10th ANNUAL

NIH CAREER SYMPOSIUM

MAY 11, 2017
NIH NATCHER CONFERENCE CENTER, BETHESDA, MARYLAND
**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 11, 2017 • AGENDA AT A GLANCE

**SESSION** | **TIME** | **SESSION TITLE & LOCATION**
--- | --- | ---
**REGISTRATION** | 7:30 am–8:15 am | RUTH L. KIRSCHSTEIN AUDITORIUM BALCONIES ROOM E1/E2 LISTER HILL BUILDING 38A ROOM F1/F2

**SESSION 1** | 9:45 am–10:45 am | Transitioning from Postdoc to Faculty Science Administration Technology Transfer and Intellectual Property Staying Close to the Science Options for Clinicians

**SESSION 2** | 11:00 am–12:00 pm | Federal Government Long-term Success as a Faculty Member Regulatory Affairs and Science Management Consulting, Business Development and Equity Research

**LUNCH** | 12:00 pm–1:00 pm | Lunch on your own  LinkedIn Photo Booth Available in Room H

**SESSION 3** | 1:00 pm–2:00 pm | Science Policy and Advocacy Non-traditional Faculty Science Education and Outreach Sales and Marketing

**SESSION 4** | 2:15 pm–3:15 pm | Research and Development Writing and Communication Teaching Intensive Faculty Transitioning Successfully from Postdoc to Faculty (workshop)

**BREAK** | 3:15 pm–3:30 pm | Celebrate the NIH Career Symposium 10th Anniversary with a special treat

**SESSION 5: SKILL BLITZES 3:30–5:00 PM**

**TIME** | **AUDITORIUM** | **BALCONIES** | **ROOM E1/E2** | **ROOM F1/F2** | **ROOM C1/C2**
--- | --- | --- | --- | --- | ---
3:30 pm–3:50 pm 20 min | Interviewing | Understanding the US Academic System | Networking and LinkedIn | Stress Management for Scientists | The Stadtman Search
3:55 pm–4:15 pm 20 min | Negotiating Your Job Offer | Academic Job Talks | Unraveling the Myths of Industry | Finding a Postdoc | Career Searches Around the Globe
4:20 pm–5:00 pm 40 min | CV/Résumés and Cover Letters | New Job, New Mindset: Top Tips to be Successful in a Career Away from the Bench | Find the Career for You | | |
SESSION DESCRIPTIONS

WELCOME

TEN-YEARS LATER
8:45 am–9:30 am • Ruth L. Kirschstein Auditorium

Matthew Kelley, PhD
Senior Investigator and Chief of Laboratory of Cochlear Development, NIDCD, NIH

Catherine K. Kuo, PhD
Associate Professor at University of Rochester

Dana Mahadeo, PhD, JD
Director, Senior Counsel, Intellectual Property, Seqirus

Todd Pihl, PhD
Scientific Project Director, CSRA Incorporated

Julie Wallace, PhD
Health Science Policy Analyst, Office of Scientific Program and Policy Analysis, NIDDK, NIH

Celebrate the 10th anniversary of the NIH Career Symposium! Panelists from the inaugural career symposium return to talk about how their careers have changed over the last 10 years. We will highlight academic, industry and government careers. See how their trajectories have changed, what surprises they have faced, and hear what they wish they had known 10 years ago!

SESSION 1: TRANSITIONING FROM POSTDOC TO FACULTY
9:45 am–10:45 am • Ruth L. Kirschstein Auditorium

Archana Dhasarathy, PhD
Assistant Professor, Department of Biomedical Sciences, School of Medicine and Health Sciences, University of North Dakota

David Soto Pantoja, PhD
Assistant Professor/Principal Investigator, Wake Forest University School of Medicine Comprehensive Cancer Center

Cindy St Hilaire, PhD
Assistant Professor of Medicine, Division of Cardiology, Vascular Medicine Institute, University of Pittsburgh

Ameer Taha, PhD
Assistant Professor, Department of Food Science and Technology, University of California, Davis

Faculty from a variety of institutions will share the strategies that led to success and the mistakes and pitfalls to avoid. From where to look for positions, how to apply, building your lab and choosing your team, speakers will give advice on how to transition to your faculty career.

