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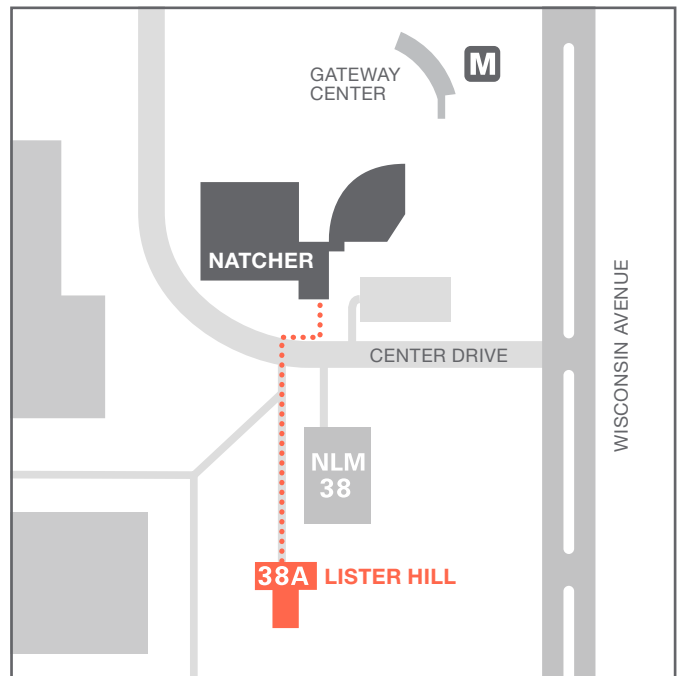
