11th ANNUAL

NIH CAREER SYMPOSIUM

MAY 18, 2018
NIH NATCHER CONFERENCE CENTER, BETHESDA, MARYLAND
**Lunch options:** The Natcher Conference Center Cafeteria is located on Level One. The Lister Hill Cafeteria (located in NIH Building 38A/Lister Hill, across the street) is located on Level B-1 located down the stairs in the center of lobby and to the left.
## NIH CAREER SYMPOSIUM • MAY 18, 2018 • AGENDA AT A GLANCE

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<tr>
<th>SESSION</th>
<th>TIME</th>
<th>SESSION TITLE &amp; LOCATION</th>
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<td><strong>SESSION TITLE &amp; LOCATION</strong></td>
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<tr>
<td><strong>Registration</strong></td>
<td>7:30 am–8:30 am</td>
<td>RUTH L. KIRSCHSTEIN AUDITORIUM</td>
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<tr>
<td><strong>Welcome (Auditorium)</strong></td>
<td>8:45 am</td>
<td>Welcome and the Top Tips for Using the Career Symposium for Career Success</td>
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<tr>
<td><strong>SESSION 1</strong></td>
<td>9:00 am–10:00 am</td>
<td>Industry: Research and Development</td>
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<tr>
<td><strong>Break</strong></td>
<td>10:00 am–10:15 am</td>
<td>LinkedIn Photo Booth available in Room H</td>
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<tr>
<td><strong>SESSION 2</strong></td>
<td>10:15 am–11:15 am</td>
<td>Getting Started: The Transition to Industry</td>
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<tr>
<td><strong>SESSION 3</strong></td>
<td>11:30 am–12:30 pm</td>
<td>Careers in the Federal Government</td>
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<tr>
<td><strong>Lunch</strong></td>
<td>12:30 pm–1:30 pm</td>
<td>Lunch on your own</td>
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<tr>
<td><strong>SESSION 4</strong></td>
<td>1:30 pm–2:30 pm</td>
<td>Careers in Science Policy and Advocacy</td>
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<tr>
<td><strong>Break</strong></td>
<td>2:30 pm–2:45 pm</td>
<td>Special treat</td>
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<tr>
<td><strong>SESSION 5:</strong> <strong>SKILL BLITZES 2:30–4:15 PM</strong></td>
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<tr>
<td><strong>TIME</strong></td>
<td><strong>AUDITORIUM</strong></td>
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<tr>
<td>2:45 pm–3:05 pm 20 min</td>
<td>Interviewing</td>
<td>Understanding the US Academic System</td>
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<td>Top Tips to be Successful in Your New Position</td>
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</table>
SESSION DESCRIPTIONS: NON-BENCH CAREERS

SESSION 1 • 9:00 am–10:00 am • Room E1/E2
CAREERS IN SCIENCE EDUCATION AND OUTREACH

Science education involves many opportunities outside of the classroom. Professionals in this field support scientific literacy to advance research and to inspire future generations. Panelists will share their thoughts on how the public is informed about recent scientific advances and the roles within organizations that support this goal.

- Brian Garrett, PhD
  Site Director, SMASH-Morehouse
- Alison Pearce, PhD
  Restoration Director, Audubon Naturalist Society
- Adam Ruben, PhD
  Associate Director, Vaccine Stabilization & Logistics, Sanaria Inc.
- Yolanda Bey-Williams, PhD
  Educational Program Manager, University of Delaware/Delaware Environmental Institute

SESSION 2 • 10:15 am–11:15 am • Balconies
CAREERS IN SCIENCE ADMINISTRATION

Administration of scientific programs requires effective management of time, people, and resources between various stakeholders in and outside an organization. Science administrators utilize knowledge in academic coordination, grant management, policy, and project coordination. Panelists in this session have successfully moved from the bench to science administration and will discuss the different skills needed to take on an organizational role in managing scientific programs.

