

8th ANNUAL



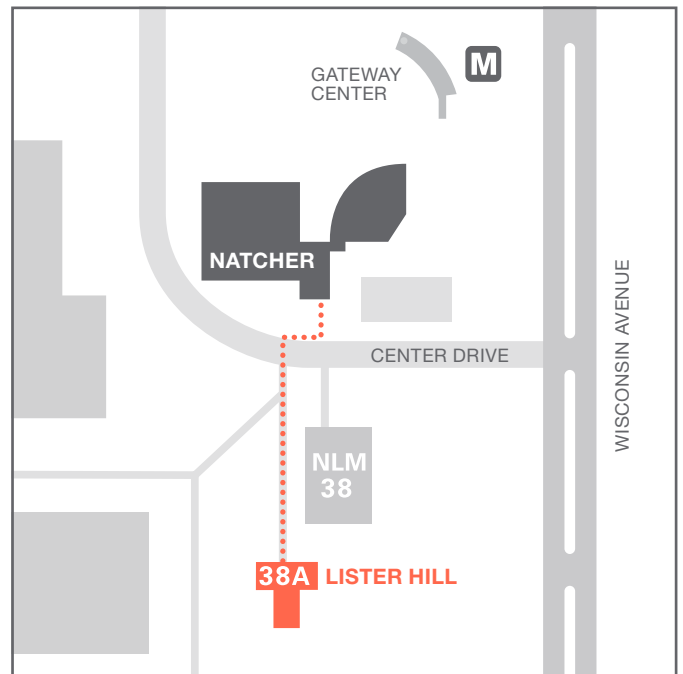
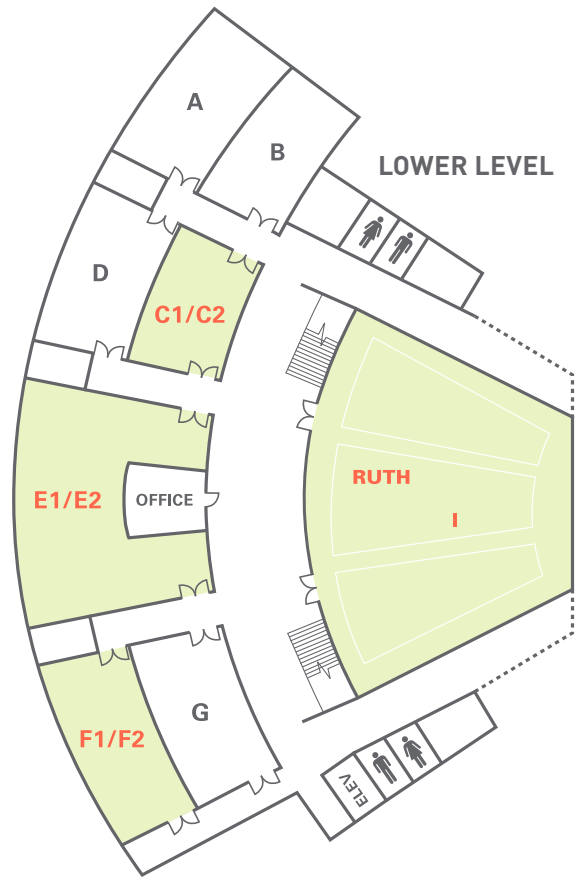
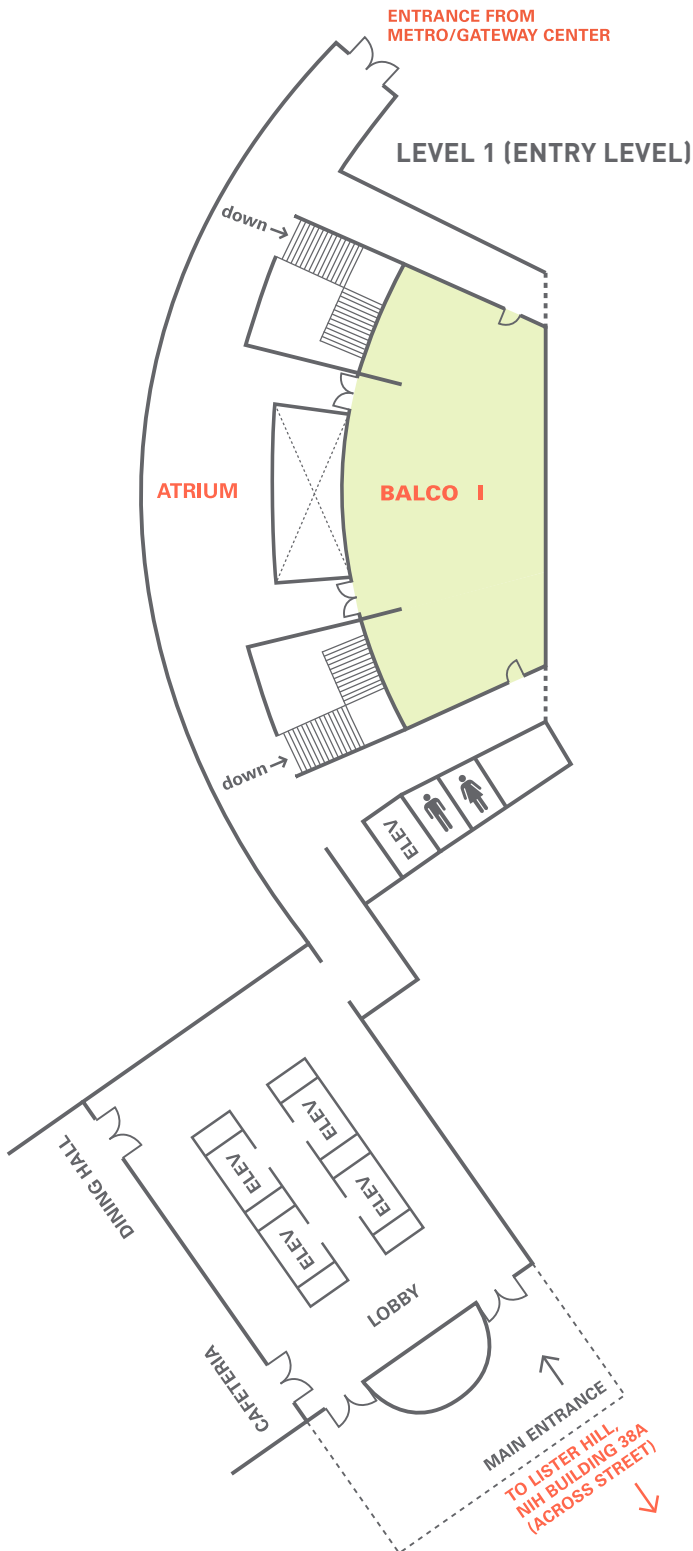
NIH CAREER SYMPOSIUM