SESSION 2: LONG-TERM SUCCESS AS A FACULTY MEMBER
11:00 am–12:00 noon • Balconies

Jennifer Elisseef, PhD
Morton Goldberg Professor; Director, Translational Tissue Engineering Center, Wilmer Eye Institute and Department of Biomedical Engineering, Johns Hopkins

Erik Shapiro, PhD
Associate Professor of Radiology, Physiology and Chemical Engineering Associate Chair for Research, Department of Radiology, Michigan State University

Bradford Wilson, PhD
Faculty Member, Department of Genetics and Human Genetics, Howard University

Speakers will share experiences about boosting leadership skills, refining mentorship styles, improving communication skills, managing people and staying organized. Discussions will also touch on overcoming the challenges of communication and/or cultural barriers in an academic workplace, how to be inclusive in the lab, and how to establish collaborations and share ideas between institutions around the world. Come learn what it takes to become a successful academic.

SESSION 3: NON-TRADITIONAL FACULTY
1:00 pm–2:00 pm • Balconies

Nihal Altan-Bonnet, PhD
Senior Investigator, Laboratory of Host-Pathogen Dynamics, NHLBI, NIH

Julia Oh, PhD
Assistant Professor, The Jackson Laboratory for Genomic Medicine

Gabriel Parra, PhD
Principal Investigator, Laboratory of Hepatitis Viruses, Division of Viral Products, Center for Biologics Evaluation and Research (CBER), FDA

Tijana Talisman, PhD
Assistant Professor, Department of Molecular Medicine at Beckman Research Institute, City of Hope Comprehensive Cancer Center

Universities are not the only places where you can be an independent scientist. Private institutes, non-profit research centers and the government also hire principal investigators to perform research. Where can these jobs be found? How are they different from traditional academic counterparts? What do these institutions expect from candidates? The panelists will describe available options for individuals seeking an independent research position in a non-traditional research environments.
SESSION 4: TEACHING INTENSIVE FACULTY
2:15 pm–3:15 pm • Room E1/E2

Hadley Bergstrom, PhD
Assistant Professor of Psychological Science at Vassar College

Suman Mukherjee, PhD
Assistant Professor at Bunker Hill Community College

Sara Pistolesi, PhD
Lecturer at Iowa State University

Anca Segall, PhD
Professor of Biology at San Diego State University

Petra Tsuji, PhD, MPH
Assistant Professor at Towson University

Do you want to inspire the next generation of scientists? Teaching at the college level may be the career path for you. Panelists will focus on how to prepare your application, find positions and excel in teaching intensive institutions. The speakers represent a wide range and level of institutions and will discuss the challenges and advantages of choosing a teaching path.

SESSION 4: TRANSITIONING SUCCESSFULLY FROM POSTDOC TO FACULTY
2:15 pm–3:15 pm • Lister Hill

Sharon L. Milgram, PhD
Director, Office of Intramural Training & Education, NIH

Join the Director of OITE for a workshop on successfully transitioning to your first faculty position. You’ve accepted a faculty position! This seminar covers navigating the academic environment in your future department including: deciding what resources you need, finding and hiring personnel, departmental expectations of a junior faculty member, what you should expect early on and setting your early priorities.

INDUSTRY CAREERS

SESSION 1: STAYING CLOSE TO THE SCIENCE
9:45 am–10:45 am • Lister Hill

Silvia Arredondo, PhD
Staff Scientist, Center for Infectious Disease Research, Seattle

Rebecca Berman, PhD
Staff Scientist, Section on Cognitive Neurophysiology and Imaging, Lab of Neuropsychology, NIMH, NIH

Ludmila Kelly, PhD
Senior Scientist, BioReliance

Uri Manor, PhD
Director, Waitt Advanced Biophotonics Core, Salk Institute for Biological Studies

There are many careers that remain close to research that are often overlooked by scientists. In this panel, researchers will share their experiences working for world-class research institutes on basic and translational science. Panelists will highlight careers as staff scientists (both at the NIH and in private organizations), core directors, and working with contract research organizations.

SESSION 2: CONSULTING, BUSINESS DEVELOPMENT & EQUITY RESEARCH
11:00 am–12:00 noon • Lister Hill

Gabriel Eichler, PhD
Founder and Managing Director, Oak Health Partners

Grace Ha, PhD
Technology Consultant at Deloitte

Yang Huang, PhD
Senior Associate Equity Research, Citi Research

Sebastien Maloveste, PhD
Director, Business Development at GenVec

In this session, you will hear from scientists now working in business strategy and company growth—from consulting, business development and equity research careers. They will talk about their positions, day-to-day routines, and their transition from the bench to business professional. You will also hear our panelists’ advice regarding transferable skills you can gain now as a trainee, how to prepare for the transition, and if a business degree is necessary.