- Gaelle Kolb, PhD
  Proposal Development Manager, University of Maryland
- Zoe Fonseca-Kelly, PhD
  Assistant Dean for Science, Harvard University
- Caleb McKinney, PhD
  Assistant Dean of Graduate and Postdoctoral Training & Development, Georgetown University Biomedical Graduate Education
- John Reich, PhD
  Scientific Program Director, Foundation for Food and Agriculture Scientific
- Courtney Pinard, PhD
  Education and Awards Program Specialist, AAI

SESSION 2 • 10:15 am–11:15 am • Room E1/E2
CAREERS IN SCIENCE WRITING AND EDITING

Careers in science communication span a diverse range of paths. Science writers and editors develop, write and edit materials to disseminate cutting-edge research among wider audiences. Speakers in this panel will highlight careers at journals, companies, and non-profit organizations.

- Amy Kullas, PhD
  Publishing Ethics Manager, American Society for Microbiology
- Carolyn Peluso, PhD
  Manager, Science Writing/Editing Team, Cell Signaling Technology
- Shana Spindler, PhD
  Freelance science writer/editor, Self-Employed
- Brad Wible, PhD
  Senior Editor, Science Magazine
SESSION 3 • 11:30 am–12:30 pm • Auditorium
CAREERS IN THE FEDERAL GOVERNMENT

The federal government offers a wide range of jobs for scientists in different areas: regulatory affairs, grants management, administration, budget management, food safety, and defense, to name a few. Panelists will discuss transitions from bench to government, the expectations placed upon federal employees, and how these roles compare to similar jobs in non-government agencies.

Luciana Espinoza, PhD
Health Scientist Administrator, NIH/NCI
Mike Manning, PhD
Pharmacologist, FDA
Barna Dey, PhD
Scientific Review Officer, NIH/CSR
Ashley Triplett, PhD
Science & Technology Manager, Joint Science & Technology Office, Defense Threat Reduction Agency
Rebecca Prevots, PhD, MPH
Epidemiologist, NIH/NIAID

SESSION 3 • 11:30 am–12:30 pm • Balconies
TECHNOLOGY TRANSFER AND PATENT CAREERS

Technology transfer, patents, and intellectual property (IP) management bridges scientific discovery with commercialization – a crucial part of the biopharmaceutical industry. Technology transfer and IP professionals ensure that scientific innovations are properly patented, licensed and managed to maximize financial outcomes for all stakeholders. Panelists will offer perspectives from university tech transfer offices, law firms, and the US government.

Aswani Valiveti, PhD, MBA
Technology Licensing Analyst, University of Maryland
Jason Mock, PhD, JD
Associate Attorney, Foley & Lardner LLP
Emily Cordas, PhD
Patent Examiner, USPTO
Shan Liu, PhD, JD
Patent Agent, Wilson Sonsini Goodrich & Rosati

SESSION 4 • 1:30 pm–2:30 pm • Auditorium
CAREERS IN SCIENCE POLICY AND ADVOCACY

Scientists are finding their way into the world of science policy and advocacy by using their analytical and communication skills to influence the course of scientific research. Experts in this field work at bridging gaps in scientific knowledge by relating the importance of scientific research to decision makers, politicians, potential donors and other groups, thus influencing how science reflects and guides our society. Panelists from government, private sector and non-government organizations will discuss how to transition into science policy and advocacy.

Deana Around Him, DrPH
Research Scientist, Child Trends
Diana Huestis, PhD
Health Policy Advisor, Office of the U.S. Global AIDS Coordinator and Health Diplomacy, U.S. Department of State
Audrey Thevenon, PhD
Program Officer, National Academies of Sciences, Engineering and Medicine
Sandeep Dayal, PhD
Health Science Policy Analyst, NIH/NIDDK

SPEAKER BIOGRAPHIES, SKILL BLITZ SLIDES AND ADDITIONAL CAREER SYMPOSIUM RESOURCES: http://go.usa.gov/k5gR
SESSION DESCRIPTIONS: INDUSTRY CAREERS

SESSION 1 • 9:00 am–10:00 am • Auditorium

INDUSTRY: RESEARCH & DEVELOPMENT

From drug development to bioinformatics, industry provides a diverse array of research positions. The scientists participating in this panel come from different types of industries and roles to share their insights on the variety of research and development opportunities available in these sectors.