MAY 15, 2015

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 15, 2015 • AGENDA AT A GLANCE

SESSION	TIME	SESSION TITLE & LOCATION					
		RUTH L. KIRSCHSTEIN AUDITORIUM	BALCONIES	ROOM E1/E2	ROOM F1/F2	LISTER HILL	
Registration	7:30 am–8:30 am	LOWER LEVEL LOBBY					
Welcome (Auditorium)	8:30 am	Lori M. Conlan, PhD, <i>Director, Office of Postdoctoral Services, Office of Intramural Training & Education</i> Sharon L. Milgram, PhD, <i>Director, Office of Intramural Training & Education</i> Welcome and "Top Tips for Using the Career Symposium for Career Success"					
SESSION 1	9:00 am–10:00 am	Careers in Industry R&D	Academic Careers in Unexpected Places	Careers in Science Policy	Career Options for Clinicians	Leveraging your Science Through Business: Consulting Careers	
Break	10:00 am–10:15 am						
SESSION 2	10:15 am–11:15 am	Finding an Academic Position	How to Successfully Transition to Industry	Careers in Science Administration	International Opportunities – Europe	Careers in Clinical Research and Medical Affairs	
Break	11:15 am–11:30 am						
SESSION 3	11:30 am–12:30 pm	How to Start Up an Academic Research Group	Teaching-Intensive Careers in Academics	Careers in Science Communications		Industry Careers in Business Development and Marketing	
Lunch	12:30 pm–1:30 pm <i>lunch on your own</i>						
SESSION 4	1:30 pm–2:30 pm	Bench Careers in Unexpected Places	Science Education and Outreach Careers	Industry Operations, Quality Control and Regulatory Affairs Jobs		Technology Transfer and Patent Careers	
Break	2:30 pm–2:45 pm						
SESSION 5: SKILL BLITZES 2:45 4:15 PM		TIME	AUDITORIUM	BALCONIES	ROOM E1/E2	ROOM F1/F2	ROOM C1/C2
		2:45 pm–3:05 pm	Demystifying USAjobs.gov	Interviewing	Top Ten Tips for Grant Writing	Stress Management for Scientists	Resumes and Cover Letters
		3:10 pm–3:30 pm	Using LinkedIn for Career Success		Finding Ways to Enhance Your Resume	Finding a Postdoc	Resumes and Cover Letters
		3:35 pm–4:15 pm	Follow the Science: Learnings from a Career Journey	Publishing for Impact	Find the Career for You		

PANEL DESCRIPTIONS

NEW THIS YEAR!

