



Agenda

Monday, February 2, 2015

NIH/Building 50, Room 1227

7:45 – 8:15 a.m.	Breakfast (Bethesda Marriott)
8:15 a.m.	NIH Security Clearance (Bethesda Marriott Lobby)
8:30 a.m.	Bus Departs for NIH
9:00 – 9:15 a.m.	Welcome Wendy J. Fibison, Ph.D. Associate Director Office of Training and Diversity (OTD) Division of Intramural Research (DIR) National Institute of Allergy and Infectious Diseases (NIAID) National Institutes of Health (NIH)
9:15 – 9:45 a.m.	Introduction to the Division of Intramural Research Kathryn C. Zoon, Ph.D. Director Division of Intramural Research NIAID, NIH
9:45 – 10:00 a.m.	Introducing Today's Students and Tomorrow's Leaders Wendy J. Fibison, Ph.D. Associate Director OTD, DIR, NIAID, NIH
10:00 – 10:30 a.m.	Research Opportunities at the NIH Michael M. Gottesman, M.D. Deputy Director for Intramural Research Office of the Director, NIH
10:30 – 11:15 a.m.	The National Institute of Allergy and Infectious Diseases: A Unique Mandate Anthony S. Fauci, M.D. Director National Institute of Allergy and Infectious Diseases, NIH
11:15 – 11:45 a.m.	Group Photo
11:45 a.m. – 12:15 p.m.	The Challenge of Human Influenza Matthew J. Memoli, M.D. Director, Clinical Studies Unit Laboratory of Infectious Diseases, DIR, NIAID, NIH

12:15 – 1:00 p.m.

Lunch

1:00 – 1:45 p.m.

Overview of Rocky Mountain Laboratories

Steve Porcella, Ph.D.

Chief, Research Technologies Section
Genomics Unit
Research Technologies Branch
Rocky Mountain Laboratories, DIR, NIAID, NIH

1:45 – 2:00 p.m.

Navigating Your Career Options as an INRO Fellow—Do It Right and Be Flexible

James R. Chavre

Associate Scientist II
BioReliance by Sigma-Aldrich
INRO 2012
NIAID Postbaccalaureate IRTA 2012

2:00 – 2:30 p.m.

**Disseminated Coccidioidomycosis:
Risk Factors and Functional Immunology**

Camila Odio

Medical Student
Cleveland Clinic Lerner College of Medicine
INRO 2012
NIAID Pre-IRTA/Medical Research Scholars Program 2013

2:30 – 2:45 p.m.

Research and Training Opportunities at the NIH

Erika L. Barr, Ph.D.

Director, NIH Community College Program
Office of Intramural Training & Education
Office of the Director, NIH
INRO 2006
National Institute on Aging Postdoctoral IRTA 2006

2:45 – 3:00 p.m.

Break

3:00 – 3:30 p.m.

A Step Toward Opportunity

Virginia P. Kocieda, Ph.D.

American Association for the Advancement of Science (AAAS)
Science & Technology Policy Fellow
Office of Science and Technology
Office of Water
U.S. Environmental Protection Agency
INRO 2011
NIAID Postdoctoral IRTA 2012

3:30 – 4:00 p.m.

Road To Becoming a Physician Scientist

Donald M. Cheatem, M.D., Ph.D.

General Surgery Resident
University of Illinois at Chicago
INRO 2003
NIAID Summer Intern 2003

4:00 – 4:30 p.m.

One Short Guy's Perspective

Steevenson Nelson, Ph.D.

Biologist, Genomics and Immunity Section

Laboratory of Molecular Immunogenetics

National Institute of Arthritis and Musculoskeletal and Skin Diseases, NIH

NIAID Postdoctoral IRTA 2005

4:30 – 5:15 p.m.

INRO 2015 Meet & Greet

Welcome Visiting Students, Trainee Alumni, and Current NIAID Trainees

5:15 p.m.

Adjourn



Tuesday, February 3, 2015

NIH/Building 50, Room 1227

7:45 – 8:15 a.m.

Breakfast (Bethesda Marriott)

8:15 a.m.

NIH Security Clearance (Bethesda Marriott Lobby)

8:30 a.m.

Bus Departs for NIH

The Ebola Epidemic—An International Challenge

9:00 – 9:45 a.m.

Ebola Vaccine Development: Initial Phase I Trial Results

Barney S. Graham, M.D., Ph.D.

Deputy Director, Vaccine Research Center and
Chief, Viral Pathogenesis Laboratory, NIAID, NIH

9:45 – 10:30 a.m.

Ebola Virus Outbreak Response, Liberia 2014-2015

Emmie de Wit, Ph.D.