Magdalena Preciado-Lopez, PhD
Scientist, Calico Labs, Life Sciences
Charu Chaudhry, PhD
Senior Research Investigator, Bristol Myers Squibb/Lead Discovery and Optimization
Allyson Byrd, PhD
Associate Scientist, Genentech
Jason Laliberte, PhD
Lab Head – Microbiology, GlaxoSmithKline (GSK) Vaccines

SESSION 1 • 9:00 am–10:00 am • Room F

CAREERS IN INVESTMENT AND CONSULTING

A career as a consultant or biotech analyst provides scientists with the unique opportunity to answer interesting and complex questions for a multitude of clients in the private, academic, and government sectors. You will hear our panelists’ advice regarding transferable skills you can gain now as a trainee, whether or not a secondary degree is necessary, and how to prepare for the transition to a successful career in investment or consulting.

Elizabeth Cho-Fertikh, PhD
Venture Partner, 1812 Ventures
Arti Santhanam, PhD
Director, Maryland Innovations Initiative, TEDCO
Rajni Samavedam, PhD
Principal, Booz Allen Hamilton
Isaac Rodriguez-Chavez, PhD
Chief Executive Officer, Founder, 4Biosolutions Consulting

SESSION 2 • 10:15 am–11:15 am • Auditorium

GETTING STARTED: THE TRANSITION TO INDUSTRY

A career in industry starts with effective methods for job hunting and leveraging skills that transfer from one position to the next. Panelists will talk about how to transition into an industry position and the most common hurdles experienced at the beginning of their careers.

Melissa Damschroder, PhD
Associate Director R&D, Antibody Discovery and Protein Engineering, MedImmune
Peter Szabo, MD, PhD
Principal Scientist, Bristol-Myers Squibb
Lokesh Jain, PhD
Director, Quantitative Pharmacology and Pharmacometrics, Merck (New York, NY)
Tanasa Osborne, PhD, DVM
Project Pathologist/Senior Investigator 1, Novartis
SESSION 3 • 11:30 am–12:30 pm • Room E1/E2
FINDING THE RIGHT SIZE COMPANY

Startups, medium-size and large companies have very different organizational systems and work environments. The panelists in this session will share information on how their companies are structured, and the unique opportunities, burdens and responsibilities that they have encountered while working in a wide variety of sectors.

Qingsong Zhu, PhD
Chief Operating Officer, Insilico Medicine

Dennise De Jesus-Diaz, PhD
Director Scientific Operations, Remedy Plan

Shantanu Shewale, PhD
Scientist, Product Development, Personal Genome Diagnostic

Ashish Gupta, PhD
Scientist 1, Novavax Inc.

SESSION 4 • 1:30 pm–2:30 pm • Room E1/E2
BREAKAWAY CAREERS IN INDUSTRY

Research and development (R&D) are not the only job opportunities in industry – non-bench careers are available in industries and can be equally gratifying. Explore opportunities such as sales and marketing outreach, medical science liaisons, quality control, and project management. These panelists will discuss the diverse non-R&D positions available in different industries as well as how to leverage scientific training during the job search process.

Aysegul Ergen, PhD
Regulatory Affairs Manager, CMC, Amgen

Jesse Damsker, PhD
Vice President, Operations, ReveraGen BioPharma Inc.

Kristin Fabre, PhD
Microphysiological Systems Lead, AstraZeneca

Sarah McCormick, PhD
Medical Science Liaison, Mallinckrodt Pharmaceuticals

SPEAKER BIOGRAPHIES, SKILL BLITZ SLIDES AND ADDITIONAL CAREER SYMPOSIUM RESOURCES:
http://go.usa.gov/k5gR
SESSION DESCRIPTIONS: CAREERS IN ACADEMIA

SESSION 1 • 9:00 am–10:00 am • Balconies
TRANSITION FROM POSTDOC TO FACULTY

Knowing what it takes to make the transition from trainee to independent faculty member will determine your success in becoming a tenured investigator. Faculty from research-intensive institutions will share their strategies and experiences on balancing new responsibilities and roles while continuing to be a successful researcher.

