

Summary Statement:

After two decades working with professional science education programs, I currently utilize my experience and skill sets to collaborate on career and professional development activities in PBRC and elsewhere on the University of Hawai'i, Manoa campus. The focus is on the following activities:

- Work with PBRC, SOEST and others to implement and assess courses, seminars, and workshops to provide scientific and technical training.
- Work with PBRC's COBRE career and professional development teams and related activities across SOEST and UH to implement short courses and/or workshops on communication skills, grantsmanship, identifying funding opportunities, budgeting, and laboratory management.
- Work with graduate program faculty to coordinate the implementation of interdisciplinary programs across scientific disciplines.

Memberships:

ARCS Foundation, Inc. Honolulu Chapter (2024 – present)

Awards, Scholarships and Honors:

Cum Laude Society, Marlborough School (1995)

Achievement Rewards for College Scientists (ARCS) Scholarship, University of Southern California (1989-1991)

Marine Biological Laboratory (MBL) Tuition Award. Microbiology summer course at MBL, Woods Hole, MA (1989)

Outstanding Teaching Assistant Award, University of Southern California (1988)

Sigma Xi, the Scientific Research Society, University of Southern California (1986)

National Science Foundation: Graduate Fellowship Honorable Mention (1985)

Magna cum Laude, San Francisco State University (1985)

Departmental: Biological Sciences and All-University High Academic Honors, San Francisco State University (1985)

Phi Beta Kappa Honor Society, San Francisco State University (1984)

Sylvia Ashe Scholarship for Outstanding Achievement, San Francisco State University (1984-1985)

Committees:

IAAB Governance Committee (2024 – Present)

Gaspirini Scholarship PSM awards committee (2022 - 2023)

Career Champion Program, Center for Career Development, University of Connecticut (2021-Present)

NSF S-STEM fellowship PSM awards committee (2009 - 2014)

Committees (continued):

Professional Growth and Development, Diversity Committee, Faculty Search Committee, Marlborough School, Los Angeles, CA (1993-1996)
Partnership Academies Handbook, Mentor Program Coordinator, Graphic Arts Academy, Pasadena High School, Pasadena, CA (1992-1993)
Mentor Teacher Selection Committee, Pasadena Public School District, Pasadena, CA (1991-1992)

Conferences and Workshops:

Ola HAWAII 2024 Mentoring Bootcamp (2024)
Innovation Playground:
Extended Reality (XR) (2024)
H5P (an interactive activity creator) (2024)
Work Smarter Not Harder: Level Up AI Prompting (2024)
Same (AI) Tools, New Features! (2024)
Academic and/or research-related generative AI (GenAI) tools (2023)
Faculty Puwalu Research Forum:
Partnering with the University of Hawai'i Foundation: Advancing Research across UH (2024)
NSF Partnerships for Innovation Program Info Session: Accelerating Technology, Innovation and Partnerships (2023)
Search Committee Process Guidelines (2023)
Faculty Mentoring Program:
Creating Data Management and Sharing Plans: Navigating NIH Funding Requirements (2023)
MCB PSM/PM/PhD Career Panel – Organizer, University of Connecticut (2018)
Partnership in Innovation and Education (PIE) Fellowship program – Organizer MCB PSM Program, University of Connecticut (2018)
Office of the Provost Academic Administration Forum, University of Connecticut (2015)
Professional Development for Administrative Support Staff – It Takes Two; Managing up and Presenting to your Boss, University of Connecticut (2014)
EAP Supervisory Resource, Effective Communication, and Difficult Behavior, University of Connecticut (2013)
OSD Platinum Husky Service, first cohort in pilot program, University of Connecticut (2013)
Interaction & Leadership Program – Time Management, University of Connecticut (2013)
Aurora WordPress Basics and Site Administrator Training, University of Connecticut (2013)
WebFocus Info Assist Overview, University of Connecticut (2013)
Webinar Transition PSM Program, Council of Graduate Schools, Washington, D.C. (2012)
Interaction & Leadership Program, University of Connecticut (2012)
Supervisor Essentials Program, University of Connecticut (2012)
Content Management Systems, Information Services, Information Session, University of Connecticut (2011)
WordPress, Open Source Content Management System, Information Session, University of Connecticut (2011)
Career Portfolios, Caring about “U”CONN, Professional Development, Workshop, University of Connecticut (2011)

Conferences and Workshops (continued):

- Data Management for Grant Funded Projects, University Research Administrators Forum, University of Connecticut (2011)
- Ergonomics for Laboratory Researchers and Technicians, Workplace Health and Safety Workshop, University of Connecticut (2011)
- President's Commission on Corporate Social Responsibility (CSR), Information Session, University of Connecticut, (2010)
- MindLeaders On-line Professional Development Workshops (Excel, Budgeting, Time Management for Maximum Productivity, Career Development, University of Connecticut (2010)
- Something's Happening ... Partners in Leading the Way – Civility in the Workplace, Supervisory Positions, University of Connecticut (2009)
- Leadership Excellence: Transforming your Career, Provost's Commission on the Status of Women, Dodd Center, University of Connecticut (2008)
- Introducing UConn's ePortfolio System (Career Development, Advising, and Student Development), Instructional Resource Center, University of Connecticut (2007)
- Negotiating Your Way to Success, Women in Science, Math & Engineering, University of Connecticut (2007)
- The ABC's of Resume Writing, Professional Issues Committee, University of Connecticut (2007)
- National Association of Biology Teachers, Phoenix, AZ (1995)
- Summer Ethics Institute, Council for Religion in Independent Schools, Washington, D.C. (1995)
- 7th Annual People of Color Conference, National Association of Independent Schools., Albuquerque, N.M. (1994)
- Across Colors Conference, The Independent School Alliance for Minority Affairs, North Hollywood, CA. (1994)
- Workshop for Teachers of Adolescents, UCLA Extension, Los Angeles, CA. (1994)
- Focus Institute: Implementing Science Reform. California Science Teachers Association. Los Angeles, CA. (1993)
- Using Cooperative Learning to Enhance your Science Instruction. Bureau of Education & Research. Anaheim, CA. (1993)

Teaching:

- PSM Professional Development Seminar, Co-Instructor (Fall and Spring Semester, 2017 to Present)

M.S. Thesis:

- Stable Carbon Isotope Fractionation in a Sulfur-Oxidizing Chemoautotrophic Bacterium, an Ammonia-Oxidizing Chemoautotrophic Bacterium, and a Cyanobacterium.

Publications:

- Mirkin, Elaine. 2019 - 2021. Alumni Profiles. NPSMA Newsletter
- Strausbaugh, Linda, Lee Aggison, and Elaine Mirkin. 2009. Strategies for the Recruitment of Domestic Students into the PSM. Proceedings of the Sixth Professional Science Master's Biennial Meeting, 2009, Washington, D.C. 71-77
- Mirkin, Elaine and Joerg Graf. 2001. *Aeromonas*: Friend or Foe? Science in Africa.

Scientific Abstracts:

- E. S. Mirkin and E. Ruby. Stable carbon isotope fractionation in cultured chemoautotrophic bacteria. American Society of Microbiology annual meeting, Dallas, Texas, May 1991.
- E. Ruby and E. S. Mirkin. The role of stable carbon isotope studies in distinguishing between chemosynthetic and photosynthetic activity. Presented by Dr. Edward G. Ruby at the Office of Naval Research. Archaeobacteria Program Review Meeting, Washington, D.C., October 1989.

Presentations:

The PSM Degree: An Innovative Graduate Degree, Career Day, Department of Molecular and Cell Biology, University of Connecticut (2009)