SPEAKER BIOGRAPHIES, SKILL BLITZ SLIDES AND ADDITIONAL CAREER SYMPOSIUM RESOURCES:
http://go.usa.gov/k5gR
SESSION 2: REGULATORY AFFAIRS & SCIENCE MANAGEMENT
11:00 am–12:00 noon • Room E1/E2
Christopher Case, PhD
Senior Scientific Administrator at Leidos Biomedical Research
Dietrich Conze, PhD
Director of Pharmaceutical Development at ChromaDex, Inc.
Jason Warfel, PhD
Analytical Method Validation and Technical Transfer Lead at Bristol-Myers Squibb
Corinne Zeller-Knuth, PhD
Senior Medical Information Scientist at Fresenius Medical Care North America

Do you want to use your scientific knowledge to bring new therapies to the market? Regulatory affairs specialists, medical science liaisons, and clinical trial managers are some of the positions that provide scientific support and assessments in pharmaceutical/biotechnology/medical device companies. These professionals offer their scientific expertise to guide product development, produce documents for FDA review, and promote product understanding for their clients.

SESSION 3: SALES & MARKETING
1:00 pm–2:00 pm • Lister Hill
Mawadda Al-Naeeli, PhD
Team Lead, Lab Services, Clinical Genomics Group, Illumina
Jahda Hill, PhD
Scientific Director at Dudnyk
Yeong Sang Kim, PhD
Technical Application Scientist at BioLegend
Christopher McNabb, PhD
Medical Science Liaison, Bayer, LLC

Do you want to tackle the challenge of bringing new concepts to the market and providing technical support for established products and services in basic, clinical and translational research? Careers such as field application scientist, sales representative and marketing specialist are some of the positions that work with customers to provide training, set up equipment, and showcase products.

SESSION 4: RESEARCH & DEVELOPMENT
2:15 pm–3:15 pm • Ruth L. Kirschstein Auditorium
Nicholas Buss, PhD
Toxicology Project Leader, Biologics Safety Assessment, MedImmune
Yevgeniy Gindin, PhD
Bioinformatics Scientist at Gilead Sciences
Swati Mukherjee, PhD
Scientist at the Vaccine Business Unit, Takeda Pharmaceuticals
Molly Perkins, PhD
Associate Director at bluebird bio
John Simmons, PhD
Director, Translational Science & Diagnostics at Personal Genome Diagnostics

Come hear our panelists who are currently working at large and medium sized pharmaceutical companies. They will share their stories about how they reached their current positions and what key skills helped them succeed. Learn about the qualities that you must master to take your bench career to the next level. Come gather tips on how to effectively network with R&D professionals, enhance your resume, land your first industry position, and thrive in this fast-paced environment.

SESSION 1: TECHNOLOGY TRANSFER & INTELLECTUAL PROPERTY
9:45 am–10:45 am • Room E1/E2
Caren Petrie Aronin, PhD
Patent Agent for Intellectual Property, Wilson, Sonsini, Goodrich & Rosati
Jason Warfel, PhD
Analytical Method Validation and Technical Transfer Lead at Bristol-Myers Squibb
James Whittle, PhD
Patent Attorney at WilmerHale LLP
Julie Wu, PhD
Patent Examiner, United States Patent and Trademark Office (USPTO)

Technology transfer and patents provide scientists with career opportunities in academia, government and the private sector. Professionals in these fields identify opportunities for commercialization of research, evaluate new technology for licensing potential, develop patent applications, and work with inventors to negotiate licensing or collaboration agreements and intellectual property documents. Panelists will discuss the differences between technology transfer and patent management and how to be competitive for these fields.

