Monday, February 6, 2012

8:00 a.m. Bethesda Marriott NIH Security Clearance Lobby

8:30 a.m. Bus Departs for NIH

8:45 – 9:00 a.m. NIH/Building 50, Room 1227 Breakfast

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. Global Research in NIAID DIR
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. Preparing for a Career in Biomedical Research
Michael M. Gottesman, M.D.
Deputy Director for Intramural Research
Office of the Director, NIH

10:30 – 11:15 a.m. NIAID and the Global Health Research Agenda: 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. — 12:45 p.m.  
**Lunch**

12:45 — 1:15 p.m.  
**Overview of Rocky Mountain Laboratories**  
*Steve F. Porcella, Ph.D.*  
Chief, Research Technologies Section  
Research Technologies Branch  
Rocky Mountain Laboratories, DIR, NIAID, NIH

1:15 — 2:00 p.m.  
**Biological and Epidemiological Studies of Tick-borne Relapsing Fever Spirochetes**  
*Tom G. Schwan, Ph.D., M.A.*  
Senior Investigator and Lab Chief  
Laboratory of Zoonotic Pathogens, DIR, NIAID, NIH

2:00 — 2:15 p.m.  
**Break**

2:15 — 3:00 p.m.  
**Salmonella — “Mi Casa Es Tu Casa”**  
*Olivia Steele-Mortimer, Ph.D.*  
Chief, Salmonella Host-Cell Interactions Section and Senior Investigator  
Laboratory of Intracellular Parasites  
Rocky Mountain Laboratories, DIR, NIAID, NIH

3:00 — 3:15 p.m.  
**Celebrating a Decade of INRO**  
*Wendy J. Fibison, Ph.D.*  
Associate Director  
OTD, DIR, NIAID, NIH

3:15 — 4:45 p.m.  
**INRO Alumni Panel**

**Moderator:**  *Kim Y. Green, Ph.D.*  
Chief, Caliciviruses Section  
Laboratory of Infectious Diseases  
DIR, NIAID, NIH

**Panelists:**  *Juliana Lewis, INRO 2003*  
*Imran A. Babar, Ph.D., INRO 2004*  
*Sheila N. Bello-Irizarry, INRO 2004*  
*Aleishia Harris-Arnold, INRO 2005*  
*Ravindra Gopaul, INRO 2006*  
*Joseph Lopez, INRO 2007*  
*Rodolfo Silva, INRO 2008*  
*Patricia Kiesler, Ph.D., INRO 2009*  
*Josue Baeza, INRO 2010*  
*Yu-Jin Lee, INRO 2011*  
*José Luis Ramirez, Ph.D., INRO 2012*

5:00 p.m.  
**Bus Departs for Tragara Restaurant**

5:30 — 9:30 p.m.  
**Tragara Restaurant**  
**Evening Program**  
*The Honorable Togo D. West, Jr.*  
Former Secretary of Veterans Affairs and Former Secretary of the Army
<table>
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<tr>
<th>Time</th>
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<td>8:00 a.m.</td>
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<td>A Dynamic Landscape for Antibody-Mediated Neutralization of Flaviviruses</td>
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<td>Ted C. Pierson, Ph.D.</td>
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<td>Senior Investigator, Viral Pathogenesis Section</td>
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<td>Laboratory of Viral Diseases, DIR, NIAID, NIH</td>
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<td>9:45 – 10:30 a.m.</td>
<td>Dengue Vaccine Development—How Close Are We?</td>
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<td>Stephen S. Whitehead, Ph.D.</td>
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<td>Senior Associate Scientist</td>
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<td>10:30 – 10:45 a.m.</td>
<td>Break</td>
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<td>10:45 – 11:30 a.m.</td>
<td>Influenza: The Once and Future Virus</td>
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<td>Jeffery K. Taubenberger, M.D., Ph.D.</td>
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<td>Chief, Viral Pathogenesis and Evolution Section</td>
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<td>11:30 a.m. – 12:15 p.m.</td>
<td>Under the Radar: How West Nile and Tick-borne Encephalitis Viruses Escape Early Immune Responses</td>
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<td>Sonja Best, Ph.D.</td>
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<td>Chief, Innate Immunity and Pathogenesis Unit</td>
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<td>12:15 – 1:00 p.m.</td>
<td>Lunch</td>
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<td>1:00 – 1:10 p.m.</td>
<td>What Is the Research Technologies Branch?</td>
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<td>Robert J. Hohman, Ph.D.</td>
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<td>Chief, Research Technologies Branch</td>
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<td>Associate Director for the Development of Research Technologies</td>
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1:10 — 1:30 p.m. The NIAID Flow Cytometry Section
Kevin L. Holmes, Ph.D.
Chief, Flow Cytometry Section
Research Technologies Branch, DIR, NIAID, NIH

