

13th ANNUAL



NIH VIRTUAL CAREER SYMPOSIUM

MAY 8, 2020



CAREER SYMPOSIUM

The 13th Annual NIH Career Symposium provides an online resource to take time to focus on your career. The coronavirus pandemic has upset both our personal and professional lives. In a ray of good news, this virtual symposium is designed to give you hope and guidance to plan your career. Whether you have chosen your path or are looking for your perfect career, we hope you can gather information to position yourself to be a competitive candidate in any career path that you choose.

On May 8 you will be able to learn about the highlights (and low-points) of different careers, how to make yourself a competitive candidate, and how to navigate your transition into a job. Sessions will be both live and recorded, presenting panels and interviews, and everything will be archived. You can return to the content anytime to explore a new career or refresh your memory on a topic.

Start your event with a welcome from the OITE and comments from Dr. Francis Collins, Director of the NIH. Then choose your own career adventure:

LIVE PANELS ON MAY 8, THEN ARCHIVED ON THE OITE YOUTUBE PAGE:

Faculty Careers: An Introduction to Academia
Industry Research and Development Careers
Science Administration Careers
Industry: Non-bench Careers

RECORDED PANELS AND INTERVIEWS, ALREADY AVAILABLE ON THE OITE YOUTUBE PAGE:

Faculty Careers at Teaching-intensive Schools
Science Education and Outreach Careers
Science Communication Careers
Science Policy Careers
Government Careers
Industry Careers: Successfully Transitioning into Your First Job
Research-intensive Careers (Non-industry)
Tech Transfer Careers
Careers in Curriculum Development
Starting a Career in Industry
Faculty Careers at a Primarily Undergraduate Institution
Faculty Careers: US and Abroad

THE OITE WEBSITE AND YOUTUBE PAGE ALSO CONTAIN A MYRIAD OF CAREER RESOURCES (SEE PAGES 8-9)

Please follow our [website](#), [YouTube page](#), and Twitter account ([@NIH_OITE](#)) to keep up with new career content. The OITE wishes you the best as you move towards the right career for you.

NIH CAREER SYMPOSIUM • LIVE MAY 8, 2020 • AGENDA AT A GLANCE

TIME	EVENT
12:00 pm	WELCOME FROM OITE
12:15 pm	MESSAGE FROM DR. FRANCIS COLLINS, DIRECTOR NIH
PANELS	
12:30 pm	FACULTY CAREERS: AN INTRODUCTION TO ACADEMIA
1:30 pm	INDUSTRY RESEARCH & DEVELOPMENT CAREERS
2:30 pm	SCIENCE ADMINISTRATION CAREERS
3:30 pm	INDUSTRY: NON-BENCH CAREERS

PANEL DESCRIPTIONS

FACULTY CAREERS: AN INTRODUCTION TO ACADEMIA

12:30pm

Explore the world of academia with panelists who have pursued research-intensive careers across a variety of academic settings. Topics covered in this session include: What are the benefits of pursuing a career in academia? What does it take to succeed? How does the higher education system in the United States work, and how do research-intensive positions at different types of research institution differ?

Dimitra Bourboulia, PhD

SUNY Upstate Medical University, Assistant Professor

David Sharlin, PhD

Minnesota State University, Mankato, Associate Professor

Kerry Smith, PhD

Clemson University, Professor and Director of EPIC

Tracie Delgado, PhD

Seattle Pacific University, Associate Professor

INDUSTRY RESEARCH & DEVELOPMENT CAREERS

1:30pm

This panel will provide an overview of careers in research and development to help you discover where your interests and skill sets might fit. Companies differ in terms of size and history, i.e., start-up vs. established. They also boast different cultures and corporate values.

Dennise A. De Jesús Díaz, PhD

Remedy Plan Therapeutics, VP Scientific Operations

Samantha Yost, PhD

ReGenEx Bio, Scientist-Research and Early Development

Catherine Nezich, PhD

Biogen, Scientist II

Industry Careers - Research and Development

Matthew Meyer, PhD

Bristol-Myers Squibb, Senior Director and Head,

Discovery Pharmacology and In Vivo Biology

Industry Careers - Drug Discovery in the

Biopharma Industry

David Hackos, PhD

Genentech, Inc., Senior Scientist

Speaker biographies, skill blitz slides and additional career symposium resources:
https://www.training.nih.gov/nih_career_symposium

SCIENCE ADMINISTRATION CAREERS

2:30pm

Administration determines and defines the goals of an organization to help management implement strategies and programs to achieve the goals. Administration includes coordination of programs and helping to set the compass of the organization. Opportunities in science administration include grants management at both funding agencies and recipient institutions such as universities; administering research projects or training programs; and running clinical trials or collaborative academic studies.