Eric Polley, PhD
Assistant Professor, Mayo Clinic
Stephanie Cologna, PhD
Assistant Professor, University of Illinois at Chicago
Robert Kortum, MD, PhD
Assistant Professor, Uniformed Services University of the Health Sciences
Megan Dennis, PhD
Assistant Professor, University of California, Davis
Jodie Fleming, PhD
Assistant Professor, North Carolina Central University

SESSION 2 • 10:15 am–11:15 am • Room F
RESEARCH AT UNIVERSITIES, GOVERNMENT AND NON-PROFITS

Research scientists play important roles to keep science running in all sectors. From core directors, research directors, staff scientists and more, these panelist are close to research in multiple capacities.

Stacey Gelhaus-Wendell, PhD
Assistant Professor and Director of the Health Sciences Metabolomics and Lipidomics Core, University of Pittsburgh
David Ball, PhD
Core Microscopist, NIH/NCI
Rena Lapidus, PhD
Associate Professor, Director, Translational Laboratory Shared Service, University of Maryland
Tracy Jill Doty, PhD
Human Stress Research Scientist, Walter Reed Army Institute of Research

SESSION 3 • 11:30 am–12:30 pm • Room F
TEACHING INTENSIVE FACULTY CAREERS

Faculty in teaching-focused higher education institutions will share their experiences about teaching, and the paths they followed to get there. They will discuss what it means to teach at different types of institutions, and talk about the challenges and rewards of this career choice.

Caitlin Fox, PhD
Lecturer, University of Maryland
Hyrum Carroll, PhD
Assistant Professor, Columbus State
Shanen Sherrer, PhD
Assistant Professor of Biochemistry, St. Mary’s College of Maryland
Kee Chan, PhD
Program Director, Master of Public Health online, Clinical Assistant Professor, Evaluation Program Co-Director, University of Illinois at Chicago
SESSION 4 • 1:30 pm–2:30 pm • Balconies
MAXIMIZING YOURSELF AS A FACULTY CANDIDATE

Our panelists will talk about the qualities they look for in a candidate, the types of departmental and institutional needs they consider, and how they make the final call on whom to hire.

Vince Clark, PhD
Professor, Director, Psychology Clinical Neuroscience Center, University of New Mexico
David Weliky, PhD
Professor, Michigan State
Alison McBride, PhD
Senior Investigator/Section Chief, NIH/NIAID
Patricia Cameron, PhD
Vice Dean, The Graduate School, Assistant Professor, Augusta University

CAREERS FOR CLINICIANS

SESSION 4 • 1:30 pm–2:30 pm • Room F
CAREER OPTIONS FOR CLINICIANS

A wide variety of career options are available for medical doctors in different sectors including academia, industry, government, and nonprofits. Panelists in this session will discuss their experiences and career paths available to clinicians.

Abigail Nash, MD
Associate Medical Director, Janssen Pharmaceuticals
Louis Weiner, MD
Director, Georgetown University, MedStar
Sandra Wolin, MD, PhD
Chief and Senior Investigator, RNA Biology Laboratory, NIH/NCI
David Menschick, MD
Office of Biostatistics and Epidemiology, CBER, U.S. Food and Drug Administration

SPEAKER BIOGRAPHIES, SKILL BLITZ SLIDES AND ADDITIONAL CAREER SYMPOSIUM RESOURCES:
http://go.usa.gov/k5gR
These short sessions are designed to give you an overview of the skills required to launch a successful job search. These will be a fast-paced, fun way to end the day. The first two sessions will be limited to twenty minutes with a five minute break between sessions. Speakers, who are our very own OITE staff and the scientific leadership of the NIH, will give you the highlights of the topics, with information about additional resources. Choose three sessions from the following offerings:

