



Agenda

Monday, February 4, 2013

7:45 – 8:15 a.m.	Bethesda Marriott Breakfast
8:15 a.m.	Bethesda Marriott NIH Security Clearance Lobby
8:45 a.m.	Bus Departs for NIH
9:00 – 9:15 a.m.	NIH/Building 50, Room 1227 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 NIAID Intramural Program 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.	Intramural Research From Bench to Bedside and Back: Preserving a Creative Environment Richard G. Wyatt, M.D. Deputy Director Office of Intramural Research Office of the Director, NIH
10:30 – 11:15 a.m.	Overview of Rocky Mountain Laboratories Stephen F. Porcella, Ph.D. Chief, Research Technologies Section Research Technologies Branch Rocky Mountain Laboratories, DIR, NIAID, NIH
11:15 a.m. – 12:00 p.m.	The Basics of Clinical Research Sarah K. Browne, M.D. Assistant Clinical Investigator, Immunopathogenesis Section Laboratory of Clinical Infectious Diseases, DIR, NIAID, NIH

12:00 – 1:00 p.m.

Lunch

1:00 – 1:15 p.m.

**INRO: More Than a Program,
a Life-Changing Experience**

Neysa Martínez-Orengo

Graduate Student
Ponce School of Medicine and Health Sciences
NIAID Postbaccalaureate IRTA 2007, 2008

1:15 – 1:30 p.m.

**From Infectious Particles to
the Fountain of Youth**

Josue Baeza

Graduate Student
University of Wisconsin-Madison
NIAID Summer Intern 2010, Postbaccalaureate IRTA 2011

1:30 – 1:45 p.m.

The Road to Becoming a Clinical Scientist

Sherita Chapman, M.D.

Vascular Neurology Fellow
University of Virginia
NIAID Postbaccalaureate IRTA 2003, Summer Intern 2005

1:45 – 2:15 p.m.

**A Journey of a Thousand Miles, Begins With
One Step**

Ihunanya Mbata, M.D.

Internal Medicine (Global Health) Resident
University of Pittsburgh Medical Center
NIAID Postbaccalaureate IRTA 2006

2:15 – 2:30 p.m.

Break

2:30 – 3:00 p.m.

Life After Graduate School

Imran Babar, Ph.D.

Biotechnology Analyst
Cowen and Company
NIAID Summer Intern 2004

3:00 – 3:45 p.m.

**Ending the HIV/AIDS Pandemic: From Basic
Science to Public Health Implementation**

Anthony S. Fauci, M.D.

Director
National Institute of Allergy and Infectious Diseases, NIH

3:45 – 4:15 p.m.

Group Photo

4:15 – 5:00 p.m.

Hatfield Clinical Center Tour

5:00 p.m.

Adjourn

Tuesday, February 5, 2013

7:45 – 8:15 a.m.	Bethesda Marriott	Breakfast
8:15 a.m.	Bethesda Marriott Lobby	NIH Security Clearance
8:45 a.m.		Bus Departs for NIH
	NIH/Building 50, Room 1227	Bacteria: The Good, The Bad, and The Ugly
9:00 – 9:45 a.m.		Roles of Sin and Gut Commensals in Immune Responses Yasmine Belkaid, Ph.D. Chief, Mucosal Immunology Section and Senior Investigator Laboratory of Parasitic Diseases, DIR, NIAID, NIH
9:45 – 10:30 a.m.		Salmonella – Friend or Foe? Olivia Steele-Mortimer, Ph.D. Chief, Salmonella Host-Cell Interactions Section and Senior Investigator Laboratory of Intracellular Parasites Rocky Mountain Laboratories, DIR, NIAID, NIH
10:30 – 10:45 a.m.		Break
10:45 – 11:30 a.m.		Basis of Virulence in Community-Associated MRSA Michael Otto, Ph.D. Chief, Pathogen Molecular Genetics Section and Senior Investigator Laboratory of Human Bacterial Pathogenesis, DIR, NIAID, NIH
11:30 a.m. – 12:15 p.m.		A Research Career in Global Public Health Ray Chen, M.D. Staff Clinician, Tuberculosis Research Section Laboratory of Clinical Infectious Diseases, DIR, NIAID, NIH
12:15 – 1:15 p.m.		Lunch
1:15 – 1:45 p.m.		The Importance of Advanced 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

1:45 – 2:15 p.m.

**Advanced Technologies and Support Within
the Genomics Unit, RTS, RML**

Stephen F. Porcella, Ph.D.

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

2:15 – 2:45 p.m.

**Microscopy Techniques and Technologies
Used in the Study of Human Pathogens**

Elizabeth R. Fischer, M.A.

