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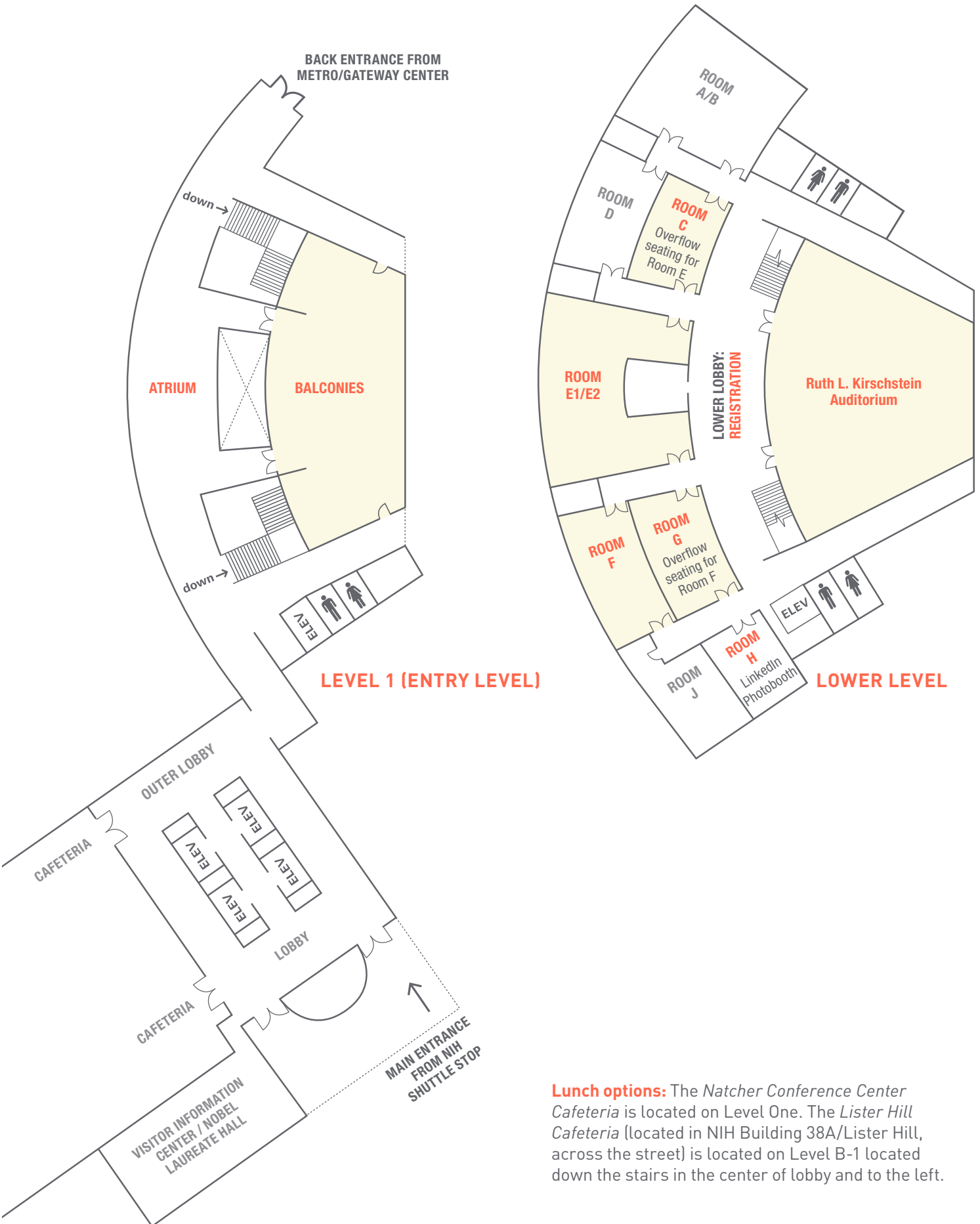
NIH CAREER SYMPOSIUM

MAY 18, 2018

NIH NATCHER CONFERENCE CENTER, BETHESDA, MARYLAND

CAREER SYMPOSIUM

NATCHER CONFERENCE CENTER (BUILDING 45)