INTERNATIONAL OPPORTUNITIES IN SCIENCE – EUROPE

Session 2 • 10:15am–11:15am • Room F1/F2

Nuria Gavara

Lecturer (Assistant Professor) in Biomedical Engineering and Biomaterials, School of Engineering and Materials Science, Queen Mary, University of London

Thomas R. Geiger, PhD

Project Manager Biological Material European Thoracic Oncology Platform

Christina Schindler, PhD

Scientist I, Antibody Discovery & Protein Engineering, MedImmune Ltd.

These will be virtual live panels with speakers from around the world. Past NIH fellows who have moved on to careers abroad will join us to talk about their career paths and how they managed a job search while in the US. Speakers will be from many sectors and career paths.

INDUSTRY PANELS

CAREERS IN INDUSTRY R&D

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

Benjamin Boyerinas, PhD

Scientist II, BlueBird Bio

Lesley Matthews Griner, PhD

Investigator-Oncology, Novartis

Gene-Errol Ringpis, PhD

Research & Development Scientist, Calimmune, Inc.

Rachel Schowalter, PhD

Scientist I, Illumina

Do you know what it takes to thrive in an industry R&D position? Balancing bench research with managerial duties is not uncommon for industry researchers entering at the postdoctoral level. Meet industry scientists from large, mid-size, and small companies working in a variety of research areas. Learn about how and why these panelists chose a career in industry, as well as tips for success and their future prospects.

CAREERS IN CLINICAL RESEARCH AND MEDICAL AFFAIRS

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

Adalynn Harris, PhD

Medical Science Liaison, Ipsen Biopharmaceuticals

David Mire, PhD

Director, Medical Science,

Strategic Development, Smith & Nephew

Dale Schwab, PhD

Senior Scientific Director, Infectious Disease,

Quest Diagnostics

Konstantina M. Vanevski, MD

Director, Experimental Medicine, Bayer HealthCare

Do you think clinical science is no place for a PhD without an MD? Think again! Find out how PhDs can forge a successful career in clinical trials research, clinical diagnostics, or as a medical science liaison. The panelists in this session represent a variety of industry positions that are closely involved with clinical research both at and away from the bench. If you have clinical expertise and a passion for healthcare, come learn about these exciting career opportunities.

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

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

PANEL DESCRIPTIONS

HOW TO SUCCESSFULLY TRANSITION TO INDUSTRY

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

Johanna Abend, PhD

Investigator III, Novartis Institutes for Biomedical Research

Robert Arch, PhD

Director, Takeda Pharmaceuticals

Nicola Pannacciulli, MD/PhD

Clinical Research Medical Director, Amgen

An excellent panel of junior and senior industry scientists will highlight what factors industry considers during the search for top Ph.D.-level candidates. This panel will provide an insider's view on how to translate academic experience into industry terms. Find out what HR officials and hiring managers look for in a future employee, effective networking strategies, and how to develop a stand-out resume and interview successfully, as well as how to exceed expectations as a new hire.

INDUSTRY CAREERS IN BUSINESS DEVELOPMENT AND MARKETING

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

Richard H. Kim, PhD

Sales Manager, TTP Labtech Inc.

Megha Rajaram, PhD

Technical Sales Representative, Life Sciences, Thermo Fisher Scientific

Kimberly Shafer-Weaver, PhD

Program Director, Immunology, Oncology and Metabolic Disease, Health Analytics, LLC

Leyna Zhao, PhD

Global Marketing Manager, ACEA Biosciences, Inc.

Scientific industries generate products and processes that must be marketed to potential customers. Who better to promote novel science applications than an enthusiastic scientist? Come hear about career opportunities for PhDs in business development, product support, sales, and marketing. Learn how these scientists utilize skills acquired from scientific training to succeed in the business side of industry.