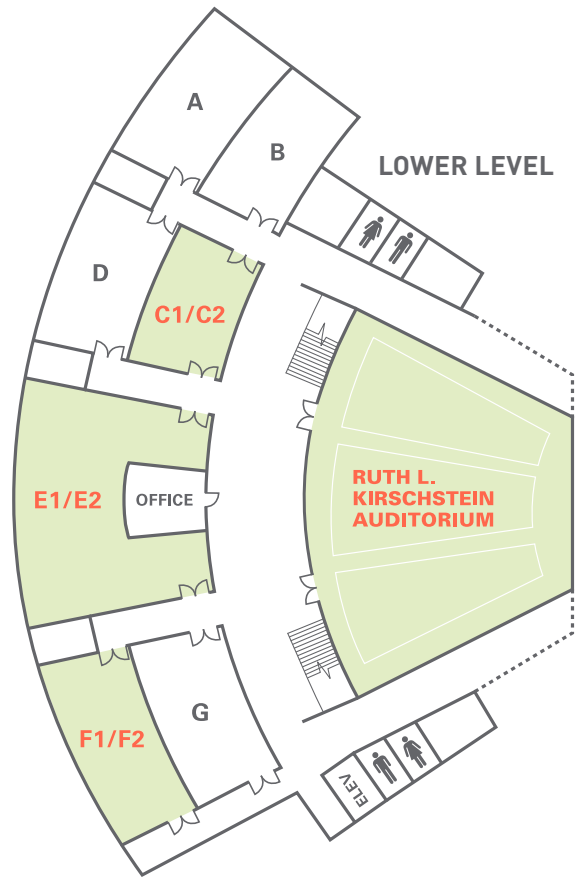
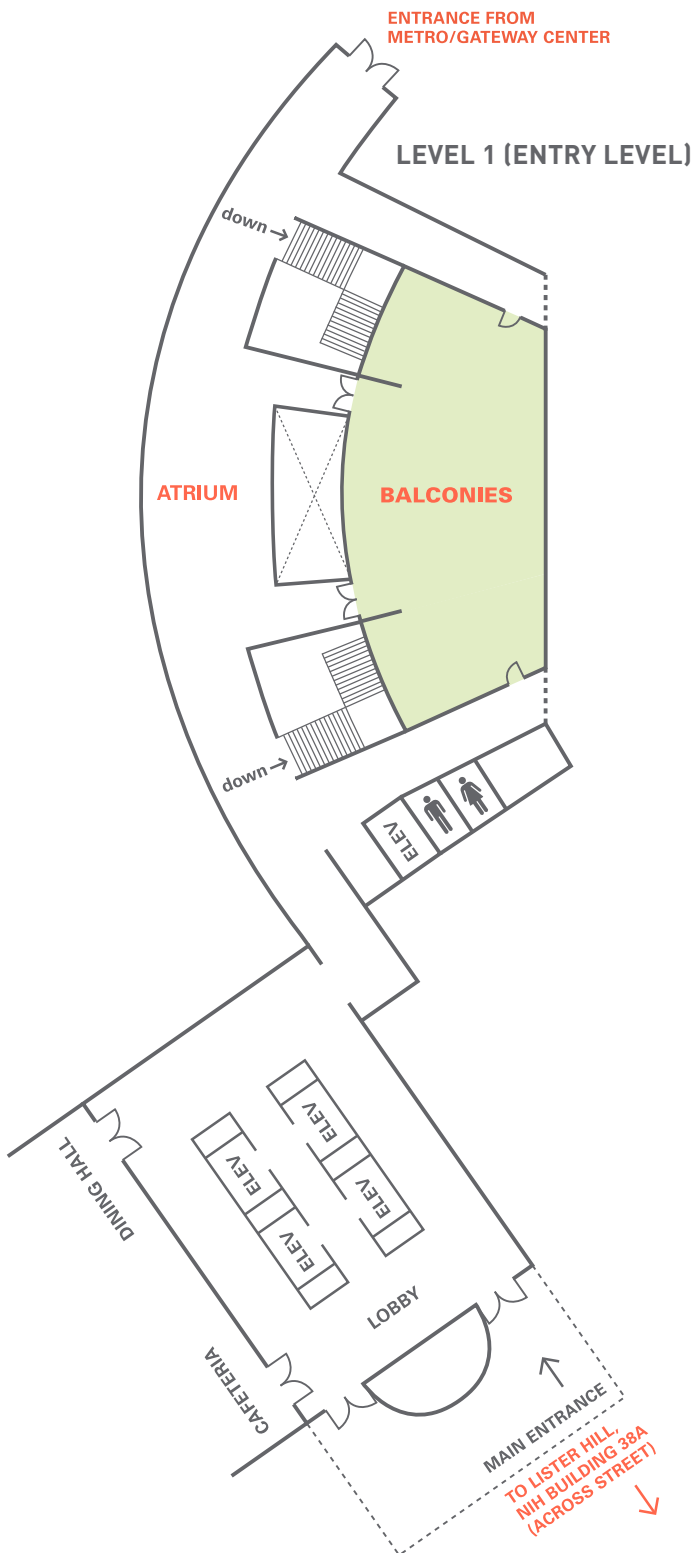
# NIH CAREER SYMPOSIUM

