Monday, February 3, 2014

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

9:00 – 9:15 a.m. NIH/Building 50, Room 1227 Welcome
Wendy J. Fibison, Ph.D.
Associate Director
Office o 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 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. Preparing for a Career in Biomedical Research
Michael M. Gottesman, M.D.
Deputy Director for Intramural Research
Office of the Direct , 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. – 12:45 p.m. Lunch
12:45 — 1:30 p.m.  
Overview of Rocky Mountain Laboratories  
Stephen F. Porcella, Ph.D.  
Chief, Research Technologies Section  
Research Technologies Branch  
Rocky Mountain Laboratories, DIR, NIAID, NIH

1:30 — 1:45 p.m.  
Making the Most of INRO  
Julia Chang  
M.D. Candidate  
Case Western Reserve University School of Medicine  
INRO 2011  
NIAID Postbaccalaureate IRTA 2011

1:45 — 2:15 p.m.  
To INRO and Beyond  
Josue Baeza  
Ph.D. Student  
University of Wisconsin-Madison  
INRO 2010  
NIAID Summer Intern 2010, Postbaccalaureate IRTA 2011

2:15 — 2:45 p.m.  
Enhancing Autologous Cell Transplantation To Control B16 Melanoma  
Juliana Beth Lewis, Ph.D.  
Postdoctoral Associate  
University of Minnesota-Twin Cities  
INRO 2003  
NIAID Summer Intern 2003, Postbaccalaureate IRTA 2004

2:45 — 3:00 p.m.  
Break

3:00 — 3:30 p.m.  
Looking Into the Microscope of Your Future  
Sheila N. Bello-Irizarry, Ph.D.  
Postdoctoral Fellow  
University of Rochester  
INRO 2004  
NIAID Postbaccalaureate IRTA 2004

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.  
Hybrid Structural Approaches To Study Virus Structure and Epitope Display  
Audray K. Harris, Ph.D.  
Chief, Structural Informatics Unit  
Laboratory of Infectious Diseases, DIR, NIAID, NIH

4:30 p.m.  
Adjourn
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>7:45 — 8:15 a.m.</td>
<td>Bethesda Marriott</td>
<td>Breakfast</td>
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<td>Bethesda Marriott Lobby</td>
<td>NIH Security Clearance</td>
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<td>NIH/Building 50, Room 1227</td>
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<td>9:00 — 9:45 a.m.</td>
<td>NIH/Building 50, Room 1227</td>
<td>Leukocytes, Lymphatics and Leukemia: This Has GATA2 Be Good</td>
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<td>Steven M. Holland, M.D.</td>
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<td>Chief, Laboratory of Clinical Infectious Diseases, DIR, NIAID, NIH</td>
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<td>9:45 — 10:30 a.m.</td>
<td>NIH/Building 50, Room 1227</td>
<td>Lentivector Gene Therapy for Older Children and Young Adults With X-Linked Severe Combined Immune Deficienc</td>
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<td>Harry L. Malech, M.D.</td>
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<td>Chief, Laboratory of Host Defenses, DIR, NIAID, NIH</td>
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<td>Research Technologies in Biomedical Research</td>
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<td>Robert J. Hohman, Ph.D.</td>
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<td>Chief, Research Technologies Branch and Associate Director for the Development of Research Technologies, DIR, NIAID, NIH</td>
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<td>11:00 — 11:30 a.m.</td>
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<td>Advanced Technologies and Support Within the Genomics Unit, RTS, RML</td>
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<td>Stephen F. Porcella, Ph.D.</td>
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<td>Rocky Mountain Laboratories, DIR, NIAID, NIH</td>
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<td>11:30 a.m. — 12:15 p.m.</td>
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<td>Host-Directed Therapy of Tuberculosis</td>
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<td>Alan Sher, Ph.D.</td>
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<td>Chief, Laboratory of Parasitic Diseases, DIR, NIAID, NIH</td>
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<td>12:15 — 1:45 p.m.</td>
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<td>Peer Mentoring Lunch: Learning From Those One Step Ahead</td>
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<td>1:45 — 2:30 p.m.</td>
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<td>Epstein-Barr Virus: From Discovery to Vaccine</td>
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<td>Jeffrey I. Cohen, M.D.</td>
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<td>Chief, Laboratory of Infectious Diseases, DIR, NIAID, NIH</td>
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2:30 — 3:15 p.m.  
Believe What You See or See What You Believe?  
Elizabeth R. Fischer, M.A.  
Facility Head, Electron Microscopy Unit  
Research Technologies Branch  
Rocky Mountain Laboratories, DIR, NIAID, NIH

3:15 — 3:30 p.m.  
Break

3:30 — 4:15 p.m.  
Trafficking in Chemokin  
Philip M. Murphy, M.D.  
Chief  
Laboratory of Molecular Immunology, DIR, NIAID, NIH

4:15 — 5:00 p.m.  
Salmonella — Life Inside Mammalian Host Cells  
Olivia Steele-Mortimer, Ph.D.  
Chief, Salmonella Host-Cell Interactions Section and Senior Investigator  
Laboratory of Intracellular Parasites  
Rocky Mountain Laboratories, DIR, NIAID, NIH

