

Stephanie L. Schauer

PROFESSIONAL EXPERIENCE

Professional

Nov. 2015-
Present

WISCONSIN DEPARTMENT OF HEALTH SERVICES
Madison, WI
Immunization Program Manager
Wisconsin Immunization Program

- Oversees the progress towards goals and objectives of the Wisconsin Immunization Program and the Wisconsin Immunization Registry
- Directs immunization program policies and procedures and ensures compliance with CDC program requirements
- Ensures compliance with all federal grant requirements
- Provides overall supervision and oversight for 30 individuals (9 direct reports)
- Principal Investigator for the Immunizations and Vaccines for Children Cooperative Agreement with the Centers for Disease Control and Prevention, worth approximately \$5.2 million/year
- Principal Investigator for six supplemental funding/grants for the Immunization program, totaling approximately \$3.5 million

Nov. 2012-
Sept. 2015

WISCONSIN DEPARTMENT OF HEALTH SERVICES
Madison, WI
Field Unit Supervisor/Epidemiologist
Wisconsin Immunization Program

- Supervise 7 full-time regional staff and 2 limited term employees
- Provides assistance and back-up to Immunization Program manager regarding immunization policies and procedures
- Responsible for writing, updating and submitting Immunization grant applications and progress reports
- Provide consultation for regional staff and local health departments regarding surveillance activities, vaccine preventable disease epidemiologic investigations, immunization schedules, including the use of the Wisconsin Electronic Disease Surveillance System (WEDSS)

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- Serve as a team member on the revision of state supplied guidance regarding surveillance and control of vaccine preventable diseases
- Provide consultation and technical assistance to state and local public health and health care providers on immunization-related topics, including the Wisconsin Immunization Registry
- Serve as a liaison between health department and CDC regarding vaccine preventable diseases

Aug. 2008-
Nov. 2012

WISCONSIN DEPARTMENT OF HEALTH SERVICES

Madison, WI

Advanced Epidemiologist

Wisconsin Immunization Program

Analyze, evaluate and report Wisconsin Immunization Registry (WIR) data, particularly for 5 sentinel counties

- Provide consultation and technical assistance to state and local public health and health care providers on immunization-related topics, including the registry
- Serve as team member on Vaccine-Preventable Disease surveillance activities, epidemiologic investigations, immunization schedules, including the use of the Wisconsin Electronic Disease Surveillance System (WEDSS)
- Provide consultation for regional staff and local health departments regarding vaccine preventable disease investigation and control efforts
- Serve as a team member on the revision of state supplied guidance regarding surveillance and control of vaccine preventable diseases
- Author reports and papers on the WIR
- Serve as a liaison between health department and CDC regarding sentinel site project
- Update and write grant proposals, renewals and reports related to the WIR for the state immunization program
- Assist with grant proposals and reports for the main Immunization Program grant

July 2001-
July 2008

MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH

Boston, MA

Immunization Epidemiology Coordinator

Division of Epidemiology and Immunization

- Supervise and manage 8 immunization epidemiologists
- Coordinate and conduct vaccine preventable disease control and surveillance
- Analyze changes in epidemiology of infectious disease
- Directs special research projects on pertussis, *S. pneumoniae*, varicella and influenza
- Assist with applications for IRB approval for research studies dealing with vaccine preventable diseases

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- Creates and presents updates on vaccine preventable diseases to health care professionals
- Update and assist in writing grant proposals and renewals for state immunization program
- Serves as liaison between immunization program and state public health laboratory

Aug 2000-
July 2001

MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH
Boston, MA

Pertussis Surveillance Coordinator
Division of Epidemiology and Immunization

Conduct epidemiological surveillance of pertussis cases in children less than 11 years old in the state of Massachusetts.

- Follow up on pertussis cases with health care providers and families to ensure appropriate infection control measures are in place as well as to obtain information such as vaccination histories for research purposes
- Analyze data to identify new trends in the epidemiology of pertussis in infants
- Report pertussis investigation data to the Center for Disease Control (CDC) in Atlanta
- Help coordinate studies with CDC regarding reference serology test and cost analysis for pertussis
- Supervise enhanced pertussis project, including coordination between epidemiologists and pertussis laboratory staff on research and procedures
- Assist with influenza surveillance program, including recruitment of sentinel sites, facilitating laboratory testing for influenza and analyzing data.

Research

May 1997-
July 2000

HARVARD MEDICAL SCHOOL
BRIGHAM AND WOMEN'S HOSPITAL
Boston, MA

Research Fellow-Microbiology/Virology (dual appointment)

Plan and conduct research in elucidating the mechanism by which Epstein Barr Virus causes lymphocyte transformation in humans.

- Use variety of molecular biology techniques to examine cells in vitro
- Evaluate progress of projects and determine direction for future research
- Work independently and in collaboration with colleagues
- Participate in weekly group discussions and seminars
- Maintain laboratory research records

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1991-1997 **BOSTON UNIVERSITY SCHOOL OF MEDICINE**
Boston, MA

Ph. D. Candidate-Microbiology/Immunology

For the dissertation topic, investigated the nature of B lymphocyte survival in the context of the immune system. Compared the stimulation of the cells through various pathways for their ability to either promote cell survival or cell death.