MAY 6, 2016

NIH NATCHER CONFERENCE CENTER, BETHESDA, MARYLAND

# CAREER SYMPOSIUM

# NATCHER CONFERENCE CENTER



## Lunch

The Natcher Conference Center cafeteria is located on Level One. The Lister Hill Cafeteria is located on Level B-1 located down the stairs in the center of lobby and to the left.

## Lister Hill Auditorium (NIH Building 38A)

Lister Hill Auditorium is located on the first level of the Lister Hill Center / NIH Building 38A. From Natcher, cross Center Drive and take the entrance road to Lister Hill Center, located behind the National Library of Medicine (Building 38).

## NIH CAREER SYMPOSIUM • MAY 6, 2016 • AGENDA AT A GLANCE

SESSION	TIME	SESSION TITLE & LOCATION				
		RUTH L. KIRSCHSTEIN AUDITORIUM	BALCONIES	ROOM E1/E2	ROOM F1/F2	LISTER HILL
<b>Registration</b>	7:30 am–8:15 am	LOWER LEVEL LOBBY				
<b>Welcome (Auditorium)</b>	8:15 am–8:45 am	Lori M. Conlan, PhD, <i>Director, Office of Postdoctoral Services, Office of Intramural Training &amp; Education</i> Sharon L. Milgram, PhD, <i>Director, Office of Intramural Training &amp; Education</i> Welcome and "Thoughts on Being Happy in Work and Life"				
<b>SESSION 1</b>	9:00 am–10:00 am	Research-Intensive Faculty Careers	Careers in Science Administration	Technology Transfer and Patent Careers	Career Options for Clinicians	
<b>Break</b>	10:00 am–10:15 am					
<b>SESSION 2</b>	10:15 am–11:15 am	Industry: Careers in Small/Medium-Sized Companies	Applying for an Academic Position	Careers in the Federal Government		Industry: Careers in Regulatory Affairs
<b>Break</b>	11:15 am–11:30 am					
<b>SESSION 3</b>	11:30 am–12:30 pm	Careers in Science Policy	Success as a Faculty Member	Science Education and Outreach Careers		Industry: Careers in Sales and Marketing
<b>Lunch</b>	12:30 pm–1:30 pm <i>lunch on your own</i>					
<b>SESSION 4</b>	1:30 pm–2:30 pm	Industry: Careers in Large-Sized Companies	Careers in Science Communication	Industry: Careers in Consulting		Teaching Intensive Faculty Careers
<b>Break</b>	2:30 pm–2:45 pm					
<b>SESSION 5: SKILL BLITZES 2:45–4:15 PM</b>	<b>TIME</b>	<b>AUDITORIUM</b>	<b>BALCONIES</b>	<b>ROOM E1/E2</b>	<b>ROOM F1/F2</b>	<b>ROOM C1/C2</b>
	2:45 pm–3:05 pm	Demystifying USAjobs.gov	Interviewing Skills	Understanding the US Academic System (faculty careers)	Tuning In and Taking Care	NIH Stadtman Faculty Searches
	3:10 pm–3:30 pm	Networking for Career Success	International Job Hunts	Top 10 Myths of Industry Careers	Finding a Postdoc	
	3:35 pm–4:15 pm	Find a Career for You	Resumes and Cover Letters			
<b>Optional</b>	5:00–8:00 pm: <i>Social Networking at Tommy Joe's, 7940 Norfolk Ave, Bethesda</i>					

## PANEL DESCRIPTIONS

### INDUSTRY PANEL

#### INDUSTRY: CAREERS IN LARGE-SIZED COMPANIES

**Session 4 • 1:30pm–2:30pm • Main Auditorium**

**Rose Brannon, PhD**

*Investigator, Novartis Institutes for Biomedical Research*

**Eric Dixon, PhD**

*Senior Research and Development Manager,*

*BD Technologies – Genomic Sciences*

**Wenny Lin, PhD, MPH**

*Senior Real World Data Scientist, Genentech*

**Patrick McTammy, PhD**

*Scientist I, MedImmune*

Do you wonder how to transition and thrive in the fast-paced environment of industry? Come hear from this group of panelists who are currently working at large pharmaceutical companies as they provide an insider's view on what the pharma culture is like and what opportunities are available for PhD-level candidates. The panelists will discuss effective networking strategies, what hiring managers are looking for in a future employee, as well as how to develop a stand-out resume and interview successfully.

#### INDUSTRY: CAREERS IN SMALL/MEDIUM-SIZED COMPANIES

**Session 2 • 10:15am–11:15am • Main Auditorium**

**Anastasia Aksyuk, PhD**

*Scientist, Meso Scale Diagnostics*

**M. Sol Collado, PhD**

*Program Leader, Rare Diseases, Hemoshear Therapeutics*

**Matthew Mulvey, PhD**

*Chief Executive Officer, BeneVir Biopharm, Inc.*

**Chandler Robinson, MD, MBA, MSc**

*Chief Executive Officer, Monopar Therapeutics, Tactic*

*Pharmaceuticals*

This panel includes scientists from diverse backgrounds representing founders and team members of small to medium-sized companies. The panelists will provide their personal stories and lessons on turning a niche idea into a scientific business as well as how and why you should join a small/medium-sized company.

