

CURRICULUM VITAE

Elizabeth M. Chmielewski-Yee, PhD, MPH

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EDUCATION:

Doctor of Philosophy – International Health, Global Disease Epidemiology and Control Program,
May 2018

Johns Hopkins Bloomberg School of Public Health/ Baltimore, MD

Dissertation: “Evaluating the impact of meningococcal disease outbreaks on universities and local, state, and federal public health authorities.”

Phi Beta Kappa Honor Society

Certificate in Vaccine Science and Policy

Master of Public Health – Epidemiology Concentration, 2012

Johns Hopkins Bloomberg School of Public Health/ Baltimore, MD

Delta Omega Honor Society – Alpha Chapter

Bachelor of Science in Biology, *Summa cum laude*, Minors: Mathematics and Spanish, 2007

Messiah College/ Grantham, PA

Messiah College Honors Program

2004-2005 Merit Award for the Class of 2007 (One student in each class at Messiah College is given this award annually)

Study Abroad in Ecuador, 2005

University of San Francisco/Quito, Ecuador

TEACHING EXPERIENCE:

Assistant Professor of Instruction, 2018 to present

Temple University College of Public Health, Philadelphia, PA

Teaching Assistant for Vaccine Development and Application Course, Term 2 2015

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Revised and updated course presentations, coordinated with faculty presenters
- Addressed student questions and held office hours
- Created and graded quizzes and written exams

Teaching Assistant for Public Health Practice Course, Term 2 2014, Term 4 2014, Term 2 2013

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Graded written assignments such as policy memos and summaries of community meetings
- Organized course plus site and assisted in document and assignment revisions
- Provided course support such as answering student emails and tracking student attendance
- Served as head TA for Term 4 2014, which involved coordinating responsibilities with other TAs

Grading Teaching Assistant for MPH Ethics Course, Summer 2014

- Graded 140 written response ethics quizzes in one weekend
- Participated in grade standardization activities with other grading TA and head TA

Online Writing Coach, September 2010 to May 2013

University of Maryland University College/ Online

- Provided writing instruction and support to graduate business students in introductory online courses
- Reviewed student drafts and created instructional writing tips to improve student writing performance

English Teacher, August 2007 to February 2008

Mennonite Central Committee/ India

- Taught English classes to 70 nursing students of various levels
- Created lesson plans, exams, and assignments

Biology Teacher, Summer 2006

Breakthrough Collaborative/Boca Raton, FL

- Taught Biology to middle school students for six weeks
- Designed and implemented curriculum, exams, and projects
- Conducted laboratory activities

Supplemental Instruction Leader, Spring semester 2006

Messiah College/Grantham, PA

- Planned and led group study sessions for first-year nursing majors in Chemical Science II
- Created mock exams to assist students in test preparation

RESEARCH AND PROFESSIONAL EXPERIENCE:

Consultant/ Rapporteur, 2015 to present

World Health Organization, Geneva, Switzerland

- Wrote minutes for SAGE preparatory teleconferences
- Drafted report of face-to-face meetings of the SAGE working group on maternal and neonatal tetanus elimination, wrote minutes for meetings and teleconferences of working group
- Conducted gray literature search on administering multiple injectable vaccines to infants, including the non-inferiority of giving injections in the same limb vs. different limbs and the basis for giving two injections 2.5 cm apart. Was published as part of systematic review in Journal of Infectious Diseases, “Administering multiple injectable vaccines during a single visit – Summary of findings from accelerated introduction of inactivated polio vaccine globally.”

PhD Thesis Research, 2015 to 2018

Dan Salmon, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Conducted mixed methods study to examine the experience and costs of managing an outbreak of serogroup B meningococcal disease on three university campuses
- Developed interview guide, managed IRB approval process, and consented study participants
- Conducted 69 in-depth interviews
- Analyzed qualitative and quantitative data
- Liaised with local collaborators in universities and public health agencies

Research Associate, 2015 to 2016

Dan Salmon, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Conducted systematic review on safety of multi-dose vials compared to single-dose vials of vaccine, including developing protocol, literature search strategy, and data abstraction tool
- Trained and supervised student worker in completing data abstraction and ensured data quality
- Wrote report and presented results to funder