Summers
1989-1991 **MOTOROLA CORPORATION**
Schaumburg, IL

Chemical Engineering Intern-Research & Development

Investigated the properties of conductive adhesives to generate a solder-less mechanism of adhering computer chips to a circuit board in a more environmentally-friendly and cost saving manner.

- Documented progress and compiled data for patent application
- Prepared and presented progress reports

Academic

2017-
Present **University of Wisconsin, Madison**
School of Medicine and Public Health
Wisconsin Population Health Institute
Fellowship Preceptor

2017-
Present **University of Wisconsin, Madison**
Madison, WI
Guest lecturer for “Vaccines: Practical Issues for a Global Society”
Topics: Vaccine preventable diseases and the Wisconsin Immunization Registry

2004 **University of Massachusetts, School of Medicine**
Worcester, MA
Guest lecturer for epidemiology class
Topic: Vaccine preventable disease introduction

1994 **BOSTON UNIVERSITY SCHOOL OF MEDICINE**
Boston, MA
Laboratory assistant for Dental Microbiology course.

1989-1991 **VALPARAISO UNIVERSITY**
Valparaiso, IN
Laboratory Assistant and Grader for Genetics, Unity of Life, Diversity of Life courses.

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Mentoring

- 2009 Brittney Lemon, University of Wisconsin, School of Medicine and Public Health, Madison, WI
Master in Public Health, Capstone Project
Project Title: Hepatitis B Perinatal Cases: The Effectiveness of Preventative Strategies.
- 2010 Hannah Kirking, University of Wisconsin, School of Medicine and Public Health, Madison, WI
Medical Student
Project Title: Barriers to Improving Rates of HPV Immunizations: Does Insurance Reimbursement Impact Vaccination Rates?
- 2016 Saamia Masoom, University of Wisconsin, School of Medicine and Public Health, Madison, WI
Intern
Project Title: Summary of Reported Varicella (Chicken Pox), Wisconsin
- 2017-present Kellyn Engstrom, University of Wisconsin, School of Pharmacy, Madison, WI
PharmD Candidate- Capstone Project
Timeliness of Submission of Data by Pharmacies to the Wisconsin Immunization Registry
- 2017-present Whitney Ederer, University of Wisconsin, School of Medicine and Public Health, Population Health Institute, Fellowship Program, Madison, WI
Fellow

Organizations

- 2017-present Association of Immunization Managers, Executive Committee
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CERTIFICATIONS

National Council for Behavioral Health, Mental Health First Aid USA, Certification completed 2014.

Federal Emergency Management Institute, Completed IS 00547A (Introduction to Continuity of Operations) and IS00546A (Continuity of Operations Awareness Course), completed 2014.

State of Wisconsin, Department of Health Services, Leadership Institute 2011-2012, completed 2012.

State of Wisconsin, Department of Health Services, Team Leader and Facilitator

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Skills Training Program, completed 2011.

Human Participants Protection Education for Research Teams online course
(www.cancer.gov), completed 2006.