INDUSTRY OPERATIONS, QUALITY CONTROL, AND REGULATORY AFFAIRS JOBS

Session 4 • 1:30pm–2:30pm • Room E1/E2

Marie C. Fortin, PhD

Project Leader-Toxicology, Revlon Research Center

Alison E. Hogg, PhD

Senior Manager, In Vivo Testing, Emergent BioSolutions

Timothy Moeller, MS

Scientific Advisor, Bioreclamation/VT

Olga Pavlova, PhD

Regulatory and Scientific Analyst, Amarex Clinical Research

Amy Wang, PhD

Toxicologist, Toxicology & Health Sciences, Syngenta Crop Protection, LLC

Getting products from the bench to the marketplace requires not only bench researchers developing and generating these products, but also scientists who oversee and analyze the bench-to-market transition to ensure it is safe, efficient, and legitimate. The panelists in this session have found careers monitoring different facets of scientific operations. They will discuss how they made the transition to industry and the qualities needed to succeed in these critical non-bench careers.

BENCH CAREERS IN UNEXPECTED PLACES

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

Aurelio Bonavia, PhD

Director, Translation Development, Aeras

Patricia Dranchak, PhD

Research Scientist, NCATS/NIH

Cameron H. Good, PhD

Bioengineering Scientist (Altus Engineering)

US Army Research Laboratory

Betsy Jean Yakes, PhD

Research Chemist, FDA

Yanbao Yu, PhD

Staff Scientist, J. Craig Venter Institute

Bench careers outside of academia and industry are often overlooked by early-career scientists. In this panel, researchers working for nonprofit, private, and military organizations will share their experience working in basic and translational sciences. Panelists will highlight how to modify your job search to include careers outside typical institutions and provide advice on how to best prepare for and transition into these less-traditional research positions.

PANEL DESCRIPTIONS

ACADEMIC CAREERS IN UNEXPECTED PLACES

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

Suman R. Das, PhD

*Associate Professor, Infectious Disease Group,
J. Craig Venter Institute*

Audray K. Harris, PhD

Investigator, NIAID/NIH

Luke D. Lavis, PhD

Group Leader, Janelia Research Campus, HHMI

Claudia M. Palena, PhD

Investigator, NCI/NIH

In today's academic job market, it helps to be aware of all the options available to those seeking an independent position. Universities are not the only places that hire principal investigators, so academic positions can be found in unexpected places, such as government and private research institutions. This panel will discuss alternative venues for academic jobs and what these institutions look for in a competitive applicant, as well as how careers at these institutions may differ from traditional academic careers.

FINDING AN ACADEMIC POSITION

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

Samuel Bunting, PhD

*Assistant Professor, Rutgers, The State University
of New Jersey*

Gul Dolen, MD/PhD

Assistant Professor, Johns Hopkins University

Kevin S. Jones, PhD

Assistant Professor, Howard University

Erin T. Strovel, PhD

*Assistant Professor, University of Maryland School
of Medicine*

For individuals just beginning to seek a job in academia, the process can be fraught with uncertainty. Where can these jobs be found? What skills are necessary to successfully land an academic position? What should a postdoc be doing now to prepare for independence in the near future? How can professional networks help a job-seeker in academia? Come hear the panelists in this session discuss their transition into independent academic positions and learn from their experiences in the current academic job market.

HOW TO START UP AN ACADEMIC RESEARCH GROUP

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

Michael J. Gambello, MD/PhD

*Section Chief, Division of Medical Genetics, Emory University
School of Medicine*

Nady Golestaneh, PhD

Assistant Professor, Georgetown University Medical Center

Alika Maunakea, PhD

Assistant Professor, University of Hawaii at Manoa

Silvia Moreno, PhD

Professor, University of Georgia

After the excitement of securing a first job in academia, new principal investigators are often brought into a staggering reality. They may realize that starting a lab is a task they have not been fully prepared or trained to undertake. This panel is here to address that problem and to offer experienced advice on the issues required to set up a lab for the first time. They will cover issues such as how to be a good hiring manager, balancing teaching responsibilities with research, applying for grants, and dealing with the myriad unexpected issues that befall new investigators.

TEACHING-INTENSIVE CAREERS IN ACADEMICS

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

A. Malcolm Campbell, PhD

*Professor of Biology & Director of Genomics Program,
Davidson College*

Natalie Kuldell, PhD

*Instructor, President & Founder, MIT BioBuilder
Educational Foundation*

Nina Peel, PhD

Assistant Professor, The College of New Jersey

Aubrey A. Smith, PhD

*Assistant Professor, Department of Biology,
Montgomery College*

Jeremy Alden Teissere, PhD

Stanley Road Professor of Neuroscience, Muhlenberg College

Do you prefer teaching to research or find excitement in the prospect of educating the next generation of scientists and physicians? This panel will showcase career options for enthusiastic science educators in academia, at various types of undergraduate institutions, including primarily undergraduate institutions and also at major research centers. The panelists will share their experiences in finding academic teaching positions and discuss what institutions are looking for in an outstanding educator.

