**OVERALL OBJECTIVES**
- Prepare participants for future international elective experiences or work in low and middle income country settings
- Examine global health issues including health care delivery, policy, disease management and resource allocation
- Recognize, diagnose and manage common illnesses and tropical diseases seen outside the U.S.
- Provide exposure to local health care professionals working in the fields of global health research, policy and clinical care

**SPECIFIC OBJECTIVES**
Each of the following sessions is designed to meet specific objectives of the Global Health Curriculum:

**Monday, March 11**

**Child Survival**
Dr. Troy Jacobs, USAID
- Describe the epidemiology of child morbidity and mortality worldwide and by region
- Identify risk factors for child mortality
- Become aware of international policies/strategies to improve child survival

**Introduction to Global Health Policy**
Dr. Meena Srivastava, USAID
- Gain familiarity with several key global health policies impacting children
- Better characterize pediatric health policy career paths

**Malaria: Interactive e-Module**
Dr. Barbara Jantausch, Children’s National
- Describe the epidemiology of the four main types of malaria
- Explain how to diagnose a pediatric patient with malaria
- Formulate an appropriate treatment regimen for a pediatric patient with malaria
**Tuesday, March 12**

**Sickle Cell Disease: A Global Perspective**  
Dr. Andrew Campbell, Children’s National  
- Describe the Global Burden of SCD in sub-Saharan Africa  
- Describe the Clinical Phenotypic Variability of SCD Worldwide  
- Describe the active SCD Research and other Investigations and within sub-Saharan Africa

**Newborn Survival**  
Dr. Smita Kumar, USAID  
- TBD

**Global Tuberculosis**  
Dr. Nicole Salazar-Austin, Johns Hopkins University  
- Describe the epidemiology of global pediatric TB disease and how this contributes to the diagnosis of clinical TB disease in high burden settings  
- Understand how to evaluate for and make a clinical diagnosis of pediatric TB disease in resource limited and resource rich settings  
- Describe the public health approach to TB prevention and new options for TB preventive therapy

**Global Pediatric HIV: Getting to Zero**  
Dr. Kathy Ferrer, Children’s National  
- Describe the epidemiology of our local and global HIV epidemics  
- Recognize clinical manifestations of HIV  
- Discuss current WHO treatment guidelines for infants, children and adolescents  
- Identify challenges and barriers to implementing an effective treatment program  
- Articulate strategies for global elimination of pediatric HIV

**Case Discussion: Acute Respiratory Infection**  
Dr. Kristen Breslin, Children’s National  
- Develop a differential diagnosis for children presenting with respiratory distress in developing countries  
- Outline the evaluation, diagnosis and management of patients in limited resource settings  
- Describe WHO guidelines for managing acute lower respiratory tract infections in children
Immunizations and Vaccine-Preventable Diseases
Rebecca Fields, MPH, John Snow Inc.
- Understand the current status of vaccine-preventable diseases in the developing world and their impact on childhood illness and mortality
- Know the immunizations that are provided in developing countries and the guidelines of the WHO EPI program
- Recognize successes and current challenges in controlling/eradicating VPDs
- Identify challenges to introducing new vaccines into developing countries

Wednesday, March 13

Case Discussion: Pediatric Tuberculosis
Dr. Chloe Turner, Unity Health Care & Dr. Kalpana Manthiram, NIH
- Recognize the common clinical presentations of TB in children
- Discuss the diagnosis of TB in children in developing countries
- Describe the approach to treatment of pediatric TB in resource limited settings

Pediatric Dermatology in Resource-Limited Settings
Dr. Scott Norton, Children’s National
- List the most prevalent skin conditions in children in developing nations
- Recognize the economic and societal influences on outbreaks of skin diseases
- Identify ways to determine which medications are available for use in resource-poor settings

Immigration as seen from the Border: Stories from the Frontlines
Dr. Marsha Griffin
- Describe the growing magnitude of migration
- Depict the current experiences of immigrant children on the border
- Recognize initiatives to support children and families who have immigrated
- Describe opportunities for local and national collaboration

Emergency Triage Assessment and Treatment (ETAT)
Dr. Kristen Breslin, Children’s National
- Describe the variations in triage seen in the developing world
- Organize children into priority categories in low-resource and tropical settings
- Manage emergency signs according to the World Health Organization ETAT guidelines
- Discuss current evidence on the impact of triage, patient flow, and emergency treatment on early and total hospital mortality rates
**Fever in the Returned Traveler**  
Dr. Dafina Good, Children’s National  
- Learn a systematic approach to evaluating fever in the pediatric returning traveler.  
- Identify important history and exam findings to guide the diagnostic approach.  
- Review some interesting cases of fever in the returned pediatric traveler 4. Review the epidemiology of fever in the returning traveler.

**Thursday, March 14**

**Rheumatic Heart Disease**  
Dr. Meghan Zimmerman Children’s National  
- Recognize acute rheumatic fever and rheumatic heart disease as an important cause of childhood morbidity and mortality.  
- Identify the multiple financial, workforce, and logistical barriers to screening for disease in low-resource settings.  
- Describe how to shape research questions to address public health implementation planning in low-resource settings.

**Nutrition in Global Health**  
TBD

**Malaria in Children**  
Dr. Matt Laurens, University of Maryland  
- Describe the epidemiology and burden of disease of childhood malaria in the world  
- Identify the common clinical presentations of malaria in children, including severe malaria  
- Describe how malaria is diagnosed  
- Identify the current treatment recommendations and issues with drug resistance  
- Identify strategies to prevent malaria in children in endemic areas

**Global Health Professorial Rounds**  
Dr. Scott Norton, Children’s National  
TBD

**Malaria Lab Practicum**  
Dr. Cyril Jacquot, Dr. Ed Wong and CNHS Lab Team  
- Understand the use of thick and thin smear in diagnosing malaria  
- Identify malaria parasites in blood smears
**Case Discussion: Diarrhea and Dehydration**
Dr. Jennifer Chapman, Children’s National
- Know how to assess children with diarrhea and dehydration
- Know the most current guidelines and practice for managing diarrhea and dehydration in the developing world
- Understand how to evaluate, diagnose and manage patients in limited resource settings

**Friday, March 15**

**SUGAR Modules – Prep for International Electives**
Drs. Tiffany Perkins, Tania Ahluwalia and Stacey Trzcinski, Children’s National
- Recognize the presentation and management of common pediatric clinical scenarios
- Identify useful resources and guides for treatment in resource limited settings
- Learn common practical challenges and limitations when working in resource-limited settings
- Consider emotional and ethical challenges when working in resource-limited settings
- Demonstrate how to work in resource-limited settings through active participation in two simulated cases

**Ethics Case Discussion**
Drs. Eiman Abdulrahman, Jennifer Chapman and Kathy Ferrer, Children’s National
- Recognize ethical issues that commonly arise in international volunteer work
- Describe an approach to address ethical problems that are related to volunteer work and patient care in developing countries