

Jennifer Diane Stowell
204 Heaton Park Drive
Decatur, GA 30030
Email: jennifer.stowell@emory.edu
Phone: 404-983-8335

EDUCATION

MPH, Rollins School of Public Health, Emory University, Atlanta, GA

Department of Environmental Health

GPA: 3.94

Degree expected: May 2015

Coursework focused on remote sensing, GIS, epidemiology, biostatistics, and spatial analysis.

B.S., Brigham Young University, Provo, UT

Major: Geography

GPA: 3.76

Degree received: August 2008

Coursework for degree focused on geographic information systems, physical geography, cultural geography, maps and aerial photography, and geography of climates. Additional post baccalaureate coursework completed in environmental hazards, environmental determinants of disease, chemistry, calculus, calculus-based physics, and associated labs.

WORK EXPERIENCE

Rollins School of Public Health, Emory University, Atlanta, GA

Environmental Remote Sensing Group

Department of Environmental Health, October 2013 to Present

Supervisor: Dr. Yang Liu

Currently training and developing skills in remote sensing and GIS in preparation for thesis work.

Centers for Disease Control and Prevention, Atlanta, GA

Epidemiology Research Fellow/Program Analyst, Oak Ridge Institute for Science and Education

CDC/ONDIEH/NCBDDD/Prevention Branch, October 2008 to April 2014

Supervisors: Dr. Michael J. Cannon and Dr. Sheila Dollard

Served as a researcher and study manager on a team with primary research involving congenital CMV prevention and health communication research. Areas focusing on epidemiology of at-risk populations, transmission risk, health communications, prevention, IRB and laboratory protocols. Co-Investigator of IRB protocol 6073, "Cytomegalovirus (CMV) Home Shedding Study". I contributed significantly to the content, structure, design, and submission process of the protocol. Significant contributions to protocol development, laboratory coordination, database management, recruitment, specimen processing and training field workers.

Co-Investigator of IRB protocol 5674, "Human Cytomegalovirus (CMV) Persistence on Hands and the Effectiveness of Common Hand Washing Agents to Remove CMV from Hands". I contributed significantly to structure, content and design; as well as submission process. During this stage, my roles included: contributing to weekly team meetings, human subject recruitment involving development of advertising, and extensive literature reviews on CMV survival, handwashing efficacy, handwashing procedure protocols, and antimicrobial use. Further responsibilities included coordinating study dates and lab responsibilities, aiding in specimen collection, instructions to and acquiring proper consent from participants, data analysis, and primary manuscript authorship.

Primary author on an invited review regarding congenital CMV treatment and prevention. I was primarily responsible for the literature review, content, and organization of publication. The review was selected as the editor's choice for the journal and was featured on the cover of Contemporary Pediatrics.

POSTERS & PRESENTATIONS

2012 4th International Congenital CMV Conference, October 2012.

Poster presentation, "Cytomegalovirus Shedding in Multiple Bodily Fluids of Healthy Young Children and Mothers".

2010 3rd International Congenital CMV Conference, Paris, France, November 2010.

Abstract selected for oral presentation, "Human Cytomegalovirus (CMV) Persistence on Hands and Effectiveness of Common Handwashing Agents to Remove CMV from Hands".

2010 3rd International Congenital CMV Conference, Paris, France, November 2010.

Abstract selected for oral presentation, "CMV Survival on Environmental Objects: Opportunities for Viral Transmission".

Branch presentation, ONDIEH/NCBDDD/Prevention Branch, CDC, November 2010

Presented plans for CMV Home Shedding Study.

Division Seminar, NCIRD/DVD, September 2010

Presented results of the two related studies, "Cytomegalovirus Survival on Common Environmental Surfaces: Opportunities for Viral Transmission" and "Human Cytomegalovirus (CMV) Persistence on Hands and the Effectiveness of Common Handwashing Agents to Remove CMV from Hands".

Clinical Virology Symposium, Daytona Beach, FL, April 2010

Presented a poster "Cytomegalovirus Survival on Common Environmental Surfaces: Opportunities for Viral Transmission"

Branch presentation, NCIRD/DVD/Epidemiology Branch, CDC. March 2009

"Study Protocol: Human Cytomegalovirus (CMV) Persistence on Hands and the Effectiveness of Common Handwashing Agents to Remove CMV from Hands."

PUBLICATIONS

Stowell, Jennifer D., Forlin-Passoni, D., and Cannon, M. "Congenital Cytomegalovirus Treatment and Prevention." Contemporary Pediatrics, May 2010.

Stowell, Jennifer D., Forlin-Passoni, D., Din, E., Radford, K., Brown, D., White, A., Bate, S., Dollard, S., Bialek, S., Cannon, M., Schmid, S. "Cytomegalovirus Survival on Common Environmental Surfaces: Opportunities for Viral Transmission." Journal of Infectious Diseases, January 2012.