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

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

PANEL DESCRIPTIONS

NON-BENCH PANELS

CAREERS IN SCIENCE POLICY

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

James Randiak Alaro, PhD

Global Health Research & Policy Analyst, Fogarty International Center, NIH

Diane DiEuliis, PhD

Deputy Director, Office of Policy and Planning, ASPR/HHS

Seth Jonas, PhD

Senior Research Staff, Science and Technology Policy Institute, IDA

Marina Kozak PhD

Science Policy Analyst, Friends of Cancer Research

Chris Pickett, PhD

Policy Analyst, American Society for Biochemistry & Molecular Biology

Whether working at the grass-roots level or on Capitol Hill, scientists in policy careers use 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. Find out where the jobs are, what it takes to succeed, and why a career in science policy or outreach may be right for you.

LEVERAGING YOUR SCIENCE THROUGH BUSINESS: CONSULTING CAREERS

Session 1 • 9:00am–10:00am • Lister Hill

Jason Chong, PhD

Associate, Booz Allen Hamilton

Kaumudi Joshi, PhD

Consultant, The Boston Consulting Group

Puneet Khan, MPH, MBA

Senior Analyst, Obsidian Analysis Inc.

Youhong Wang, MD/PhD

Managing Consultant, The Center for Advancing Innovation

Consulting provides a multitude of clients from the government, industry, and academia with experienced problem solvers to come up with creative solutions to manage diverse challenges in their businesses and operations. Choosing a career in consulting allows PhD-level scientists to lend their expertise and well-developed problem-solving skills to solving complex cases brought to them by clients. Consultants work in many different environments, from large, worldwide consulting firms to their own start-up enterprises. The speakers in this panel will share their experiences in consulting careers and identify the skills and training necessary to succeed in this field.

CAREERS IN SCIENCE ADMINISTRATION

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

Patricia Forcinito, PhD

Science Analyst, Office of Portfolio Analysis, OD/NIH

Stacie Grossman Bloom, PhD

Senior Executive Director for Administration & Policy, New York University Langone Medical Center

Brett Ryan Jones, PhD

Pharmacology/Toxicology Reviewer, FDA/CDER

Andrew Smith, PhD

Scientific Grants Manager, Susan G. Komen Foundation

Science administration involves the funding, oversight, and management of scientific projects, programs, awards, grants, and contracts. Opportunities in science administration are typically found at organizations that fund research, including government agencies, nonprofit advocacy groups, and academic institutions. Through program development and oversight, coordination of scientific review groups, and grants management, science administrators help ensure that quality science remains aligned with the needs of the community. Come to hear how these panelists stay engaged in the latest scientific research and the variety of ways in which they shape scientific funding.

CAREERS IN SCIENCE COMMUNICATIONS

Session 3 • 11:30am–12:30pm • Room E1/E2

Barbara Cheifet, PhD

Assistant Editor, Genome Biology

Amy Rawls, PhD

Human Resource Director, Research Square

Anne Rowzee, PhD

Lead Writer Editor, Office of Communications, CDER/FDA

Darshini Trivedi, PhD

Medical Writer, MedImmune

Careers in science communication can span a diverse range of paths and opportunities, such as working for major scientific journals, writing in newspapers, or using social media for public outreach. Professionals in this field have communication expertise, awareness of ethical standards, and diverse science knowledge. Science writers develop, write, and edit materials to disseminate the findings of cutting-edge research to affect policy, science regulation, and science advocacy. These panelists will discuss the skills necessary to become a successful science communicator and will highlight their experiences working in this diverse field.