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

2:45 – 3:00 p.m.

Break

3:00 – 3:45 p.m.

Visualizing the Immune System in Action

Ronald N. Germain, M.D., Ph.D.

Chief, Lymphocyte Biology Section and
Chief, Laboratory of Systems Biology, DIR, NIAID, NIH

3:45 – 5:00 p.m.

**Peer Mentoring: Learning From Those One
Step Ahead**

5:00 p.m.

Adjourn

Wednesday, February 6, 2013

7:15 – 7:45 a.m.	Bethesda Marriott	Breakfast
7:45 a.m.		Bus Departs for Fishers Lane Conference Center
8:15 – 9:00 a.m.	5635 Fishers Lane Conference Center – Terrace Level	How Malaria Parasites Get Their Nutrients: An Achilles' Heel for Antimalarial Development Sanjay A. Desai, M.D., Ph.D. Chief, Apicomplexan Molecular Physiology Section and Senior Investigator Laboratory of Malaria and Vector Research, DIR, NIAID,NIH
9:00 – 9:45 a.m.		Mosquito Immunity and Parasite Immune Evasion in Malaria Transmission Carolina Barillas-Mury, M.D., Ph.D. Chief, Mosquito Immunity and Vector Competence Section and Senior Investigator Laboratory of Malaria and Vector Research, DIR, NIAID,NIH
9:45 – 10:30 a.m.		Role of Viral RNA-Sensing Pathways in Autoimmune Pathologies Silvia Bolland, Ph.D. Chief, Autoimmunity and Functional Genomics Section and Senior Investigator Laboratory of Immunogenetics, DIR, NIAID, NIH
10:30 – 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 – 11:00 a.m.		<i>Group A Travel to Interviews</i>
11:00 – 11:45 a.m.		Group A Interviews; Group B Lunch
11:45 a.m. – 12:00 p.m.		<i>Group B Travel to Interviews</i>
12:00 – 12:45 p.m.		Group B Interviews; Group A Lunch
12:45 – 1:00 p.m.		<i>Group B Travel From Interviews</i>
1:00 – 1:15 p.m.		The Role of DUOX2 in the Development of Inflammatory Bowel Disease Jawara Allen Postbaccalaureate IRTA Laboratory of Host Defenses, DIR, NIAID, NIH

1:15 – 1:30 p.m.

Modulation of Vaccinia Virus Intermediate Transcription Factor Subunits A8 and A28 by an FKBP Destabilizing Domain

James R. Chavre

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

1:30 – 1:45 p.m.

Managing a Clinical Trial; Curing Hepatitis C

Miriam M. Marti

Postbaccalaureate IRTA
Laboratory of Immunoregulation, DIR, NIAID, NIH

1:45 – 2:00 p.m.

DIR-Sequencing and Custom Analysis of Antibiotic-Resistant *Klebsiella*

Jennifer K. Hashimoto

Postbaccalaureate IRTA
Research Technologies Branch, DIR, NIAID, NIH

2:00 – 2:15 p.m.

Break

2:15 – 2:45 p.m.

Examining the Antiviral Activity of Interferons

Angel Morrow

Predoctoral IRTA
Cytokine Biology Section, DIR, NIAID, NIH

2:45 – 3:15 p.m.

The Role of CXCR4 in WHIM Syndrome

Paejonette Jacobs, Ph.D.

Postdoctoral IRTA
Laboratory of Molecular Immunology, DIR, NIAID, NIH

3:15 – 3:45 p.m.

Innate Immune Pathways and Hemocyte Differentiation in Mosquito-*Plasmodium* Interactions

José Luis Ramirez, Ph.D.

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

3:45 – 4:45 p.m.

Discussion: Establishing Your Research Project

4:45 p.m.

Adjourn

Thursday, February 7, 2013

7:15 – 7:45 a.m.	Bethesda Marriott	Breakfast
7:45 a.m.	Bethesda Marriott Lobby	NIH Security Clearance
8:15 a.m.		Bus Departs for NIH
8:30 – 9:15 a.m.	NIH/Building 50, Room 1227	NIH – Where We Came From, and Why David M. Morens, M.D. Senior Advisor to the Director Office of the Director, NIAID, NIH
9:15 – 9:45 a.m.		Interview Instructions Ann Rich Program Analyst OTD, DIR, NIAID, NIH
9:45 – 11:45 a.m.		Student Interviews
9:45 – 10:00 a.m.		<i>Travel to Interview I</i>
10:00 – 10:45 p.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.	NIH/Building 50, Room 1227	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.		Adjournment
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.