#### INDUSTRY: CAREERS SALES AND MARKETING

**Session 3 • 11:30am–12:30pm • Lister Hill**

**Rima Adler, PhD**

*Technical Sales Consultant, Miltenyi Biotec Inc.*

**Michelle Beaucher, PhD**

*Technical Sales Associate, Thermo Fisher Scientific*

**Richard Kim, PhD**

*Vice President of Sales - Americas, TTP Labtech Inc.*

**Louis Lichten, PhD**

*Senior Manager, Sales and Scientific Support, Canon*

*BioMedical, Inc.*

**Christopher McNabb, PhD**

*Medical Science Liaison, Bayer HealthCare Pharmaceuticals*

**Senthil Saravanamuthu, PhD**

*Director of Business Development and Sales, Bio Basic Inc.*

Scientific industries generate products and tools that must be marketed to potential customers. Who better to promote novel science applications than an enthusiastic scientist? This panel of speakers will highlight career opportunities for PhDs in product support, sales, marketing, and healthcare consulting. Learn how these scientists utilize skills acquired from their scientific training to succeed in the business side of industry.

#### INDUSTRY: CAREERS IN CONSULTING

**Session 4 • 1:30pm–2:30pm • E1/E2**

**Tamara Baynham, PhD**

*Principal Consultant (Independent), Ingenuity Medical Device Research, LCC*

**Jessica Curtis, PhD**

*Scientific Executive, Spectrum - GLOBAL HealthPR*

**Michael Ferenczy, PhD**

*Associate, McKinsey and Company*

**Michael Patterson, PhD, MPH**

*Senior Consultant/Lead Scientist, Booz Allen Hamilton*

A career in consulting provides PhD-level scientists the opportunity to solve interesting and complex problems for a multitude of clients in the private, academic, and government sectors. Consultants can work in both multidisciplinary and highly specialized teams in many different environments, from large, global firms, to small, local start-ups. The speakers in this panel will share their experiences about transitioning to a consulting career and discuss the skills necessary to succeed in this field.

## PANEL DESCRIPTIONS

### INDUSTRY: CAREERS IN REGULATORY AFFAIRS

**Session 2 • 10:15am–11:15am • Lister Hill**

**Stacey Cromer Berman, PhD**

*Regulatory Project Manager, MedImmune/AstraZeneca*

**Srinagesh Koushik, PhD**

*Managing Partner, BDRA Consulting LLC*

**Julien Senac, PhD**

*Certification Project Manager, LNE GMED North America*

Getting a product from the bench to the marketplace requires scientists to oversee and assess the bench-to-market transition to ensure it complies with federal and safety regulations. The regulatory science field requires expertise from different disciplines such as life sciences, physics, chemistry, engineering, and more. The panelists in this session have found careers helping move science through the regulatory process. They will discuss how they made the transition to these careers and the qualities needed to thrive in these positions.

## NON-BENCH CAREERS

### CAREERS IN SCIENCE COMMUNICATIONS

**Session 4 • 1:30pm–2:30pm • Balconies**

**Greg Buchold, PhD**

*Freelance Science Editor/Writer, Freelancer*

**David Crotty, PhD**

*Editorial Director, Journals Policy, Oxford University Press*

**Jessica Deckman, PhD**

*Senior Medical Writer, InScience Communications/*

*Springer Healthcare*

**Sean Sanders, PhD**

*Editor, Custom Publishing, Science/AAAS*

**Jennifer Sargent, PhD**

*Senior Editor, The Lancet*

Careers in science communication can span a diverse range of paths and opportunities. Professionals in this field have communication expertise and diverse scientific knowledge. Science writers develop, write, and edit materials to disseminate cutting-edge research findings to affect policy, science regulation, science advocacy, and technical documents. These panelists will discuss career opportunities in this exciting field, relay their experiences working as a science communicator and highlight the skills necessary to become a successful science writer.

### CAREERS IN THE FEDERAL GOVERNMENT

**Session 2 • 10:15am–11:15am • E1/E2**

**Carrie Jolly, PhD**

*Consumer Safety Officer (Investigator), U.S. Food and Drug Administration/New York District Office*

**Sara Lioi, PhD**

*Technical Coordinator/Biomedical Scientist, Leidos/CDMRP*

**Jaron Lockett, PhD**

*Scientific Program Analyst, NIA, NIH*

**Dharmendar Rathore, PhD**

*Senior Scientific Review Officer, NIAID, NIH*

**Goli Samimi, PhD, MPH**

*Program Director, NCI/DCP, NIH*

Are you interested in working for the government, but you are not sure what options exist? This session will bring together panelists from various government agencies. The government has many career options, from consumer safety to research administration. Come hear how these panelists navigated from the bench to a career in the government.