Research Analyst, 2013 to 2015

International Vaccine Access Center, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Developed a method to calculate socioeconomic status for PERCH analyses
- Coded measurement of wealth in SAS
- Presented and communicated methods and results to study team members and study sites

Policy Intern for the Strategic Advisory Group of Experts on Immunization (SAGE), September to December 2014 (3 months)

World Health Organization Headquarters, Geneva, Switzerland

- Worked in the Department of Immunization, Vaccines, and Biologicals
- Drafted WHO vaccine position papers for Meningococcal A vaccine update (Meningococcal A conjugate vaccine: updated guidance, February 2015. Weekly epidemiological record. 2015; 90 (8): 57-68) and Hepatitis E vaccine (Hepatitis E vaccine: WHO position paper, May 2015. Weekly epidemiological record. 2015; 90 (18): 185-200)
- Constructed GRADE tables for the Meningococcal A vaccine paper update
- Assisted with preparation for the October 2014 SAGE meeting

Research Associate, 2012 to 2013

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

International Vaccine Access Center (IVAC)

- Worked with PERCH study to calculate socioeconomic status for PERCH analyses

Center for Immunization Research (CIR)

- Performed activities relating to clinical vaccine trial coordination such as recruiting, obtaining informed consent, and communicating with study volunteers. Assisted with screening days, vaccination days, and check in at study visits.
- Initiated and coordinated a study to examine recruitment processes.

Institute for Vaccine Safety (IVS)

- Conducted various activities related to coordinating research projects including submitting IRB reports and writing reports to sponsors.
- Conducted descriptive data analysis using Stata.

MPH Capstone Research, 2011-2012

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Collaborated with Anne Arundel County Health Department to conduct a school-level, secondary data analysis to examine the relationship between vaccine coverage and attendance during flu season in county elementary schools from 2006 to 2011 (2009-10 excluded)
- Concluded that there was a small but significant increase in attendance during flu season with increasing vaccine coverage: for all years combined, for every 20% increase in coverage, there was an absolute increase in attendance rate during the influenza transmission period of 0.3% (95% CI 0.1 to 0.5, p-value 0.002).

Public Health Laboratory Scientist, 2010 to 2011

State of Maryland Laboratories Administration Newborn Screening Division/ Baltimore, MD

- Performed screening of infants for metabolic disorders using tandem mass spectrometry

Program Assistant / Educator, 2007 to 2009

Mennonite Central Committee, Ranchi, India

- Served cross-culturally in Mennonite Christian Service Fellowship of India (MCSFI), a small faith-based development organization
- Created and conducted a one day HIV/AIDS awareness training program, Wrote project proposals and reports, and Administered a vocational training scholarship program

PUBLICATIONS:

Journal Articles

Dolan SB, Patel M, Hampton LM, Burnett E, Ehlman DC, Garon J, Cloessner E, **Chmielewski E**, Hyde TB, Mantel C, and Wallace AS. Administering multiple injectable vaccines during a single visit – Summary of findings from the accelerated introduction of inactivated polio vaccine globally. *Journal of Infectious Diseases*. 2017; 216 (suppl_1): S152-S160. Doi: 10.1093/infdis/jix054.

Book Chapter/ Conference Publication

Davis EB, **Chmielewski EM**. Galileo and the Garden of Eden: Historical Reflections on Creationist Hermeneutics. In: *Nature and Scripture in the Abrahamic Religions: 1700-Present*. Edited by van der Meer JM and Mandelbrote SH. Leiden and Boston: Brill Academic Publishers, vol. 2, 2008; 437-64.

PROFESSIONAL AND VOLUNTEER ACTIVITIES:

Health Network for Asia Pacific (HNAP) Vice President of Professional Relations, 2013-14

- Planned a networking event for students interested in the Asia Pacific region
- Liaised with students, alumni, academic departments/centers, and community organizations

MERIT College Counselor, 2012 to 2013

- Guided Baltimore city high school students in the MERIT program through the college application and financial aid process as part of a team of volunteers

Connection Community Consultant Team Leader, 2011

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Case study project with the Coalition to End Childhood Lead Poisoning to highlight the impact of home improvement interventions to reduce asthma symptoms in Baltimore city children

HIV/AIDS Education Project Volunteer, 2011 to 2012

- Assisted in educating youth and young adults in Baltimore city about HIV/AIDS