Maile Henson, PhD

*Duke School of Medicine,
Research Development Associate*

Shakira Nelson, PhD

AACR, Sr. Scientific Program Administrator

Kristen Kindrachuk, PhD

*University of Manitoba, Research Facilitator and
Business Development Officer*

Chris Case, PhD

*Leidos Biomedical Research Inc.,
Manager, Scientific Programs*

INDUSTRY: NON-BENCH CAREERS

3:30pm

This panel will survey non-bench career options in the industrial setting, including positions as medical liaisons and affairs, quality control, regulatory affairs, program management, and customer service management. The speakers will discuss different non-bench positions in terms of their science content, the training needed to prepare for them, and the distinguishing features of the job search.

Brenna Brady, PhD

*Lead Researcher, Outcomes Research, Life Sciences,
Value Based Care, IBM Watson Health*

Kimberly Shafer-Weaver, PhD

Scientific Director, Global Medical Affairs Merck & Co, Inc

Martha Sklavos, PhD

*Senior Strategic Project Manager, U.S. Oncology
Medical Affairs, Heme Franchise*

Karol Szczepanek, PhD

Medical Science Liaison, AstraZeneca

PANELS AND INTERVIEWS AVAILABLE VIA YOUTUBE

We have taped a number of panels and interviews to help you explore a diverse range of careers. Take a look at your leisure, and see if any particular path fits your personal career needs.

Individual interviews are denoted in Green Shaded Boxes

FACULTY CAREERS: EARLY CAREER PROGRESSION

Understanding the requirements for a successful transition from being a trainee to becoming an independent researcher is vital. Panelists from research-intensive institutions will share their experiences and their advice on preparing, applying and interviewing for a dream academic job. Additional discussion will focus on balancing the responsibilities for research, teaching, and service that come with an academic position as well as balancing the job with family and life.

Faculty Careers: US and Abroad

John Brognard, PhD

Earl Stadtman Investigator with NIH/NCI-Frederick

Early Career Transition to an Academic Medical Center

Joshua Gowin, PhD

University of Colorado Anschutz Medical Campus, Assistant Professor

Early Career Transition to an R2 Institution in Academia

Jaclyn Maher, PhD

University of North Carolina Greensboro, Assistant Professor of Kinesiology

Faculty Careers: Transitioning to Your First Faculty

Dustin Hancks, PhD

UT Southwestern Medical Center, Assistant Professor

FACULTY CAREERS AT TEACHING INTENSIVE SCHOOLS

Faculty in teaching-intensive post-secondary institutions will share their experiences and talk about how they chose this career path. They will also discuss what a faculty position looks like at different types of institutions and the challenges and rewards of this career.

Faculty Careers at a Primarily Undergraduate Institution

Amy Hitchcock Camp, PhD

Mount Holyoke College, Associate Professor

Stephan Woditschka, PhD

UNC Wilmington

Laurel Rodgers, PhD

Shenandoah University

Rachel Myerowitz, PhD

St. Mary's College

Vedham Karpakakunjaram, PhD

Montgomery College

SCIENCE EDUCATION AND OUTREACH CAREERS

Science education and outreach allow scientists to promote and expand interest in and a deeper understanding of STEM disciplines. Education and outreach activities can also encourage young people to consider STEM careers. Careers in this important field are found not only in educational institutions at all levels but also in museums, scientific professional societies, funding institutions, and international organizations that include a focus on health and science.

Christopher Williams, PhD

Smithsonian National Museum of African American History and Culture, STEM Education Specialist

Shaheen Khurana, MS

ReSet, Program Director

Laura Martin, PhD

Arizona Science Center, Science Museum Education Consultant

Careers in Curriculum Development

Katya Vines, PhD

Manager of Curriculum Development at the Smithsonian Science Education Center

Speaker biographies, skill blitz slides and additional career symposium resources:
https://www.training.nih.gov/nih_career_symposium

PUBLIC HEALTH CAREERS

Public Health professionals work to prevent disease and promote the health of the population. These panelists come from both population and epidemiological science backgrounds, and they represent a slice of the public health career opportunities— at regulatory agencies, pharmaceutical companies, contract research organizations, and academic research institutes.