Research Fellow, Laboratory of Virology
Rocky Mountain Laboratories, DIR, NIAID, NIH

10:30 – 11:15 a.m.

**Establishment of a Clinical Research Partnership With the
Liberian Ministry of Health**

H. Clifford Lane, M.D.

Deputy Director, Clinical Research and Special Projects
Division of Clinical Research, NIAID, NIH

11:15 – 11:30 a.m.

Break

11:30 a.m. – 12:15 p.m.

**Rising to the Challenge: NIAID's Response to Ebola—The Role
of DMID**

Carole A. Heilman

Director
Division of Microbiology and Infectious Diseases (DMID), NIAID, NIH

12:15 – 1:45 p.m.

Peer Mentoring Lunch: Learning From Those One Step Ahead

1:45 – 2:15 p.m.

**The Importance of State-of-the-Art Research Technologies in
Biomedical Research**

Robert J. Hohman, Ph.D.

Chief, Research Technologies Branch and
Associate Director for the Development of Research Technologies, DIR, NIAID, NIH

Collaborative Computing and Bioinformatics

Suhas Sharma, B.Eng.

Chief Technology Officer, Axle Informatics
Research Technologies Branch, DIR, NIAID, NIH

2:15 – 2:45 p.m.

RML Genomics Unit Technologies and Advances

Steve Porcella, Ph.D.

Chief, Research Technologies Section
Genomics Unit
Research Technologies Branch
Rocky Mountain Laboratories, DIR, NIAID, NIH

2:45 – 3:15 p.m.

Microscopy: Portal Into a Small, Small World

Elizabeth R. Fischer, M.A.

Facility Head, Electron Microscopy Unit, Research Technologies Section
Research Technologies Branch
Rocky Mountain Laboratories, DIR, NIAID, NIH

3:15 – 3:30 p.m.

Break

3:30 – 4:15 p.m.

Salmonella: The Good, the Bad, and the Ugly

Olivia Steele-Mortimer, Ph.D.

Chief, Salmonella Host-Cell Interactions Section and
Senior Investigator
Laboratory of Intracellular Parasites
Rocky Mountain Laboratories, DIR, NIAID, NIH

4:15 – 5:00 p.m.

Covering the Science Behind Ebola: A Reporter's View

Richard Harris

Science Correspondent
National Public Radio

5:00 p.m.

Adjourn



Wednesday, February 4, 2015

Twinbrook III, Room 2E06

7:00 – 7:30 a.m.	Breakfast (Bethesda Marriott)
7:30 a.m.	Bus Departs for Twinbrook III (Bethesda Marriott Lobby)
8:15 – 8:45 a.m.	Responsible Conduct in Research Wendy J. Fibison, Ph.D. Associate Director OTD, DIR, NIAID, NIH
8:45 – 9:00 a.m.	Common Human Mutation in CX₃CR1 Renders Monocytes Unable To Defend Against the Fungus <i>Candida</i> Amanda Collar Postbaccalaureate IRTA Laboratory of Clinical Infectious Diseases, DIR, NIAID, NIH
9:00 – 9:15 a.m.	Host Cellular Transcriptome and Viral Genome Changes Associated With Tick-Borne Flavivirus Infection Charles Turner Postbaccalaureate IRTA Genomics Unit, Research Technologies Branch Rocky Mountain Laboratories, DIR, NIAID, NIH
9:15 – 9:30 a.m.	Life as a Post-Bac in the Bitterroot Jennifer RaaNielsen Postbaccalaureate IRTA Electron Microscopy Unit, Research Technologies Branch Rocky Mountain Laboratories, DIR, NIAID, NIH
9:30 – 10:15 a.m.	Responsible Conduct in Research—Mentoring Styles April M. Clayton, Ph.D., Postdoctoral IRTA, Laboratory of Viral Diseases Maria D. Lopez-Ocasio, Ph.D., Postdoctoral IRTA, Laboratory of Immunology Heardley Moses Murdock, Postbaccalaureate IRTA, Laboratory of Host Defenses Dionne P. Robinson, Ph.D., Postdoctoral IRTA, Laboratory of Parasitic Diseases
10:15 – 10:45 a.m.	Interview Instructions Ann Rich Program Analyst OTD, DIR, NIAID, NIH
10:45 a.m. – 12:45 p.m.	Student Interviews/Lunch
10:45 a.m. – 11:00 a.m.	Group A Travel to Interviews
11:00 – 11:45 a.m.	Group A Interviews; Group B Lunch
11:45 a.m. – 12:00 p.m.	Group B Travel to Interviews
12:00 – 12:45 p.m.	Group B Interviews; Group A Lunch
12:45 – 1:00 p.m.	Group B Travel From Interviews

1:00 – 1:45 p.m.

