



Life After MIT

A Sampling of Careers in Biology

This program will cover non-traditional paths for Biology PhDs. Please join us at six exciting seminars featuring speakers who are at the top of these respective fields.

IAP 10

January

M T W Th F

Biotechnology

Nazneen Aziz, PhD, Co-Founder, Chief Scientific Officer, Vitrimark, Inc.
Tarik Soliman, PhD, Lab Head Process Sciences & Production, Novartis Biologics
Curtis Lockshin, PhD, Private Consultant, Member of the Board of Directors of Winston Pharmaceuticals, Inc. and Sorrento, Therapeutics, Inc.
Rachel Meyers, PhD, Senior Director, RNAi Lead Development, Alnylam Pharmaceuticals

Peter Weigele, PhD, Staff Scientist, New England Biolabs

Thursday, January 7th, 2–3:30pm, 68-181

Join us for short talks and a question and answer session with scientists who have made the jump into industry at companies such as Novartis, Alnylam Pharmaceuticals, New England Biolabs, and Vitrimark, Inc. What is it like? What's the best place for you? Startups, medium biotech, or big pharma?

Careers Outside the Box

Rocco Casagrande, PhD, Managing Director, Gryphon Scientific
Nina Dudnik, PhD, Founder and Executive Director, Seeding Labs
Connie Chow, PhD, First Executive Director, Science Club for Girls
Melina Fan, PhD, Executive Director at Addgene

Friday, January 15th, 1–2:30pm, 68-181

Leverage your PhD to tackle exciting challenges that require thinking outside the box. Learn how a Biology Department graduate used his degree as a biological weapons inspector for the United Nations. Be inspired by a former biologist who started her own nonprofit to forward important advances in science development worldwide. Open your mind to creative career options that build on your experiences in the lab.

Science Education & Outreach

Susan Heilman, PhD, Museum of Science
Alice Rushforth, PhD, MIT Instructor for 7.02

Catherine Wolf, SM, High school teacher

Megan Rokop, PhD, Director of Broad Institute Education Outreach

Tuesday, January 26th, 3:30–5:00pm, 68-181

Interested in teaching science without the bench work and grant writing that comes with a professorship? Come learn about science education from teachers in the classroom and the community. Hear about teaching high school versus college. Learn about doing educational outreach at a museum or an institute.

Careers in Law

Megan Gustafson, PhD, Science Advisor at Goodwin Procter LLP
John Li, PhD, MBA, JD, Head of IP at Novartis Biologics

Gayathri Srinivasan, PhD, Licensing Officer at UMass Medical

Friday, January 8th, 1–2:00pm, 68-181

What kinds of opportunities exist for PhDs in law-related professions? What are these careers like and are they right for you? Come hear from three PhD scientists who are bridging science and law through careers in a law firm, a biotechnology company, or an academic research center.

Science Communication & Publishing

Brian Plosky, PhD, Editor, Molecular Cell
Angela Egglestron, PhD, Senior Editor, Nature
Lissa Harris, SM, Freelance Science Journalist

Emily Singer, MS, Biomedical Editor, MIT Technology Review

Thursday, January 21st, 2–3:30pm, 68-181

The future of science depends on dissemination of scientific knowledge, both within the scientific community and beyond it to larger society. Learn about publishing jobs at scientific journals and at publications for a broader audience. Learn what it's like to be a science journalist. Come find out what skills you need for a career in science communications.

Science Policy

Michal Ilana Freedhoff, PhD, Policy Director, Office of Representative Edward Markey (D-MA)
Peter Frumhoff, PhD, Director of Science and Policy, Chief Scientist, Climate Campaign, Union of Concerned Scientists
Daniel Gallahan, PhD, Deputy Director, Division of Cancer Biology, National Cancer Institute, NIH
Kimberly Myers, PhD, Technology Program Manager, National Cancer Institute, NIH

Friday, January 29th, 1–2:30pm, Whitehead Auditorium.

Major decisions are made in Washington, D.C. that affect our research budgets, health care, and the environment. As scientists we can get involved in the federal policymaking process and provide valuable scientific expertise and analysis to some of the biggest questions of our day. Come meet PhDs who make science and innovation policy on Capital Hill, implement policy at the National Institutes of Health, and advocate for science-based, responsible policy at a nonprofit think tank.

Presented by the Biology Department and Biology graduate students at MIT.

Web: <http://web.mit.edu/biology/www/biology/iap.html>