NON-BENCH CAREERS
SESSION 1: SCIENCE ADMINISTRATION  
9:45 am–10:45 am • Balconies  

Nick Anthis, PhD  
Program Officer at University of California, Office of the President  

Rocio Benabentos, PhD  
Associate Director, HHMI Science Education Program at Florida International University  

Rayna Truelove, PhD  
Program Officer at Woodrow Wilson National Fellowship Foundation  

Betsey Wagener, PhD  
Research Administrator, University of Arizona Cancer Center  

Science relies on administrators to manage programs that keep research running. Panelists manage fellowships and grants, academic programs and other programs in non-profit and academic institutions. They will discuss the skills needed to take on an administrative role after years at the bench, and the impact their daily jobs have on shaping science.

SESSION 2: FEDERAL GOVERNMENT  
11:00 am–12:00 noon • Ruth L. Kirschstein Auditorium  

Prince Awuah, PhD  
Biologist at Food and Drug Administration (FDA)  

Jue Chen, PhD  
Health Science Administrator/Program Director, NHLBI, NIH  

Ian Hutchins, PhD  
Data Scientist, Office of Portfolio Analysis, Division of Program Coordination, Planning and Strategic Initiatives, OD, NIH  

Marijke Koppenol-Raab, PhD  
Biomedical Life Scientist at Leidos supporting Congressionally Directed Medical Research Programs  

The government plays a fundamental role in the advancement of public health and funding basic and translational research. There is room for all types of work in the government, from FDA’s regulating activities to guiding funding via grant reviews and identifying new avenues for research. If you’re interested in using your degree to make an impact on how science develops at the big picture level, this panel is for you. The panelists in this session will discuss how scientists can make the jump from bench to government; see what this career path looks like from those on the other side.

SESSION 3: SCIENCE EDUCATION & OUTREACH  
1:00 pm–2:00 pm • Room E1/E2  

Madeline Sofia, PhD  
Reporter, National Public Radio (NPR)  

Michael T. Kim, PhD  
Physics Teacher, Wooton High School  

Julia Louie, MA  
Exhibition Designer, Smithsonian Institution, National Museum of Natural History  

Catherine Swanwick, PhD  
Chief Executive Officer, Catlilli Games, and Teacher at Fauquier High School  

There is more to science education than lecturing in a classroom and nowadays, science educators can be found almost anywhere, from schools to museums to game design. Regardless of their backgrounds or positions, educators all work to support scientific literacy, advance research, and inspire future generations. Do you have a passion for science and the ability to translate research to the general public? Come hear this diverse group of science educators discuss their experiences working in this unique field and the opportunities available.

SESSION 3: SCIENCE POLICY & ADVOCACY  
1:00 pm–2:00 pm • Ruth L. Kirschstein Auditorium  

Greg Frank, PhD  
Director, Infectious Disease Policy at Biotechnology Innovation Organization  

Stephanie Mok, PhD  
Policy Analyst at the Office of Information and Regulatory Affairs (within the Office of Management and Budget, Executive Office of the President)  

Kevin Ramkissoon, PhD  
Health Science Policy Analyst, Office of Science Policy, OD, NIH  

Anna Burkhart Sadusky, PhD  
Director, Regulatory Science and Policy at American Association for Cancer Research  

Policy and advocacy are necessary cornerstones for growth and development in science. Scientists in this field provide evaluations on existing and proposed regulations and policies that impact every aspect of the scientific community including allocation of resources and navigating public scientific issues. The panelists in this section will discuss exciting opportunities in science policy and advocacy at the federal and private level. They will discuss what training opportunities are available for scientists, and what it takes to prepare for a career in this field.

SPEAKER BIOGRAPHIES, SKILL BLITZ SLIDES AND ADDITIONAL CAREER SYMPOSIUM RESOURCES:  
http://go.usa.gov/k5gR
SESSION 4: WRITING & COMMUNICATION
2:15 pm–3:15 pm • Balconies
Nicole Hunt, PhD
Senior Medical Writer, Citizenship LLC
Mac (James) McGuire, PhD
Medical Writing Manager, Cardinal Health
David Mellert, PhD, PMP
Senior Scientific Writer at The Jackson Laboratory
Lindsey Pujanandez, PhD
Associate Editor, Science Translational Medicine

Communication is a core tenement of a scientific career. Professionals in science communication take this component to the next level with diverse scientific knowledge and their specialized expertise. Science writers and editors present cutting-edge research and technologies to diverse audiences. How they relate new developments can influence science policy, education, advocacy and regulation. These panelists will discuss how to leverage your training to become a professional communicator.