1:30 — 1:50 p.m. Microarray Technology and Applications
Timothy G. Myers, Ph.D.
Head, Genomic Technologies Section
Research Technologies Branch, DIR, NIAID, NIH

1:50 — 2:10 p.m. RTS Technologies, Innovations, and Discoveries
Steve F. Porcella, Ph.D.
Chief, Research Technologies Section
Research Technologies Branch
Rocky Mountain Laboratories, DIR, NIAID, NIH

2:10 — 2:30 p.m. Biological Imaging at NIAID
Owen M. Schwartz, Ph.D.
Head, Biological Imaging Section
Research Technologies Branch, DIR, NIAID, NIH

2:30 — 2:50 p.m. Through the Microscope: Science in Wonderland
Beth Fischer, M.A.
Head, Electron Microscopy Unit
Research Technologies Branch
Rocky Mountain Laboratories, DIR, NIAID, NIH

2:50 — 3:00 p.m. Break

3:00 — 4:40 p.m. Research Technologies Branch Tours

4:40 — 4:50 p.m. Return to Building 50

5:00 p.m. Bus Departs for Bethesda Marriott
Wednesday, February 8, 2012

7:30 a.m.  Bus Departs for Twinbrook III

8:00 — 8:15 a.m.  Twinbrook III, Room 2E06  Breakfast

8:15 — 9:00 a.m.  Role of Saliva in Blood Feeding by Arthropods
José Ribeiro, M.D., Ph.D.
Chief, Vector Biology Section
Laboratory of Malaria and Vector Research, DIR, NIAID, NIH

9:00 — 9:45 a.m.  How Malaria Parasites Get Their Nutrients:
An Achilles’ Heel for Antimalarial Therapy
Sanjay Desai, M.D., Ph.D.
Chief, Apicomplexan Molecular Physiology Section
Laboratory of Malaria and Vector Research, DIR, NIAID, NIH

9:45 — 10:30 a.m.  Unraveling the Mechanisms of Naturally
Acquired Immunity to Malaria
Peter D. Crompton, M.D., M.P.H.
Chief, Malaria Infection Biology and Immunity Unit
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.  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

1:00 — 1:15 p.m.  Genotyping of Orthobunyaviridae and
Toxoplasma gondii Strains
Matthew Hernandez
Postbaccalaureate IRTA
Research Technologies Branch
Rocky Mountain Laboratories, DIR, NIAID, NIH
1:15 – 1:30 p.m. A Randomized Controlled Study To Assess Safety, Tolerability, and Efficacy of PSI-7977 Alone or in Combination With Ribavirin in HCV Genotype 1, Monoinfected Treatment-Naïve Participants
Yu-Jin Lee
Postbaccalaureate IRTA
Laboratory of Immunoregulation, DIR, NIAID, NIH

1:30 – 1:45 p.m. Characterizing the Functional Role of IL13 Receptor Alpha 2
Kezia Addo
Postbaccalaureate IRTA
Laboratory of Parasitic Diseases, DIR, NIAID, NIH

1:45 – 2:00 p.m. Engineering Protective Antigen for Selective Oligomerization
Damilola Phillips
Postbaccalaureate IRTA
Laboratory of Parasitic Diseases, DIR, NIAID, NIH

2:00 – 2:15 p.m. My NIH Experience So Far
Njinda Gisele Choo
Postbaccalaureate IRTA
Laboratory of Malaria Immunology and Vaccinology Vaccinology, DIR, NIAID, NIH

2:15 – 2:30 p.m. Break

2:30 – 3:00 p.m. Dissertation Research at NIAID: A Graduate Student Perspective
Mariel Figueroa, M.S.
Ph.D. Graduate Student
Laboratory of Malaria and Vector Research, DIR, NIAID, NIH

3:00 – 3:30 p.m. Mechanisms of Lactobacillus-Mediated Protection Against Acute Respiratory Virus Infection
Katia E. Garcia-Crespo, Ph.D.
Postdoctoral IRTA
Laboratory of Allergic Diseases, DIR, NIAID, NIH

3:30 – 4:00 p.m. The Importance of Field Research: Hemoglobinopathies and Protection From Severe Malaria in Malian Children
Cameron D. Bess, Ph.D.
Postdoctoral IRTA
Laboratory of Malaria and Vector Research, DIR, NIAID, NIH

4:00 p.m. Bus Departs for Bethesda Marriott
### Thursday, February 9, 2012

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<td>The Forgotten Indispensable Man: Joe Kinyoun and the Birth of NIH</td>
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<td>Speaker: David M. Morens, M.D.</td>
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<td>Senior Advisor to the Director</td>
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<td>Program Evaluation and Trivia Quiz</td>
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<td>Next Steps</td>
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<td>2:00 p.m.</td>
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<td>Adjournment</td>
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<td>Departure to Airports/Hotel</td>
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