PUBLICATIONS

1. **Schauer, SL** Wang Z, Sonenshein GE, Rothstein TL. Maintenance of nuclear factor-kappaB/Rel and c-myc expression during CD40 ligand rescue of WEHI 231 early B cells from receptor mediated apoptosis through modulation of I kappa B proteins. *J Immunol.* 1996; 157:81-86.
2. Wu M, Lee H, Bellas RE, **Schauer SL**, Arsura M, Katz D, FitzGerald MJ, Rothstein TL, Sherr DH, Sonenshein, GE. Inhibition of NF-kappaB/Rel induces apoptosis of murine B cells. *EMBO J.* 1996;15:4682-4690.
3. Wu M, Arsura M, Bellas RE, FitzGerald MJ, Lee H, **Schauer SL**, Sherr DH, Sonenshein, GE. Inhibition of c-myc expression induces apoptosis of WEHI 231 murine B cells. *Mol Cell Biol.* 1996;16:5015-5025.
4. Matsui K, Omura S, Cui H, **Schauer SL**, Sonenshein, GE, Ju ST. Proteasome regulation of Fas ligand cytotoxicity. *Eur J Immunol* 1997; 27:2269-2278.
5. Wu M, Yang W, Bellas RE, **Schauer SL**, FitzGerald MJ, Lee H, Sonenshein GE. C-myc promotes survival of WEHI 231 B lymphoma cells from apoptosis. *Curr Top Microbiol Immunol* 1997; 224:91-101.
6. Cui H, Matsui K, Omura S, **Schauer SL**, Matulka RA, Sonenshein GE, Ju ST. Proteasome regulation of activation-induced T cell death. *Proc. Natl Acad Sci* 1997;94:7515-7520.
7. **Schauer, SL**, Bellas, RE, Sonenshein, GE. Dominant signals leading to inhibitor kappaB protein degradation mediate CD40 ligand rescue of WEHI 231 immature B cells from receptor-mediated apoptosis. *J Immunol* 1998; 160:4398-4405.
8. Cahir-McFarland ED, Davidson DM, **Schauer SL**, Duong J, Kieff E. NF-kappa B inhibition causes spontaneous apoptosis in Epstein-Barr virus transformed lymphoblastoid cells. *Proc Natl Acad Sci.* 2000; 97:6055-6060.
9. Lee GM, Lett S, **Schauer SL**, LeBaron C, Murphy TV, Rusinak D and Lieu TA. Societal Costs and Morbidity of Adolescent and Adult Pertussis. *Clin. Infect. Dis.* 2004; 39:1572-80.
10. Bisgard KM, Pasual FB, Ehresmann, KR, Miller CA, Cianfrini C, Jennings CE, Rebmann CA, Gabel J, **Schauer SL** and Lett SM. Infant pertussis- Who was the Source? *Ped. Infect. Dis. J.* 2004; 23(11): 985-989
11. Friedman DS, Curtis CR, **Schauer SL**, Klapholz H, Treadwell T, Wortzman J, Bisgard KM and Lett SM. Surveillance for transmission and antibiotic adverse events among neonates and adults exposed to a healthcare worker with pertussis. *Infect. Control Hosp. Epidem.* 2004; 25(11) 967-973.
12. Lee GM, LeBaron C, Murphy TV, Lett S, **Schauer S** and Lieu TA. Pertussis in Adolescents and Adults: Should we vaccinate? *Pediatrics* 2005; 115(6) 1675-1684.
13. Lee, GM, Murphy TV, Lett S, Cortese MM, Kretsinger K, **Schauer S** and Lieu TA. Cost Effectiveness of Pertussis Vaccination in Adults. *Am J Prev Med* 2007; 32(3) 186-193.
14. **Schauer SL**, Maerz TR, Hurie MB, Gabor GW, Flynn JM, Davis JP. Using Immunization Information System reporting tools to establish baseline childhood immunization rates and measure achievement of contract objectives. *J. Public Health Management* 2009; 15(5) E6.

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15. Verdon MJ and **Schauer SL**. Use of the Wisconsin Immunization Registry (WIR) by Pharmacists. *J Pharm Soc Wisc* 2011; 14(5) 6-7.
16. **Schauer SL**, Hopfensperger DJ, Verdon MJ, Maerz TR, Gabor GW, Davis JP. The Use of an Immunization Information System (IIS) to Meet the Evolving Needs During the 2009-2010 Influenza A (H1N1) Vaccination Campaign. *Dis. Med. Pub Health Prep* 2012; 6(4):402-7.
17. **Schauer SL**, Maerz TR, Verdon MJ, Hopfensperger DJ, Davis JP. The Wisconsin Immunization Registry Experience Comparing Real Time and Batched File Submissions from Health Care Providers. *Wis. Med. J.* 2014; 113:102-106.
18. Koepke R, Eickhoff JC, Ayele RA, Petit AB, **Schauer SL**, Hopfensperger DJ, Conway JH, Davis JP. Estimating the Effectiveness of Tdap Vaccine for Preventing Pertussis: Evidence of Rapidly Waning Immunity and Differences in Effectiveness by Tdap Brand. *J Infect Dis.* 2014;210: 942-953.
19. Koepke R, Eickhoff JC, Ayele RA, Petit AB, **Schauer SL**, Hopfensperger DJ, Conway JH, Davis JP. Reply to Decker et al. *J Infect Dis.* 2015;11(3);489-9.
20. Vega JS, Escobedo M, Schulte CR, Rosen JB, **Schauer S**, Wiseman R, Lippold SA, Regan JJ. Notes from the field: Measles Transmission at a Domestic Terminal Gate in an International Airport-United States, January 2014. *MMWR Morb Mortal Wkly Rep.* 2014;63(50):1211.
21. Koepke R, Petit AB, Ayele RA, Eickhoff JC, **Schauer SL**, Verdon MJ, Hopfensperger DJ, Conway JH, Davis JP. Completeness and accuracy of the Wisconsin Immunization Registry: an Evaluation Coinciding with the Beginning of Meaningful Use. *J Public Health Manag Pract.* 2015;21(3):273-81.
22. Koepke, R, Kahn, D, Petit AB, **Schauer SL**, Hopfensperger, DJ, Conway JH and Davis JP. Pertussis and Influenza Vaccination Among Insured Pregnant Women- Wisconsin 2013-2014. *MMWR Morb Mortal Wkly Rep.* 2015; 64(27):746-50.
23. Koepke, R, **Schauer SL**, Davis JP. Measuring maternal Tdap and influenza vaccination rates: Comparison of two population-based methods. *Vaccine.* 2017;35(18):2298-2302.