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

SESSION	TIME	SESSION TITLE & LOCATION				
		RUTH L. KIRSCHSTEIN AUDITORIUM	BALCONIES	ROOM E1/E2	ROOM F	
Registration	7:30 am–8:30 am	LOWER LEVEL LOBBY				
Welcome (Auditorium)	8:45 am	Welcome and the Top Tips for Using the Career Symposium for Career Success				
SESSION 1	9:00 am–10:00 am	Industry: Research and Development	Transition from Postdoc to Faculty	Careers in Science Education and Outreach	Careers in Investment and Consulting	
Break	10:00 am–10:15 am • <i>LinkedIn Photo Booth available in Room H</i>					
SESSION 2	10:15 am–11:15 am	Getting Started: The Transition to Industry	Careers in Science Administration	Careers in Science Writing and Editing	Research at Universities, Government and Non-profits	
Break	11:15 am–11:30 am • <i>LinkedIn Photo Booth available in Room H</i>					
SESSION 3	11:30 am–12:30 pm	Careers in the Federal Government	Technology Transfer and Patent Careers	Finding the Right size company	Teaching Intensive Faculty Careers	
Lunch	12:30 pm–1:30 pm <i>Lunch on your own • LinkedIn Photo Booth available in Room H</i>					
SESSION 4	1:30 pm–2:30 pm	Careers in Science Policy and Advocacy	Maximizing Yourself as a Faculty Candidate	Breakaway Careers in Industry	Career Options for Clinicians	
Break	2:30 pm–2:45 pm <i>Special treat</i>					
SESSION 5: SKILL BLITZES 2:30–4:15 PM	TIME	AUDITORIUM	BALCONIES	ROOM E1/E2	ROOM F1/F2	ROOM C1/C2
	2:45 pm–3:05 pm <i>20 min</i>	Interviewing	Understanding the US Academic System	Networking and Informational Interviews	Stress Management and Work-life Balance	The Stadtman Search
	3:10 pm–3:30 pm <i>20 min</i>	Exit Strategies and Preparing to Leave	Negotiating Your Job Offer	Unraveling the Myths of Industry	Finding a Postdoc	
	3:35 pm–4:15 pm <i>40 min</i>	CV/Résumés and Cover Letters	Top Tips to be Successful in Your New Position	Find the Career for You		

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

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>

SESSION 5: SKILL BLITZES

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:

TIME	AUDITORIUM	BALCONIES	ROOM E1/E2	ROOM F	ROOM C1/C2
2:45 pm– 3:05 pm <i>20 min in length</i>	<p>Interviewing</p> <p>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.</p>	<p>Understanding the U.S. Academic System</p> <p>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.</p>	<p>Networking and Informational Interviews</p> <p>Find out how to expand and maintain with your network. This session will also explore using social media to advance your job search.</p>	<p>Stress Management & Work-Life Balance</p> <p>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.</p>	<p>The Stadtman Search</p> <p>Come learn about the NIH Intramural Research’s program: Earl Stadtman Tenure-Track Investigator Recruitment.</p>
3:10 pm– 3:30 pm <i>20 min in length</i>	<p>Exit Strategies and Preparing to Leave</p> <p>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.</p>	<p>Negotiating Your Job Offer</p> <p>What and how do you negotiate the various parts of your job package. This session is focused on non-academic positions.</p>	<p>Unraveling the Myths of Industry</p> <p>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?</p>	<p>Finding a Postdoc</p> <p>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.</p>	

SUPER BLITZ	AUDITORIUM	BALCONIES	ROOM E1/E2
3:35 pm– 4:15 pm <i>40 min in length</i>	<p>CV/Résumés and Cover Letters</p> <p>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.</p>	<p>Top-Tips to be Successful in Your New Position</p> <p>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.</p>	<p>Find the Career for You</p> <p>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.</p>

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)
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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.

build your career, shape the future



Office of Intramural Training & Education • 2 Center Drive, 2nd Floor • NIH Main Campus
Bethesda, MD 20814 • <https://training.nih.gov>