Stowell, Jennifer D., Forlin-Passoni, D., Din, E., Radford, K., Brown, D., White, A., Dollard, S., Bialek, S., Cannon, M., Schmid, S. "Human Cytomegalovirus (CMV) Persistence on Hands and Effectiveness of Common Hand Washing Agents to Remove CMV from Live Hands." Applied and Environmental Microbiology, January 2014.

Stowell, Jennifer D., Mask, K., Amin, M., Clark, R., Levis, D., Hendley, W., Lanzieri, T., Dollard, S., Cannon, M. (in review) "Cytomegalovirus Shedding in Multiple Bodily Fluids of Healthy Young Children and Mothers".

Cannon, M., Stowell, Jennifer D., Clark, R., Johnson, D., Mask, K., Smith, C., Wu, K., Dollard, P., Schmid, S., Dollard, S., (in review) "Cytomegalovirus Shedding in Urine and Saliva of Children 0-3yrs: A Longitudinal 12-week Follow-up."

Levis, D., Kilgo, C., Stowell, Jennifer D., Clark, R., Johnson, D., Mask, K., Smith, C., Cannon, M., (forthcoming 2014) "Message Testing and Evaluation for Congenital Cytomegalovirus Prevention: A Twelve Week Evaluation."

Amin, Minal, Stowell, Jennifer D., Hendley, W., Schmid, S., Cannon, M., Dollard, S., (forthcoming 2014) "Cytomegalovirus in the Home Environment of Shedding and Non-Shedding Young Children (0-3yrs)."

COMMUNITY SERVICE

Treasurer, Druid Hills Middle School PTSA, Decatur, GA

December 2011 to June 2014. Handle tracking and coordination of all funds for the PTSA at Druid Hills Middle School. Prepare monthly balance reports to present to the PTSA board, PTSA body, and the school principal. Responsible for all accounts payable and receivable. Handle the awarding of teacher and student enrichment grants.

Children's Sunday School Coordinator, Decatur, GA

November 2009 to November 2012. Served on a board in charge of coordinating weekly Sunday School classes and programs for children ages 18 months to 12 years of age. Responsibilities include managing core teachers, coordinating music programs, planning regular activities, and charitable services as needed.

2009, 2010, & 2011 CMV Awareness Walk-N-Rollathon, Atlanta, GA

Volunteer Co-Organizer, November 2008 to Present. Planned and promoted the 2009, 2010, and 2011 CMV Awareness Walk-N-Rollathons for the Atlanta chapter of the Brendan B. McGinnis Congenital Cytomegalovirus Foundation. Coordinated speeches and other walk-day activities, contacted organizations for publicity and advertising, served as Atlanta liaison for foundation president.

Young Women's Youth Group, Edmond, OK

President, June 2002 to June 2005. Led youth organization consisting of girls ages 12-18, overseeing a staff of youth leaders, all administrative aspects, and events in the organization. I rejuvenated the youth organization after a prolonged absence of previous leadership by implementing adjustments to the leadership team, emphasizing youth development. I prepared and presented weekly instruction and led weekly activities to reinforce application.

PROFESSIONAL DEVELOPMENT

May 7 & 8, 2009: CDC University Course, "Epi Info 3.3.2."

April 28, 2009: CDC University Course, "Social Marketing Introduction."

April 6 & 7, 2009: CDC University Course, "Microsoft Access Level 2."

March 11 & 12, 2009: CDC University Course, "Applied Audience Segmentation and Profiling."

PROFESSIONAL REFERENCES

Dr. Yang Liu, Assistant Professor
Emory University, Rollins School of Public Health
Department of Environmental Health
1518 Clifton Road NE, CNR 2301
Atlanta, GA 30322
(404)727-2131
Fax: (404)727-8744
yang.liu@emory.edu

Dr. Michael J. Cannon, Epidemiologist
Prevention Research Branch
National Center on Birth Defects and Developmental Disabilities
Centers for Disease Control and Prevention
1600 Clifton Road NE, MS E-86
Atlanta, GA 30333
(404) 498-6722
Fax: (404) 498-0792
mcannon@cdc.gov

Dr. Kimberlee Elmore, Medical Geographer
Quantitative Sciences & Data Management Branch
National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention
Centers for Disease Control and Prevention
1600 Clifton Rd NE, MS E-48
Atlanta, GA 30333
(404) 639-8719
Fax: (404) 639-8642
kelmore@cdc.gov

Dr. Sheila Dollard, Microbiologist
Division of Viral Diseases
National Center for Immunization and Respiratory Disease
Centers for Disease Control and Prevention
1600 Clifton Road NE, MS G-18
Atlanta, GA 30333
(404) 639-2178
Fax: (404) 639-4056
sdollard@cdc.gov

Dr. Scott Schmid, Microbiologist
Division of Viral Diseases
National Center for Immunization and Respiratory Disease
Centers for Disease Control and Prevention
1600 Clifton Road NE, MS G-18
Atlanta, GA 30333
(404) 639-0066
Fax: (404) 639-4056
dss1@cdc.gov