EIS CONFERENCE
EPIDEMIC INTELLIGENCE SERVICE
APRIL 28–MAY 1, 2014

At-A-Glance Schedule

- Antimicrobial Use and Resistance
- Environmental Health
- Vaccine Preventable Diseases in the United States
- Chronic Disease Prevention
- Zoonoses
- Tuberculosis
- Vaccine Preventable Diseases Worldwide
- STDs/HIV
- Foodborne Diseases
- Occupational Safety and Health
- Vectorborne and Parasitic Diseases
- Child and Adolescent Health
- Injury Prevention
- Maternal and Child Health
- Global Health
- Health Care
- Respiratory Diseases
- Hepatitis

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention
Monday, April 28, 2014

7:00  Registration Desk Opens

8:15  Welcome and Call to Order ................................................................. Ravinia Ballroom
Moderator: Michael Iademarco, Director, Center for Surveillance, Epidemiology, and Laboratory Services

Presentation of the Stephen B. Thacker EIS Champion Award

8:30  SESSION A: Stephen B. Thacker Opening Session .......................... Ravinia Ballroom
Moderators: Michael Iademarco and Diana Bensyl

8:35  Febrile Illness at a State Correctional Facility—Illinois, 2013. M. Allison Arwady


9:15  The First U.S. Cryptosporidiosis Outbreak Associated with a Surface Water-Supplied Municipal Water System in 20 Years—Baker City, Oregon 2013. Malini DeSilva


9:55  Risk Factors for Influenza A(H7N9) Disease—China, 2013. Fiona Havers

10:15 BREAK

10:45 CONCURRENT SESSION B1: Antimicrobial Use and Resistance .... Ravinia Ballroom
Moderator: Lauri Hicks


11:10  Outpatient Antibiotic Prescribing for Children—United States, 2011. Alicia Demirjian


10:45 CONCURRENT SESSION B2: Environmental Health .................. Dunwoody Suite
Moderator: Judith R. Qualters


11:50  Acute Hepatitis and Liver Failure of Unknown Etiology—United States, 2013. Kevin Chatham-Stephens

12:10–1:30 LUNCH

12:10–1:30 SPECIAL SESSION: Novel Viruses/Pandemic Threats:
Influenza and MERS Coronavirus ................................................................. Dunwoody Suite
Moderator: Stephen Redd
Speakers: Joe Bresee, Sue Gerber, and David L. Swerdlow
1:30–2:45 POSTER SYMPOSIUM I ................................................................. Ravinia Ballroom
Moderator: Pattie Simone
During the first 30 minutes of the Poster Symposium, the authors will each give a 2-minute oral presentation at the podium in front of a seated audience. During the remaining time, the audience is encouraged to view the individual posters and engage in direct discussion with the authors.

P1.1 Vaccine-Preventable Diseases Among Fatal Cases of Hospitalized Acute Respiratory Infection—Guatemala, 2000–2013. Sara Tomczyk

P1.2 Mexican-Born Legal Immigrants with Tuberculosis Classifications Using Electronic Disease Notification Database, 2009–2012. Jessica Adam


P1.6 Epidemiology of Reported Malaria Cases—Maryland, 2007–2012. David Schnabel

P1.7 Investigating the Sensitivity and Specificity of an Alternative Surveillance Case Definition for Monkeypox—The Democratic Republic of Congo (DRC), 2010–2013. Lynda Osadebe

P1.8 Human Salmonella Typhimurium Infections Linked with Exposure to Live Poultry from Agricultural Feed Stores and Mail-Order Hatcheries—United States, 2013. Tara Anderson

P1.9 Evaluation of a Stillbirth Surveillance Program—Iowa, 2010. Samir Koirala

P1.10 Two Fish, One Fish: Decreasing Number of Outbreaks Attributed to Fish—United States, 1998–2011. Jolene Nakao

P1.11 Using Media Reports to Track Deaths, Hurricane Sandy, 2012. Olaniyi Olayinka

P1.12 Detection of Infectious Disease Outbreaks at an Outdoor Mass Gathering—West Virginia, 2013. Erica Thomasson

2:45 BREAK

3:00 CONCURRENT SESSION C1: Vaccine Preventable Diseases in the United States .......... Ravinia Ballroom
Moderator: Jane Seward

3:05 First Use of a Novel Serogroup B Meningococcal Vaccine in the U.S. in Response to a Large Outbreak at a University—New Jersey, 2013. Lucy McNamara


3:45 Cost of Measles Case Containment in an Ambulatory Pediatric Clinic—King County, Washington, 2013. Kristen Wendorf

4:05 Effect of Rotavirus Vaccines on Diarrhea-Associated Hospitalizations in U.S. Children <5 Years of Age, 2007–2011. Eyal Leshem