### CAREERS IN SCIENCE ADMINISTRATION

**Session 1 • 9:00am–10:00am • Balconies**

**Ravikiran Bhairavabhotla, PhD**

*HIV/AIDS Specialist, UNICEF*

**Katia Garcia-Crespo, PhD**

*Scientific Review Manager, CSRA*

**Leigh Jackson, PhD**

*Program Officer, The National Academies of Sciences, Engineering, and Medicine*

**Mark David Lim, PhD**

*Program Officer, Bill and Melinda Gates Foundation*

**Ben Porter, PhD**

*Academic Program Officer, The University of Texas at Dallas*

**Jennifer Reineke Pohlhaus, PhD**

*Vice President, Ripple Effect Communications, Inc.*

Science administrators manage university, non-profit and government projects by overseeing operations, programs, awards, funding, and more. If you have been interested in ensuring the quality of the science remains aligned with community needs, come hear how these panelists stay engaged in the latest scientific research and the variety of ways in which they shape the scientific enterprise.

**SPEAKER BIOGRAPHIES, SKILL BLITZ SLIDES AND ADDITIONAL CAREER SYMPOSIUM RESOURCES:**

<http://go.usa.gov/k5gR>

## PANEL DESCRIPTIONS

### CAREERS IN SCIENCE POLICY

**Session 3 • 11:30am–12:30pm • Main Auditorium**

**Elizabeth Barksdale, PhD**

*Science Policy Analyst, FASEB*

**David Bernstein, PhD**

*Director of Program Management and Strategic Initiatives,  
Stand Up To Cancer*

**Rebecca Cerio, PhD**

*Health Science Policy Analyst, NIDDK, NIH*

**Erica Goldman, PhD**

*Director of Policy Engagement, COMPASS*

**Chad Jackson, PhD**

*Emerging Technologies and Innovation Officer,  
U.S. Department of State*

Science and policy are intricately woven together since both influence and dictate each other, but how is this done successfully? 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. Panelists from government, private sector, and non-government organizations will discuss how to prepare for a transition into science policy and advocacy. Come to find out where the jobs are, what it takes to succeed, and why a career in science policy or advocacy may be right for you.

### TECHNOLOGY TRANSFER AND PATENT CAREERS

**Session 1 • 9:00am–10:00am • E1/E2**

**Nigam Acharya**

*Shareholder, Baker Donelson*

**Sue Ano, PhD**

*Director, Technology Transfer Office, NINDS, NIH*

**Alicia Evangelista, PhD**

*Innovation Services Manager, yet2*

**Jeremiah Mitzelfelt, PhD**

*Technology Analyst - Life Sciences, University of Maryland,  
College Park*

**Julie Wu, PhD**

*Patent Examiner, United States Patent and Trade Office  
(USPTO)*

Are you interested in the interplay between cutting edge research and how to materialize its market potential? Technology transfer bridges scientific discovery with commercialization and plays a crucial role in the evolution of pharmaceutical and biomedical industries. This session provides insight into the wide variety of career options available within the technology transfer and patent law fields. Panelists will offer advice on making the transition and highlight specific opportunities for those interested in pursuing a career in technology transfer and patent law.

## ACADEMIC PANEL

### RESEARCH-INTENSIVE FACULTY CAREERS

**Session 1 • 9:00am–10:00am • Main Auditorium**

**Sara Cooper, PhD**

*Faculty Investigator, HudsonAlpha Institute for Biotechnology*

**Neil Hanchard, MD/PhD**

*Assistant Professor, Baylor College of Medicine*

**Monik Jimenez, ScD, SM**

*Instructor, Brigham and Women's Hospital,  
Harvard Medical School*

**Antonio Nunez, PhD**

*Professor and Associate Dean, Michigan State University*

Would you like to know more about the opportunities and challenges in a research-focused academic career? The panelists in this session represent a wide variety of research positions in non-profit and academic institutions. They will discuss issues related to balancing research and other academic activities, applying for grants, and being a successful independent investigator.