PANEL DESCRIPTIONS

SCIENCE EDUCATION AND OUTREACH CAREERS

Session 4 • 1:30pm–2:30pm • Balconies

John Balbach, PhD

Science Professor, Georgetown Preparatory School

Carla L. Easter, PhD

Chief, Education and Community Involvement Branch, NHGRI/NIH

Monica I. Feliu-Mojer, PhD

Vice-Director, Ciencia Puerto Rico and Science Outreach Program Manager, iBiology and University of California, San Francisco

Natalie Leach Stringer, PhD

Assistant Professor, Montgomery College-Germantown

Beth Ruedi, PhD

Director of Education and Professional Development, Genetics Society of America

Students and the general public require knowledgeable and enthusiastic science educators who can explain complex scientific topics in interesting and exciting ways. An effective science educator can make a big difference by presenting these topics in a way that informs and intrigues, rather than overwhelms, the audience. There are many venues for science education that can benefit from enlisting a PhD-wielding individual. This panel will highlight careers in science education and outreach at high schools, community colleges, scientific societies, and the government.

TECHNOLOGY TRANSFER AND PATENT CAREERS

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

Maria Luisa Balasta, PhD

Director/Patent Attorney, L'Oreal USA Products, Inc.

Aurora M. Fontainhas, PhD

Patent Examiner, USPTO

Jeffrey A. James, PhD

Licensing Manager, UVa Licensing & Ventures Group

The field of technology transfer comprises patent registration, intellectual property licensing, and legal matters pertaining to tools, technology, or ideas created in the process of scientific research. Technology transfer bridges scientific discovery with commercialization and plays a crucial role in the evolution of pharmaceutical and biomedical industries. Speakers in this session represent the wide variety of career options available within the technology transfer field. Panelists will offer advice on making the transition and highlight specific opportunities for those interested in pursuing a career in tech transfer.

CLINICAL

CAREER OPTIONS FOR CLINICIANS

Session 1 • 9:00am–10:00am • Room F1/F2

Jamie Freedman, MD/PhD

Senior Vice President, Clinical Development, MedImmune

Larissa Lapteva, MD, MHS

Division Director of Therapeutic Performance, Office of Generic Drugs, CDER/FDA

Robert J. Noweck, MD/PhD

Associate Professor, Dept. Medicine, Duke University Medical Center

Konstantina M. Vanevski, MD

Director, Experimental Medicine, Bayer HealthCare

Physician-scientists play important roles in all areas of scientific advancement, including industry, academia, and the private sector. Such professionals truly can shape the field of translational medicine, even away from the bedside or bench. Hear from individuals who have combined their expertise in medicine with other skills to impact research, global health and drug discovery. Panelists will also discuss how physician-scientists can best transition into these fields and what awaits those who choose to do so.

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 the 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 20 min in length	Demystifying USAJobs.gov Tips for navigating and applying for US federal government careers	Interviewing This session will help you to navigate the interview process.	Top Ten Tips for Grant Writing The top tips you need to be a successful grant writer.	Stress Management for Scientists 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.	Resumes and Cover Letters The top ten highlights on your job search documents. Information on highlighting your transferable skills will be provided.
3:10 pm– 3:30 pm 20 min in length	Using LinkedIn for Career Success Tips for how to create a LinkedIn profile and to use the social media tool to find connections and jobs.		Finding Ways to Enhance Your Resume You have likely heard many speakers talk about the importance of acquiring leadership skills or other non-lab skills today. Gather information on how you can get these skills on campus.	Finding a Postdoc 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.	Resumes and Cover Letters The top ten highlights on your job search documents. Information on highlighting your transferrable skills will be provided.
3:35 pm– 4:15 pm 40 min in length	<p>Follow the Science: Learnings from a Career Journey [AUDITORIUM] Yong-Jun Liu, MD/PhD, <i>Senior Vice President, Research & Development, MedImmune</i> Dr. Liu will share his experience navigating a science driven career journey across academics and industry. He will share lessons learned and debunk common questions/myths about careers in science.</p> <p>Publishing for Impact [BALCONIES] Barbara Cheifet, PhD, <i>Assistant Editor, Genome Biology</i> How to prepare data for submission to a high impact journal, from the the cover letter to the conclusions. This session will discuss how to decide which figures to include, the angle of your story, and, more generally, how to find the right journal for your manuscript.</p> <p>Find the Career for You [ROOM E1/E2] 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.</p>				

SYMPOSIUM ORGANIZERS



SYMPOSIUM PLANNING COMMITTEE

Lori Conlan, PhD (OD), *Chair*
Andrea Cathcart, PhD (NIAID)
Juliane Caviston, PhD (NHLBI)
Jianhong Chen, PhD (NCI)
Victoria Chiou, MD (NCI)
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Lin Sun, PhD (NEI)
Ashley Vargas, PhD (NCI)
Le Wang, PhD (NIAMS)

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.

NOTES

build your career, shape the future



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