Targeting How Malaria Parasites Get Their Nutrients for Development of New Therapies

Sanjay A. Desai, M.D., Ph.D.

Senior Investigator, Molecular Physiology Section
Laboratory of Malaria and Vector Research, DIR, NIAID, NIH

1:45 – 2:00 p.m.

Characterizing a New and Novel Approach To Targeted Killing of HIV-Infected Cells

Sara Bolivar Wagers

Postbaccalaureate IRTA
Laboratory of Viral Diseases, DIR, NIAID, NIH

2:00 – 2:15 p.m.

Seasonal Changes in Endemic Malaria and Gametocyte Prevalence in Keneiroba, Mali

Matthew Chenoweth

Postbaccalaureate IRTA
Laboratory of Malaria and Vector Research, DIR, NIAID, NIH

2:15 – 2:30 p.m.

The α 4 β 7 Effect: How HIV Hits You in the Gut

Ronke Olowojesiku

Postbaccalaureate IRTA
Laboratory of Immunoregulation, DIR, NIAID, NIH

2:30 – 2:45 p.m.

Break

2:45 – 3:05 p.m.

Regulatory T Cells: Searching for Markers of the Regulators of Immunity

Patricia Kiesler, Ph.D.

Postdoctoral IRTA
Laboratory of Host Defenses, DIR, NIAID, NIH

3:05 – 3:25 p.m.

Sex and Endocrine Effects on *Toxoplasma gondii* Pathogenesis

Dionne P. Robinson, Ph.D.

Postdoctoral IRTA
Laboratory of Parasitic Diseases, DIR, NIAID, NIH

3:25 – 3:55 p.m.

Responsible Conduct in Research—Sloppy Science or Research Misconduct?

April M. Clayton, Ph.D., Postdoctoral IRTA, Laboratory of Viral Diseases
Heardley Moses Murdock, Postbaccalaureate IRTA, Laboratory of Host Defenses
Dionne P. Robinson, Ph.D., Postdoctoral IRTA, Laboratory of Parasitic Diseases

3:55 – 4:15 p.m.

Using a Quasivirus-Based HPV18 Genome Delivery System To Study the Modulation of Early-Stage Infectivity by Host Factors

Caleb C. McKinney, Ph.D.

Postdoctoral IRTA
Laboratory of Viral Diseases, DIR, NIAID, NIH

4:15 – 4:35 p.m.

Bacteria, Viruses, and Their Hosts: Tales From My Journey as a Microbiologist

Dennise A. de Jesús Díaz, Ph.D.

Postdoctoral IRTA

Laboratory of Infectious Diseases, DIR, NIAID, NIH

4:35 – 4:50 p.m.

Final Comments—Responsible Conduct in Research

April M. Clayton, Ph.D., Postdoctoral IRTA, Laboratory of Viral Diseases

Hardley Moses Murdock, Postbaccalaureate IRTA, Laboratory of Host Defenses

Dionne P. Robinson, Ph.D., Postdoctoral IRTA, Laboratory of Parasitic Diseases

4:50 p.m.

Adjourn



Thursday, February 5, 2015

NIH/Building 50, Room 1227

7:00 – 7:30 a.m.	Breakfast (Bethesda Marriott)
7:30 a.m.	NIH Security Clearance (Bethesda Marriott Lobby)
7:45 a.m.	Bus Departs for NIH
8:30 – 9:15 a.m.	Diversity at the NIH Hannah Valantine, M.D., MRCP, FACC Chief Officer for Scientific Workforce Diversity Office of the Director, NIH
9:15 – 9:45 a.m.	Interview Instructions Ann Rich Program Analyst OTD, DIR, NIAID, NIH
9:45 a.m. – 12:00 p.m.	Student Interviews
9:45 – 10:00 a.m.	<i>Travel to Interview I</i>
10:00 a.m. – 10:45 a.m.	Interview I
10:45 – 11:15 a.m.	<i>Travel to Interview II</i>
11:15 a.m. – 12:00 p.m.	Interview II
12:00 – 1:00 p.m.	Lunch
1:00 – 1:15 p.m.	Program Evaluation and Trivia Quiz
1:15 – 1:45 p.m.	Next Steps Wendy J. Fibison, Ph.D. Associate Director OTD, DIR, NIAID, NIH
2:00 p.m.	Adjourn
2:15 p.m.	Departure to Airports

Conference attendees and/or presenters are responsible for meals and/or light refreshments on their own and at their own cost.