Lauren Houghton, PhD

Assistant Professor, Columbia University Mailman School of Public Health

Wenny Lin, PhD

Principal Real World Data Scientist, Genentech/Roche

Ruthfirst Ayande

University of Massachusetts Amherst, PhD candidate

SCIENCE COMMUNICATION CAREERS

Science communication professionals develop, write, and manage the editorial process to disseminate scientific information. Science communicators must reason and think critically, understand their audiences, use effective written and oral language, and be able to connect with others. They are employed by organizations including scientific and popular journals, newspapers, radio and television outlets, biotech and pharmaceutical companies, and non-profits.

Abby Robinson, PhD

University of Maryland, Asst. Dean of Communications

Derek Francis, PhD

Cadent Medical Communications, VP Medical Director

Seth Scanlon, PhD

Science Magazine, Immunology Editor

SCIENCE POLICY CAREERS

Science policy includes both policy for science (what science should the government fund?) and science for policy (what does science tell us about the many policy issues the world faces, like the health of the oceans or maternal-child health?). The panelists will describe their careers in science policy by sharing their career paths and key experiences. They will also discuss the diverse opportunities available in this field and the skill set needed to compete effectively for them.

Sylvie Raver, PhD

Associate Director, Milken Institute Center for Strategic Philanthropy

Andrew Merluzzi, PhD

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

Sarah Rhodes, PhD

Health Science Policy Analyst, Office of Evaluation, Performance and Reporting, NIH

Tyrone Spady Director, PhD

Science Policy Coordination, Collaboration, and Reporting Division, NIH

Andrew Robertson, PhD

Global Head of Strategy, Digital and Data Sciences, Sanofi

PANELS AND INTERVIEWS AVAILABLE VIA YOUTUBE

GOVERNMENT CAREERS

The Federal government offers a wide range of jobs for scientists, including positions in regulatory affairs, technology transfer, grants management, program management/administration, food safety, science policy, and science communication. Panelists will discuss transitions from the bench to government positions away from the bench, the expectations and regulations that apply to Federal workers, and how Federal positions compare to similar jobs outside the government.

Brian Janelsins, PhD
FDA, Product Quality Team Lead
Rebecca Meseroll, PhD
*NIH/ Office of Portfolio Analysis,
Special Advisor to the Director*
Oliver Ou, PhD
USDA, Consumer Safety Officer
Delany Torres Salazar, PhD
NIH/NINDS, Scientific Review Officer

INDUSTRY CAREERS: SUCCESSFULLY TRANSITIONING INTO YOUR FIRST JOB

Many research scientists consider the move from an academic or government setting to industry. Panelists will talk about the skills that should be acquired before making the transition, and the most common hurdles experienced at the beginning of industry careers.

Randi Parks, PhD
Abiomed, Research Scientist
Justin David, PhD
Bristol Meyers Squibb, Research Investigator II
Anu Nagarajan, PhD
Schrödinger, Principal Scientist I
Christopher Barbour, PhD
Atrium, Data Scientist

Starting a Career in Industry

Sandra Bonne-Année, PhD
Gilead Sciences Research Scientist

RESEARCH INTENSIVE CAREERS (NON-INDUSTRY)

Non-faculty research staff from several institutions will discuss the appeal and drawbacks of their career paths, how their current positions differ from a postdoc position, and the implications of their job titles for their investigative freedom.

Krishna Melnattur, PhD
Washington University in St. Louis, Staff Scientist
Alexandra O'Sick, PhD
NIH/NIAID, Staff Scientist
Amy Beaven, PhD
University of Maryland, Imaging Core Director
Laura Pascalle, PhD
University of Pittsburgh, Research Assistant Professor

Speaker biographies, skill blitz slides and additional career symposium resources:
https://www.training.nih.gov/nih_career_symposium

TECH TRANSFER CAREERS

Technology Transfer connects the individuals who generate intellectual property, i.e., novel processes or inventions, with the business entities that will develop and market it. Overall, the process involves invention reporting, patenting, identifying industries with a potential interest in the invention and marketing it to them, and executing business agreements.

Nakisha Holder, PhD

*Johns Hopkins Technology Ventures,
Associate Portfolio Director*

Samuel E. Bish, PhD

*Senior Licensing and Business Development Associate for
Life Sciences, University of Missouri in Columbia, Missouri*

CAREERS IN CONSULTING AND STRATEGY

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 or strategy career and discuss the skills necessary to succeed in this field.

Jennifer Symonds, PhD

Spherix Consulting Group, Project Manager

Michael Ferenczy, PhD

GSK, Senior Director of Innovation Strategy

CAREERS FOR CLINICIANS - POSTPONED UNTIL SUMMER 2020

In consultation with the clinical fellows committee, we have decided to wait to hold this panel until after the new fellows have arrived in summer 2020. Check our website in summer for more information.