3:10 CONCURRENT SESSION C2: Chronic Disease Prevention ................................................... Dunwoody Suite
Moderator: Peter Briss

3:05 Do Individual-Level and Area-Based Poverty Measure the Same Thing? Association of Poverty Measures with Self-Reported Health Outcomes—New York City, 2012. Kari Yacisin

3:25 Smoking Cessation Among Users of Telephone and Web-Based Interventions. Mary Puckett

3:45 Trends in Exposure to Pro-Tobacco Advertisements via the Internet, Newspapers or Magazines, and Retail Stores Among U.S. Middle and High School Students, 2000–2012. Israel Agaku


4:30 EIS CONFERENCE SOCIAL (CASH BAR)
Sponsored by the EIS Alumni Association ................................................. Ravinia Ballroom Pre-Function Area
Tuesday, April 29, 2014

8:30  CONCURRENT SESSION D1: Zoonoses ................................................................. Ravinia Ballroom
Moderators: Jennifer McQuiston and David Wong
8:35  Variation in Tularemia Clinical Presentation—Arkansas, 2009–2012. Laura Lester
8:55  Contact Investigation of Melioidosis Cases Reveals Regional Endemicity—Puerto Rico, 2010 and 2012. Thomas Doker

8:30  CONCURRENT SESSION D2: Tuberculosis .......................................................... Dunwoody Suite
Moderator: Philip LoBue
8:35  Tuberculosis and Excess Alcohol Use in the United States, 1997–2012. Tyson Volkmann

10:15 BREAK

10:45  CONCURRENT SESSION EI: Injury Prevention ......................................................... Ravinia Ballroom
Moderator: Ileana Arias
11:30  Injuries Among High School Football Players—Nebraska, Fall 2013. Deborah Hastings
11:50  Do Children in Domestic Servitude Experience More Violence?—Results from the Violence Against Children Survey, Haiti, 2012. Leah Gilbert

10:45  CONCURRENT SESSION E2: STDs/HIV .............................................................. Dunwoody Suite
Moderators: Gail Bolan and Ken Castro
10:50  Is Vaccine Type Seropositivity a Marker for Human Papillomavirus Vaccination?—Results from the National Health and Nutrition Examination Survey, 2003–2010. Emiko Petrosky
11:10  Erectile Dysfunction Medication Use Associated with Sex without a Condom in HIV-Infected Men Who Have Sex with Men—Medical Monitoring Project, United States, 2009. Xia Lin

12:10 LUNCH

12:10–1:30 SPECIAL SESSION: Creative Solutions for Outbreak Data Management and Contact Tracing with Epi Info*: Viral Hemorrhagic Fever Outbreaks and Beyond ................. Ravinia Ballroom
Moderator: Barbara Knust
Speakers: Ilana Schafer, Erik Knudsen, and Asad Islam
1:30–2:45  POSTER SYMPOSIUM II ................................................................. Dunwoody Suite
Moderator: Fred Angulo

During the first 30 minutes of the Poster Symposium, the authors will each give a 2-minute oral presentation
at the podium in front of a seated audience. During the remaining time, the audience is encouraged to view
the individual posters and engage in direct discussion with the authors.

P2.1  Fungemia Outbreak Among Injection-Drug Users—Lane County, Oregon, 2012–2013. Kara Levri
P2.2  A Cluster of Cryptococcus neoformans Infections at a Community Hospital—Arkansas, 2013.
Snigdha Vallabhaneni
P2.3  University-Based Gastrointestinal Illness Outbreak Caused by Dual Pathogens—Tennessee, 2013.
Joshua Clayton
P2.4  Rapid Identification of Prepackaged, Ready-to-Eat Salads Associated with an Outbreak of
Escherichia coli O157:H7 Infections—Multiple States, 2013. Patrick Ayscue
P2.5  Acute Gastroenteritis Among Seminar Attendees After a Catered Lunch—Washington, DC, 2013.
Sasha McGee
Mariana Rosenthal
P2.7  Reported Reasons for Testing Among Hepatitis B Virus-Infected Patients—Chronic Hepatitis
P2.8  Mortality Risk After Opportunistic Illness Diagnoses Among HIV-infected Persons—San Francisco,
P2.9  Delayed Diagnosis of Multidrug-Resistant Tuberculosis and the Resulting Outbreak—Sheboygan,
Wisconsin, 2012–2013. Abbey Canon
Kelsey Mirkovic
Alison Ridpath
Joseph Forrester

2:45  BREAK

3:00  CONCURRENT SESSION F1: Foodborne Diseases ........................................... Ravinia Ballroom
Moderators: Ian Williams and Barbara Mahon