SESSION 1: OPTIONS FOR CLINICIANS
9:45 am–10:45 am • Room F1/F2
Meghna Alimchandani, MD
Branch Chief, Pharmacovigilance in the Division of Epidemiology, Office of Biostatistics and Epidemiology, Center for Biologics Evaluation and Research (CBER), FDA
Lee-Jah Chang, MD
Director, Clinical Sciences, Sanofi Pasteur, Swiftwater, PA
Antonio T. Fojo, MD/PhD
Professor of Medicine, College of Physicians and Surgeons, Columbia University, and Co-Director, Adrenal Center, Department of Medicine, Division of Hematology/Oncology, Columbia University Medical Center
Tiffany M. Powell-Wiley, MD, MPH
Assistant Clinical Investigator, Cardiovascular and Pulmonary Branch, Division of Intramural Research, National Heart, Lung and Blood Institute (NHBLI), NIH

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 the career paths available to clinicians.
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
3:30 pm–3:50 pm
20 min in length

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<tr>
<th>TIME</th>
<th>AUDITORIUM</th>
<th>BALCONIES</th>
<th>ROOM E1/E2</th>
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<th>ROOM C1/C2</th>
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<tr>
<td>3:30 pm–3:50 pm</td>
<td><strong>Interviewing</strong></td>
<td><strong>Understanding the US Academic System</strong></td>
<td><strong>Networking and LinkedIn</strong></td>
<td><strong>Stress Management for Scientists</strong></td>
<td><strong>The Stadtman Search</strong></td>
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<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>Academic institutions come in a variety of sizes and flavors. 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>You have met some terrific people today. Find out how to expand and maintain with your network. This session will also explore using LinkedIn 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>3:55 pm–4:15 pm</td>
<td><strong>Negotiating Your Job Offer</strong></td>
<td><strong>Academic Job Talks</strong></td>
<td><strong>Unraveling the Myths of Industry</strong></td>
<td><strong>Finding a Postdoc</strong></td>
<td><strong>Career Searches Around the Globe</strong></td>
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<td>What and how do you negotiate the various parts of your job package. This session is focused on non-academic positions.</td>
<td>Learn to give an outstanding, memorable job talk for faculty positions. Learn important elements to be included, tips on giving a successful academic “chalk talk,” how to structure your talk for your specific audience, and more.</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>
<td>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 looking for a job outside of the US (i.e. returning to your home country or another country).</td>
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SPEAKER BIOGRAPHIES, SKILL BLITZ SLIDES AND ADDITIONAL CAREER SYMPOSIUM RESOURCES:
http://go.usa.gov/k5gR
SESSION 5: SUPER BLITZ

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<td>4:20 pm–5:00 pm</td>
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<td><strong>Find the Career for You</strong></td>
<td><strong>CV/Résumés and Cover Letters</strong></td>
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<tr>
<td>40 min in length</td>
<td></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>
<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>
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**SESSION 5: SUPER BLITZ**

**Find the Career for You**
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.

**CV/Résumés and Cover Letters**
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.

**New Job, New Mindset: Top Tips to be Successful in a Career Away from the Bench**
The OITE director has seen many scientists transition to non-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.

**SYMPOSIUM ORGANIZERS**

**SYMPOSIUM PLANNING COMMITTEE**

Lori Conlan, PhD [OD], Chair
Farah Alayli, PhD, NIAID
Defne Bayik, PhD, NCI
Sayantan Chakraborty, PhD, NIA
Lora Deutch, PhD, NIMH
Emily Dunkelberger, PhD, NIDDK
Emilie Goguet, PhD, NCI
Laura Gorrell, MS, NICHD
Aloa Lamarca Dams, PhD, NICHD
Cael Lim, PhD, NIAID
Julia Liu, PhD, NIGMS
Becca McPherson, PhD, NIA

Lingling Miao, PhD, NCI
Amarjit Mishra, PhD, NHLBI
Pushpanathan Muthuirulan, PhD, NICHD
Emily Petrus, PhD, NINDS
Mugdha Samant, PhD, NEI
Ashley Swanson, PhD, NIGMS
Laura Vachel, PhD, NIDCR
Raffaello Verardi, PhD, NICHD
Meining Wang, PhD, NIDA
Jean Winter, PhD, NHGRI
LokSum Wong, PhD, NIDCD
Ashley Xiao, PhD, NICHD

**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.