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<th>TIME</th>
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<th>ROOM F</th>
<th>ROOM C1/C2</th>
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<tr>
<td>2:45 pm–3:05 pm</td>
<td><strong>Interviewing</strong></td>
<td><strong>Understanding the U.S. Academic System</strong></td>
<td><strong>Networking and Informational Interviews</strong></td>
<td><strong>Stress Management &amp; Work-Life Balance</strong></td>
<td><strong>The Stadtman Search</strong></td>
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<td><strong>20 min in length</strong></td>
<td>This session will help you to navigate the interview process. We will discuss common interview questions and how to succeed using the Situation-Action-Response method.</td>
<td>This session will define the spectrum of academic institutions according to their research and salary support, teaching and research expectations, tenure requirements, and student body composition.</td>
<td>Find out how to expand and maintain with your network. This session will also explore using social media to advance your job search.</td>
<td>Combining research, job-searches, and life do not always seem to be easy for scientists. Come learn some stress management strategies to enhance your well-being.</td>
<td>Come learn about the NIH Intramural Research’s program: Earl Stadtman Tenure-Track Investigator Recruitment.</td>
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<td>3:10 pm–3:30 pm</td>
<td><strong>Exit Strategies and Preparing to Leave</strong></td>
<td><strong>Negotiating Your Job Offer</strong></td>
<td><strong>Unraveling the Myths of Industry</strong></td>
<td><strong>Finding a Postdoc</strong></td>
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<td><strong>20 min in length</strong></td>
<td>This session will give you strategies to talk to your boss about your career plans and also how to prepare for a successful launch to your new career.</td>
<td>What and how do you negotiate the various parts of your job package. This session is focused on non-academic positions.</td>
<td>This session will debunk common questions associated with industry such as: can you return to academia, do you have intellectual freedom, do you do good science, and can your project be taken away from you?</td>
<td>This session is for graduate students pondering a postdoc. We will highlight what to look for in a postdoc, deciding if you need a postdoc, how to apply, and more. We will also discuss how to get a postdoc at the NIH intramural research program.</td>
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<td>3:35 pm–4:15 pm</td>
<td><strong>CV/Résumés and Cover Letters</strong></td>
<td><strong>Top-Tips to be Successful in Your New Position</strong></td>
<td><strong>Find the Career for You</strong></td>
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<td><strong>40 min in length</strong></td>
<td>These important job search documents are your first chance to make an impression on potential employers. This session will cover the general structure of these documents, how to highlight transferable skills, and how to fill gaps in your experience by gaining additional skills while in grad school/postdoc.</td>
<td>The OITE director has seen many scientists transition to new research positions—and has observed common challenges that ensue during this move. Here she will discuss strategies to leave your postdoc/grad student mentality behind and succeed in your new work environment.</td>
<td>Your dream job does exist! You heard about many different positions today, and perhaps are narrowing down your career choice. This session will help you map out a plan to determine how your skills, interests and values can lead you to your perfect job.</td>
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SYMPOSIUM ORGANIZERS

SYMPOSIUM PLANNING COMMITTEE

Lori Conlan, PhD (OD), Chair
Sharolyn Kawakami-Schulz, PhD (OD), Co-chair
Jackie Newell-Hunt, MBA (OD)
Supreet Agarwal, PhD (NCI)
Xiaoyun Bai, PhD (NCI)
Jennifer Casiano-Matos, MS (NIAID)
Eric Cheng, PhD (NICHD)
Angel de la Cruz, PhD (NINDS)
Waleed Elsegeiny, PhD (NIAID)
Samantha Fede, PhD (NIAAA)
Ujjayini Ghosh, PhD (NIDDK)

Marieli Gonzalez-Cotto, PhD (NCI)
Mohsin Khan (NIAID)
Jiangnan Luo, PhD (NICHD)
Suzana Markolovic, PhD (NCI)
Christian Martin (NIMH)
Alida Palmisano, PhD (NCI)
Gareth Prosser, PhD (NIAID)
Nivedita Sangupta, PhD (NICHD)
Iain Sawyer, PhD (NCI)
Xuan Xu, PhD (NCI)

OFFICE OF INTRAMURAL TRAINING & EDUCATION (OITE)

The Office of Intramural Training & Education (OITE), in the Office of the Director, is home to more than 6000 trainees at NIH, including clinical fellows, postdoctoral fellows, graduate students, postbaccalaureate fellows, summer interns and many others. Along with the NIH Institutes and Centers, the OITE works to recruit a diverse group of trainees to NIH campuses and strives to create a training environment that fosters innovative and productive research and enables trainees to develop advanced communication and collaboration skills early in their scientific career.