Mary Choi
Laura Adams
3:45  Distinct Epidemiologic Patterns of Foodborne versus Person-to-Person Norovirus Outbreaks in the
4:05  Multistate Outbreak of Multidrug-Resistant Salmonella Heidelberg Infections Linked to Foster
Farms Brand Chicken—United States, 2013. Jolene Nakao
4:25  Outbreaks of Cyclosporiasis—United States, June–August 2013. R. Reid Harvey
4:45  Human Escherichia coli O121 Infections Linked to Multiple Frozen Snack Foods—United States,
2013. Tara Anderson

3:00  CONCURRENT SESSION F2: Occupational Safety and Health ............................. Dunwoody Suite
Moderator: RADM Boris Lushniak, Acting Surgeon General of the United States

3:05  Analysis of Injuries and Illnesses Among American Red Cross* Responders—United States,
3:25  Occupational Hazardous Substance Exposure Surveillance Using Poison Center Data—Wisconsin,


6:00  PREDICTION RUN ............................................................. Murphey Candler Park

Self–transport to venue; carpooling is encouraged.

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**Wednesday, April 30, 2014**

8:30  **CONCURRENT SESSION G1: Vectorborne and Parasitic Diseases** ......................... Ravinia Ballroom

8:30  **CONCURRENT SESSION G2: Child and Adolescent Health** ............................... Dunwoody Suite

8:30  **CONCURRENT SESSION H1: Vaccine Preventable Diseases Worldwide** ............... Ravinia Ballroom

8:30  **CONCURRENT SESSION H2: Vaccine Preventable Diseases in the United States** .... Ravinia Ballroom

8:30  **CONCURRENT SESSION I: Emerging Infections** ........................................... Murphey Candler Park

8:30  **CONCURRENT SESSION J: Public Health Preparedness** ................................. Murphey Candler Park

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8:30  **CONCURRENT SESSION G1: Vectorborne and Parasitic Diseases** ......................... Ravinia Ballroom

8:35  First Chikungunya Outbreak in Micronesia—Yap State, Federated States of Micronesia, 2013. Daniel Pastula

8:55  Dengue Outbreak—Mombasa, Kenya, 2013. Esther Ellis


9:35  Atovaquone-Proguanil-Resistant Malaria in Two Travelers Returning from the Same Site—Nigeria, 2012–2013. Mateusz Plucinski


8:30  **CONCURRENT SESSION G2: Child and Adolescent Health** ............................... Dunwoody Suite

8:35  Scabies and Bacterial Superinfection Among Children—American Samoa, 2011. Laura Edison


9:55  Adolescent Substance Use and the Association with a School-Based Socioeconomic Measure—Washington State, 2012. Mandy Stahre

10:15  **BREAK**

10:45  **CONCURRENT SESSION H1: Vaccine Preventable Diseases Worldwide** ............... Ravinia Ballroom


11:30  Detecting the Reemergence of Wild Poliovirus Type 1 in Syria Through an Early Warning Alert and Response Network, July–October 2013. Miriam Shiferaw

11:50  Diphtheria Outbreak in Lao Peoples Democratic Republic (PDR) 2012–2013: A Failure of Routine Immunization. Carolyn Sein
10:45 CONCURRENT SESSION H2: Maternal and Child Health ................................. Dunwoody Suite
Moderator: Wanda Barfield
11:30 Vitamin K Deficiency Bleeding in Infants Not Receiving Vitamin K Prophylaxis—Tennessee, 2013. Lauren Marcewicz

12:10 LUNCH

12:10–1:30 SPECIAL SESSION: EIS—Challenges and Opportunities in Epidemiology Training ... Dunwoody Suite
Moderator: Mary Kamb
Speakers: David L. Swerdlow, Tim Jones, Laurene Mascola, and Diana Bensyl

1:30 CONCURRENT SESSION I1: Global Health .......................................................... Ravinia Ballroom
Moderators: Jordan Tappero and Rob Tauxe
1:35 Where's the TB? Understanding Low TB Case Notification Rates—Haiti, 2013. Stephanie Salyer
1:55 Challenges in Detecting Malaria Outbreaks in an Epidemic-Prone Region—Kuando Kubango Province, Angola, 2013. Magdalena Paczkowski
2:35 Ceramic Water Filters and Reducing the Burden of Diarrheal Disease in Infants—Western Kenya, 2013. Jamae Morris
2:55 Integrating Water Treatment into Antenatal Care: Impact on Use of Reproductive Health Services and Household Water Treatment by Pregnant Women—Uganda, 2013. Almea Matanock
3:15 Use of Capture–Recapture Methodology To Characterize Neonatal Mortality Rates in Farchana Refugee Camp—Chad, 2013. Rachel Idowu