5:00 p.m.  
Adjourn
<table>
<thead>
<tr>
<th>Time</th>
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<th>Session Topic</th>
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<td>Bethesda Marriott Breakfast</td>
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<td>Bus Departs for Fishers Lane Conference Center</td>
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<tr>
<td>8:15 – 9:00 a.m.</td>
<td>5635 Fishers Lane Conference Center — Terrace Level</td>
<td>Opportunities in NIAID’s Laboratory of Malaria and Vector Research</td>
<td>Thomas E. Wellems, M.D., Ph.D.</td>
<td>Chief Laboratory of Malaria and Vector Research, DIR, NIAID, NIH</td>
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<td>9:00 – 9:15 a.m.</td>
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<td>Ticks, Spirochetes, and Huckleberries</td>
<td>Iris Olivas</td>
<td>Postbaccalaureate IRTA Laboratory of Zoonotic Pathogens</td>
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<td>9:15 – 9:30 a.m.</td>
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<td>DOCK8 Regulates Lymphocyte Migration in Dense Tissues</td>
<td>Heardley Moses Murdock</td>
<td>Postbaccalaureate IRTA Laboratory of Host Defenses, DIR, NIAID, NIH</td>
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<td>9:30 – 9:45 a.m.</td>
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<td>The Role of the Chemokine Receptor CX3CR1 on Effector Function of Human Monocytes</td>
<td>Amanda Collar</td>
<td>Postbaccalaureate IRTA Laboratory of Clinical Infectious Diseases, DIR, NIAID, NIH</td>
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<td>9:45 – 10:00 a.m.</td>
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<td>A Plasmodium falciparum Genetic Cross To Investigate Artemisinin Resistance</td>
<td>Viviana A. Meléndez-Muñiz</td>
<td>Postbaccalaureate IRTA Laboratory of Malaria and Vector Research, DIR, NIAID, NIH</td>
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<td>10:00 – 10:15 a.m.</td>
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<td>Modulation of Vaccinia Virus Intermediate Transcription Factor Subunits A8 and A23 by a Destabilizing Domain</td>
<td>James R. Chavre</td>
<td>Postbaccalaureate IRTA Laboratory of Viral Diseases, DIR, NIAID, NIH</td>
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<td>10:15 – 10:30 a.m.</td>
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<td>Combination Oral, Ribavirin-Free, Antiviral Therapy To Optimize Treatment Outcomes for Hepatitis C Virus</td>
<td>Miriam M. Marti</td>
<td>Postbaccalaureate IRTA Laboratory of Immunoregulation, DIR, NIAID, NIH</td>
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<td>10:30 – 10:45 a.m.</td>
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<td>Interview Instructions</td>
<td>Ann Rich</td>
<td>Program Analyst OTD, DIR, NIAID, NIH</td>
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10:45 a.m. — 1:00 p.m.  
Student Interviews/Lunch  
Group A Travel to Interviews  
Group A Interviews; Group B Lunch  
Group B Travel to Interviews  
Group B Interviews; Group A Lunch  
Group B Travel From Interviews  

1:00 — 1:45 p.m.  
Investigating the Human Immune Response to Malaria  
Peter D. Crompton, M.D., M.P.H.  
Investigator  
Laboratory of Immunogenetics, DIR, NIAID, NIH  

1:45 — 2:00 p.m.  
Coccidioidomycosis: Risk Factors and Functional Immunology  
Camila Odio  
Medical Research Scholar  
Laboratory of Clinical Infectious Diseases, DIR, NIAID, NIH  

2:00 — 2:20 p.m.  
From Tryps to Dengue: My Scientific Journe  
April M. Clayton, Ph.D.  
Postdoctoral IRTA  
Laboratory of Viral Diseases, DIR, NIAID, NIH  

2:20 — 2:40 p.m.  
From PostBac to PostDoc! From B Cells to T Cells!  
Maria D. Lopez-Ocasio, Ph.D.  
Postdoctoral IRTA  
Laboratory of Immunology, DIR, NIAID, NIH  

2:40 — 3:00 p.m.  
Break  

3:00 — 3:20 p.m.  
Sexually Dimorphic Immune Responses, Endocrine Function, and Gastrointestinal Microbiota Determine Toxoplasma gondii Severity in Mice  
Dionne P. Robinson, Ph.D.  
Postdoctoral IRTA  
Laboratory of Parasitic Diseases, DIR, NIAID, NIH  

3:20 — 3:40 p.m.  
Toward an Understanding of the Role of Brd4 in the Human Papilloma Virus Replication Cycle  
Caleb C. McKinney, Ph.D.  
Postdoctoral IRTA  
Laboratory of Viral Diseases, DIR, NIAID, NIH
3:40 — 4:00 p.m.  
**Cell Biology of Salmonella Infection**  
Virginia P. Kocieda, Ph.D.  
Postdoctoral IRTA  
Laboratory of Intracellular Parasites, DIR, NIAID, NIH

4:00 — 4:20 p.m.  
**Primed for War: Innate Immune Priming Defines the Outcome of the Mosquito-Malaria Parasites Fight**  
José Luis Ramirez, Ph.D.  
Postdoctoral IRTA  
Laboratory of Malaria and Vector Research, DIR, NIAID, NIH

4:20 p.m.  
**Adjourn**
Thursday, February 6, 2014

7:15 — 7:45 a.m.  Bethesda Marriott  Breakfast

7:45 a.m.  Bethesda Marriott  NIH Security Clearance

8:15 a.m.  Bethesda Marriott  Bus Departs for NIH

8:30 — 9:00 a.m.  NIH/Building 50, Room 1227  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

9:00 — 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.  Travel to Interview I

10:00 — 10:45 a.m.  Interview I

10:45 — 11:15 a.m.  Travel to Interview II

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

Wendy J. Fibison, Ph.D.
Associate Director
OTD, DIR, NIAID, NIH

1:15 — 1:45 p.m.  Next Steps

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.