

Brooke Rosenzweig

EDUCATION

Yale University PhD, Chemical Biology	2005-2010 New Haven, CT
University of Oxford Visiting scholar	2009 Oxford, UK
Emory University BA, Chemistry	1999-2003 Atlanta, GA

SELECTED HONORS

• *Fulbright Research Fellowship	2004-2005
• *National Science Foundation Graduate Fellowship	2005-2008
• *Stanford University Award for Doctoral Excellence	2009
• Yale's Distinguished Scholar Award	2006
• Best Presentation Awards (Yale, E-MRS, others)	2005-2010

*Nationally competitive awards

PROFESSIONAL EXPERIENCE

Foundation Advisors, LLC 2016 - present
Founder & President

- Advising philanthropies, venture offices, startups, private investors, and nonprofit organizations in emergent areas of science and medical research
- Operationalization of multiple funding programs, including: COVID response network; AI in medicine; fellowship programs; core facilities programs
- Strategic coaching for senior scientific leaders
- Landscape evaluation and creation of reports in biotech, philanthropy, and nonprofits
- Providing technical expertise, strategic analyses, program review, due diligence
- Relationship management on behalf of clients at industry meetings, events, workshops; liaising with and convening of key stakeholders
- Maintaining diverse, global network of individual experts and institutions
- Recruiting leading talent for biomedical and grantmaking organizations

The Helmsley Trust 2014 - 2016
Science Officer and Advisor to the CEO

- Developed science strategy for private nonprofit with \$5.5B endowment
- Oversaw strategy, due diligence, and relationship management for \$30M/year program in life science ("Basic Research Program")
- Founded and led \$10M/year program in open science ("Infrastructure Program")
- Conducted due diligence, assessed potential impact of prospective and awarded funding for projects
- Advised "lay"/nonscientist stakeholders (board of trustees, CEO, communications team), by digesting and communicating technical due diligence
- Maintained working relationships with staff, grantees, and thought leaders in philanthropy, government, industry, and investing
- Managed staff of four

The Mindich Child Health Institute at Mount Sinai 2012-2014
Program Manager

- Developed, launched, and managed operations for interdisciplinary research institute of 40+ faculty at the Mount Sinai School of Medicine
- Created annual report and held bimonthly progress meetings for institute's financiers
- Prepared and managed institute's \$2.5 million annual operational budget
- Recruited external scientific advisory board
- Founded and led funding, support and advisory programs for institute faculty
- Designed and implemented logistics for institute's laboratory resources

University of Pennsylvania School of Medicine 2010-2012
Postdoctoral Fellow; mentor: Dr. William DeGrado

- Independently designed projects, and met milestones scientific director (a US National Academy of Sciences member)
- Staffed and led two research teams of scientists on projects in drug development, biophysics, and bioinformatics
- Recruited senior faculty collaborators – including eventual Nobel Prize recipient James Rothman – for two research projects
- Prepared and gave formal research presentations

Yale University 2005-2010
Graduate Research Scientist, mentor: Dr. Andrew Hamilton (Vice Chancellor of Oxford, 2009-2015, currently President, New York University)

- Led three team research projects in drug development from concept to completion
- Author of five publications (first author on four) in journals among highest impact and readership in chemistry
- Managed operations for biological research laboratory
- Contributed writing and data to successfully fund a large (>\$1 million) government grant from the National Science Foundation
- Visiting Scholar at the University of Oxford (Fall 2009)

Fulbright Commission 2004-2005
Fulbright Fellow

- Designed independent project to scientifically assess art conservation at various sites in Italy (the Uffizi, Pitti Palace in Florence, and Palazzo San Marco in Venice)
- Communicated findings at the European Materials Research Conference (E-MRS); awarded conference prize best presentation
- Published data as a primary author in a leading journal of applied physics
- Chosen as an ambassador to represent Fulbright grantees at international conference in Berlin, and to foster scientific networking initiative

Emory University 2002-2004
Howard Hughes Medical Institute Fellow

- Developed program and organized seminar series to communicate science to the lay public
- Administered weekly meetings for fellows throughout the academic semester
- Recruited, screened, selected, and trained lecturers for series
- Prepared and presented a series of three lectures on biomedical discoveries
- With the program director, designed and established infrastructure for the inaugural seminar program, which continues to be offered at Emory