### SUCCESS AS A FACULTY MEMBER

**Session 3 • 11:30am–12:30pm • Balconies**

**Nancy Adleman, PhD**

*Assistant Professor, The Catholic University of America*

**Stacey Gilk, PhD**

*Assistant Professor, Indiana University*

**Tonya Webb, PhD**

*Assistant Professor, University of Maryland, Baltimore*

**M. Raza Zaidi, PhD**

*Assistant Professor, Temple University School of Medicine*

The transition from a trainee to an independent researcher can be uncertain and challenging. Despite years of training, PhDs can experience anxiety while starting their own lab from scratch. Where do you start? How do you spend your time? How do different types of institutions shape your road to success? Panelists will address these questions and discuss the trials and tribulations of building a successful academic career based on their experiences as new and tenured faculty at teaching, research, and medical institutions. Topics will include how to establish a lab, navigating collaborations, managing trainees, professional development, and work-life balance.

## PANEL DESCRIPTIONS

### SCIENCE EDUCATION AND OUTREACH CAREERS

Session 3 • 11:30am–12:30pm • E1/E2

**Frederic Bertley, PhD**

*Senior Vice President of Science and Education,  
The Franklin Institute*

**Yaihara Fortis Santiago, PhD**

*Director, Science Alliance, New York Academy of Sciences*

**Joe Hanson, PhD**

*Host/Creator of It's Okay To Be Smart, PBS Digital Studios*

**Miriam Krause, PhD**

*Director of Education and Outreach, Center for  
Sustainable Nanotechnology, University of Minnesota*

**Dave Vannier, PhD**

*Science Communication and Digital Media Branch Chief,  
NIDCR, NIH*

Science education involves more than lecturing and often happens outside the classroom. Think science museums, YouTube channels, outreach programs, and science careers. Informal science education means bringing science and literacy to populations not directly involved in the scientific process and helping scientists understand career options. If you are interested in sharing your excitement about science, join the panelists, who approach science education in diverse ways, for a discussion of opportunities.

### TEACHING-INTENSIVE FACULTY CAREERS

Session 4 • 1:30pm–2:30pm • Lister Hill

**John Delaney, PhD**

*Teacher, Northwestern High School*

**Margaret Emblom-Callahan, PhD**

*Lead Assistant Division Dean, NOVA Alexandria*

**Kimberly Jacob, PhD**

*HHMI Laboratory Manager, Franklin & Marshall College*

**Catherine Norris, PhD**

*Assistant Professor, Swarthmore College*

**Felix Rivera-Mariani, PhD**

*Lecturer, Miami Dade College*

If teaching is an important part of your career then this panel will help you get clarity regarding this career path. You will meet with panelists from a wide range and level of institutions to learn about the challenges and advantages of choosing a teaching path. The panelists will discuss the dynamics in these institutions and will give advice regarding the job application process and the qualities sought after in competitive applicants.

### APPLYING FOR AN ACADEMIC POSITION

Session 2 • 10:15am–11:15am • Balconies

**Robert Johnston, PhD**

*Assistant Professor, Johns Hopkins University*

**Kaliris Salas-Ramirez, PhD**

*Assistant Medical Professor, CUNY School of Medicine*

**Golnaz Vahedi, PhD**

*Assistant Professor, Perelman School of Medicine,  
University of Pennsylvania*

**John Weldon, PhD**

*Assistant Professor, Department of Biological Sciences,  
Towson University*

For individuals just beginning to seek a job in academia, the process can be fraught with uncertainty. Panelists will discuss issues such as where can these jobs be found, what skills are necessary to successfully land an academic position, and what should a prospective applicant be doing now to prepare for independence in the near future. Come hear their stories about the transition into independent academic positions and learn from their experiences in the current academic job market.

## CLINICAL PANEL

### CAREER OPTIONS FOR CLINICIANS

Session 1 • 9:00am–10:00am • F1/F2

**Darrell Abernethy, MD/PhD**

*Associate Director for Drug Safety, Food and  
Drug Administration*

**Catherine Bollard, MD**

*Professor of Pediatrics and Microbiology,  
Immunology and Tropical Medicine, Children's National/  
The George Washington University*

**Rosandra Kaplan, MD**

*Tenure Track Investigator, NCI, NIH*

**John Wagner, MD/PhD**

*Senior Vice President, Head of Translational Sciences and  
Early Clinical, Takeda Pharmaceutical International Co.*

Physicians play important roles in advancing science and improving public health not only by practicing medicine and conducting translational research but also by performing other jobs away from the bedside or bench. 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.