1:30 CONCURRENT SESSION I2: Health Care ............................................................ Dunwoody Suite
Moderators: Joseph Perz and Marion Kainer
1:55 Peripheral Joint Infections Associated with Contaminated Preservative-Free Methylprednisolone Acetate Injections—Michigan, October 2012–October 2013. Mawuli Nyaku

3:35 BREAK
Moderators: Pattie Simone and Denise Koo
Speaker: Martin-J. Sepúlveda, MD, FACP: EIS in an Era of Data, Technology and Urban Transformations

Presentation of Awards
- Alexander D. Langmuir Prize Manuscript Award
- Distinguished Friend of EIS Award

This event is cosponsored by the EIS Alumni Association and the Center for Surveillance, Epidemiology, and Laboratory Services.

5:30  EIS ALUMNI ASSOCIATION MEETING ................................................................. Dunwoody Suite

5:30–10:00  SESSION K: International Night ................................................................. Ravinia Ballroom
5:30  Poster Presentations
6:45  Photo Contest

7:30–10:00  Oral Presentations and Awards
See supplement for complete list of presenters and abstracts.

7:45  Reemergence of Rabies on an Island Nation: A Once in a Lifetime Event, or an Indication of more to come? Ryan Wallace

International Night is cosponsored by the Center for Global Health (CGH)/Division of Global Health Protection (DGHP) and the Training Programs in Epidemiology and Public Health Interventions Network (TEPHINET). The posters and presentations featured during International Night are from participants in international programs in applied field epidemiology similar to that of EIS. Some of the programs are sponsored by or partnered with CDC and some are independent. All conference attendees are invited to these sessions.

Thursday, May 1, 2014

8:30  SESSION L: Donald C. Mackel Memorial Award Finalists ....................................... Ravinia Ballroom
Moderators: Steve Monroe and Rachel Kaufmann


8:55  Hospital-Associated Outbreak of Middle East Respiratory Syndrome Coronavirus (MERS-CoV)—Jordan, 2012. Brian Rha


9:55  Two Cattle Herdsmen Infected with a Novel Species of Orthopoxvirus—Georgia (Country), 2013. Neil Vora

10:15  BREAK

10:45  SESSION M: J. Virgil Peavy Memorial Award Finalists ........................................... Ravinia Ballroom
Moderator: Drew Baughman


11:10  Stevens-Johnson Syndrome Associated with Mycoplasma pneumoniae Infection—Colorado, 2013. Louise Francois Watkins

11:30  Prevalence Assessment of Nodding Syndrome—Uganda, 2013. Preetha Iyengar


12:10  LUNCH
12:10–1:30   SPECIAL SESSION: Syria Crisis: Epidemiology of Civil War and Refugee Crisis       Dunwoody Suite
Moderator: Jordan Tappero
Speakers: Mike Gerber, Muireann Brenan, Alison Ridpath, and Allison Walker

1:30      CONCURRENT SESSION N1: Respiratory Diseases  Ravinia Ballroom
Moderators: Cyndy Whitney and Seema Jain
1:35 Legionnaire’s Disease Outbreak Associated with a Cooling Tower at a Long-Term-Care Facility—Ohio, 2013. Celia Quinn
2:35 Rapid Urine Antigen Testing for Streptococcus pneumoniae in Adults with Community-Acquired Pneumonia: Clinical Use and Barriers. Aaron Harris

1:30      CONCURRENT SESSION N2: Hepatitis Dunwoody Suite
Moderator: Deborah Holtzman
1:35 Hepatitis A Outbreak Associated with Consumption of Imported Pomegranate Arils—Multiple Western U.S. States, 2013. Erin Epson
2:35 Health Care-Associated Hepatitis C Virus Outbreak in a Skilled Care Facility—North Dakota, 2013. Dinorah Calles

3:15 BREAK
3:30 Presentation of Awards  Ravinia Ballroom
Moderator: Diana Bensyl
• Donald C. Mackel Memorial Award
• J. Virgil Peavy Memorial Award
• Paul C. Schnitzer International Health Award
• James H. Steele Veterinary Public Health Award
• Outstanding Poster Presentation Award

3:45 Session O: Late-Breaking Reports  Ravinia Ballroom
3:45–5:10 See supplement for presenters and abstracts.
Moderators: Kevin Vagi and Tracie Gardner

5:10 Closing Remarks and Adjournment  Ravinia Ballroom
Thomas R. Frieden, Director, Centers for Disease Control and Prevention
Tracie Gardner, Scientific Program Committee Chair

POSTCONFERENCE ACTIVITY
7:30 EIS Satiric Revue  Ravinia Ballroom
Presentation of Philip S. Brachman Award