**THE OITE WEBSITE AND YOUTUBE PAGE ALSO CONTAIN A MYRIAD OF CAREER RESOURCES.
HERE ARE SOME HIGHLIGHTS:**

Creating Your Job Search Documents:

[Guide to Résumés and Curricula Vitae](#)

[Guide to Cover Letters](#)

[Résumés and Cover Letters](#) https://www.youtube.com/watch?v=6AN_uN0xDeo

[CVs and Résumés: What Is the Difference?](#) <https://www.youtube.com/watch?v=Zlp4CwNIs7g>

[Blog Posts on Job Search Documents:](#) <https://oitecareersblog.wordpress.com/?s=resume>

Building Your Network:

[Establishing and Maintaining Networks:](#) <https://www.youtube.com/watch?v=50DitkpR4Ow>

[Guide to Informational Interviews](#)

[How to Network](#)

[Creating Your Networking Map](#)

[Using Your Networking Map](#)

[The 3 Most Important Factors of a Job Search: Networking, Networking, and Networking](#)

[Five Most Common Networking Excuses](#)

Interviewing:

[Interviewing Tips:](#) <https://www.youtube.com/watch?v=jv6TkjcJLe8>

[Interview Decisions Made in 3-Minutes](#)

[Handling Telephone Communication during Interview Season](#)

[Behavioral Interviewing for Scientists](#)

[Are You Ready for Video Interviews?](#)

[Interviewing with Confidence](#)

[Answering the Weakness Interview Question](#)

[Yawnfest: Don't Be a Boring Interviewee](#)

[Illegal* Interview Questions – What They Are and How to Handle Them](#)

[Interviewing Advice from the Hiring Partners' Perspectives](#)

Negotiating Your Job Offer:

[Before Accepting a Job Offer](#)

[Learn to Negotiate before Your Interview](#)

[In Industry, It's About More Than Just Salary](#)

[The ABC's of Negotiating](#)

Faculty Careers:

[Applying and Interviewing:](#) <https://www.youtube.com/watch?v=aYpABPWwP5c>

[Basic Overview: The US Academic System](#)

[Getting a Faculty Job & Getting a Faculty Job – Revisited](#)

[Writing the Research Statement](#)

[Writing the Teaching Statement](#)

[Academic Job Search: Telephone Interviews](#)

[Preparing to Negotiate an Academic Job Offer](#)

Industry Careers:

[An Overview of Industry Careers:](#) <https://www.youtube.com/watch?v=kOpFqx7NG6A>

[Understanding How Businesses Are Arranged:](#) <https://www.youtube.com/watch?v=uj5YHKqZlss>

[Finding your Perfect Postdoc:](#) <https://www.youtube.com/watch?v=TKuNSjf0PSA>

[First Week on the Job in Industry](#)

[Where Do I Begin? Industry Careers for Scientists](#)

[Science Careers in Industry: Top Ten Myths](#)

[FROM THE ARCHIVE – Industry vs. Academia: Which Is Right for You?](#)

[In Industry, It's About More Than Just Salary](#) (info on stock options)

[Preparing to Negotiate Non-academic Job Offers](#)

Career Options:

Government Jobs for Biomedical Scientists: <https://www.youtube.com/watch?v=NNPY5k-VkgI>

Blog posts on career options: Interviews with Alumni: <https://oitecareersblog.wordpress.com/category/alumni-spotlight/>

Check out the Newsletters from past NIH Career Symposiums: https://www.training.nih.gov/nih_career_symposium

Take Care of Yourself:

Resiliency During the job search: <https://www.youtube.com/watch?v=fmiBWkqFDe0>

More videos and resources on the OITE website can be found at https://www.training.nih.gov/nih_resources

OITE YouTube Page:

https://www.youtube.com/channel/UCQQHo_QnuBxdfcsRy4INGGw

SYMPOSIUM ORGANIZERS

SYMPOSIUM PLANNING COMMITTEE

Conlan, Lori (OITE) (Chair)

Newell-Hunt, Jacqueline (OITE) (Co-Chair)

Naranjo Erazo, Andrea (OITE)

Adams, Gregory (NHLBI)

Agarwal, Supreet (NCI)

Burton Okala, Aisha (NICHD)

Bylicky, Michelle (NCI)

Casiano-Matos, Jennifer (NIAID)

Doucet-O'Hare, Tara (NINDS)

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Peeney, David (NCI)

Prakash, Pragya (NIDCD)

Vezina, Amelie (NINDS)

Wu, Alex (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

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