**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 mount a successful job search. These will be a fast-paced, fun-filled way to end the day. The first two sessions will be strictly limited to twenty minutes with a five minute break between sessions. Speakers, who are our very own OITE staff and scientific leadership of the NIH, will give you the highlights of the topics, with ideas on how to follow up with additional resources. You will be able to choose three sessions from the following offerings:

TIME	AUDITORIUM	BALCONIES	ROOM E1/E2	ROOM F1/F2	ROOM C1/C2
2:45 pm– 3:05 pm  <i>20 min in length</i>	<p><b>Demystifying USAjobs.gov</b></p> <p>Tips for navigating and applying for US federal government careers</p>	<p><b>Interviewing Skills</b></p> <p>This session will help you to navigate the interview process.</p>	<p><b>Understanding the US Academic System (faculty careers)</b></p> <p>Academic institutions come in a variety of sizes and flavors. This session will reveal the full spectrum of academic institutions according to their research and salary support, teaching and research expectations, tenure requirements, and student body.</p>	<p><b>Tuning In and Taking Care</b></p> <p>Combining research, job-searches, and life do not always seem to be easy for scientists. Come learn strategies to enhance your well-being.</p>	<p><b>NIH Stadtman Faculty Searches</b></p> <p>This session describes the <a href="#">NIH Earl Stadtman Tenure-Track Investigator search</a>, which seeks to identify creative and independent thinkers eager to take on high-risk, high-impact research in the field as faculty members in the NIH intramural research program.</p>
3:10 pm– 4:30 pm  <i>20 min in length</i>	<p><b>Networking for Career Success</b></p> <p>You have met some terrific people today (or missed their session as you went to another). 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><b>International Job Hunts</b></p> <p>Searching for a job in a foreign country requires an additional set of job searching skills. This session will cover tips on how to make connections, understand job packet requirements and more. We will cover topics for visiting fellows wanting to stay in the US as well as for others looking for jobs outside of the US (i.e. returning to your home country or another country).</p>	<p><b>Top 10 Myths of Industry Careers</b></p> <p>This session will debunk common questions associated with industry such as, “Can you return to academics”, “Do you have intellectual freedom”, “Can you do good science?”, and “Can you maintain some control over your project’s trajectory”.</p>	<p><b>Finding a Postdoc</b></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>	



**SESSION 5: SUPER BLITZ**

SUPER BLITZ	AUDITORIUM
	<b>Find a Career for You</b> Your dream job does exist. If you are still pondering what is next, come to this session to map out a plan to determine how your skills, interests and values can lead you to your perfect job
3:35 pm– 4:15 pm	
40 min in length	
	BALCONIES
	<b>Resumes and Cover Letters</b> 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.

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## SYMPOSIUM ORGANIZERS



### SYMPOSIUM PLANNING COMMITTEE

Lori Conlan, PhD (OD), *Chair*  
Sally Adebamowo, MD, ScD, NHGRI  
Melinda Chu, MD, NCI  
Ciaran Finn, PhD, NIAID  
Senta Kapnick, PhD, NHGRI  
AmyKullas, PhD, NIGMS  
Chang Liu, PhD, NHLBI  
Daniel Melters, PhD, NCI  
Virginia Meyer, PhD, OD  
Pragnesh Mistry, PhD, NIAMS  
Catherine Nezich, PhD, NINDS  
Cihan Oguz, PhD, NHGRI  
Debasis Panda, PhD, NIAID  
Sarah Pugh, PhD, MPH, NICHD  
Leah Randles, PhD, NCI  
Julia Shaw, PhD, NCI  
Ashley Smith, PhD, NIMH  
Lihui Wang, PhD, NIDDK  
Mary Weston, NINDS  
Stephen Xue, CC  
Ariel Zane, PhD, NIA

### 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.

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## NOTES

*build your career, shape the future*



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