

Jerne Shapiro, MPH

Education

Public Health Leadership Institute of Florida, University of South Florida, Tampa, FL

A one year program designed to help cultivate and develop leaders in Public Health. July 2004- July 2005

University of South Florida, Tampa, FL

Masters degree in Public Health with a concentration in Tropical Public Health and Communicable Diseases, 4.0 GPA, December 2001.

University of Florida, Gainesville, FL

Bachelor of Science in Microbiology and Cell Science May 1998.

Bachelor of Science in Plant Pathology with a specialization in Biotechnology, May 1998.

Minor in Chemistry, May 1998.

Santa Fe Community College, Gainesville, FL

Associates of Arts degree, with honors, December 1995.

Work Experience

University of Florida, Gainesville, FL

April 2005- Present

College of Public Health and Health Professions

Adjunct Instructor

Developed and teach the graduate course in Infectious Disease Epidemiology (PHC6002). This is a three-credit hour course with ~20 graduate students registered and is taught every summer A since Summer 2005. The online version of the same course was developed and began in Summer 2010.

Developed and teach the undergraduate course in Applied Epidemiology (PHC4024). This is a three-credit hour course with ~40 undergraduate students registered and is taught every Fall since Summer 2012.

Developed and taught the graduate course Community Based Participatory Research (PHC6937). This is a three-credit hour course with ~12 students registered and is taught every spring since 2016. The online version of the same course was developed and is taught every Fall of 2016.

Teach the online course in Health, Risk and Crisis Communication (PHC6316). This is a three-credit hour course with ~30 students registered and is taught every Summer since 2016.

University of Florida, Gainesville, FL

October 2008

College of Public Health and Health Professions

Program Consultant

Assisted in the grant application process for UF to become one of CDC Health Promotion and Disease Prevention Research Centers.

Alachua County Health Department, Gainesville, FL

December 2006- December 2007

Alachua County Employee Wellness Coordinator, Wellness Works

Responsible for developing, implementing, and coordinating the new Alachua County wellness program (Wellness Works) for over 2,000 employees, in 17 agencies at 22 worksites. Responsibilities include: implementing evidence based health programs, conducting and analyzing a needs assessment survey, presentations, budgeting, health education promotion, coordinate wellness advisory team, publish wellness newsletter, intern mentor, provide media interviews, and support already existing health initiatives.

Alachua County Health Department, Gainesville, FL
Epidemiologist- Alachua County

April 2004-December 2006

Conducted epidemiological investigations, evaluated community public health needs, provided community outreach and health education, built and maintained surveillance databases, designed protocols, coordinated with state and local management teams on disease investigations and public health issues, coordinated disease reporting from hospitals and physicians, provided medical information to the medical community and public, supervisor for medical and public health interns, provided media interviews, and published epidemiology newsletter (*Epi InvestiGATOR*).

Florida Department of Health, Gainesville, FL

April 2002-March 2004

Florida Epidemic Intelligence Service, Class of 2002- Alachua County

FL EIS Fellow- One of six founding Fellows stationed in the state of Florida to experience hands on training in Field Epidemiology. Outbreak investigations include: Viral Meningitis, locally acquired Malaria, Hepatitis A, Salmonella, MRSA, West Nile Virus via blood transfusion, SARS, and Norovirus. Additionally, I designed, implemented, and evaluated an Eighteen County Smallpox Vaccine Surveillance project, directed the Influenza Surveillance for Alachua County, preceptor for interns, provided media interviews, presented at state conferences, presented for Epidemiology Grand Rounds, and worked routinely with the community to insure public health.

University of South Florida, Tampa, FL

August 2001-March 2002

College of Public Health, Environmental and Occupational Department, Heat Stress Laboratory

Graduate Assistantship, Research lab technician: Tested heat stress limits with human subjects. Ran experiments, monitored subjects, collected and recorded data, followed protocols, and entered data.

MORE Health-Tampa General Hospital, Tampa, FL

August 2001-December 2001

Internship: HIV/AIDS education teacher for high school students in and around Hillsborough County. Focused on revising and updating the education program. Scientific advisor for other instructors.

Center for Health and HIV/AIDS

Research and Training (CHART), Tampa, FL

December 2000-August 2001

Executive Directors Assistant: Wrote a Fogarty research grant for an HIV/AIDS training program in India. Designed a letter of intent for CIPRA grant for an HIV surveillance study in South India. Organized HIV clinical medicine and research training curriculum in Tampa, Florida for visiting Indian physicians. Assisted in establishing five collaborative research centers in India, created informational brochures and Memorandums of Understanding.

Research Experience

University of Florida, Gainesville, FL

December 1994-May 1995

Independent special project in Plant Pathology, Mycology Department.

In collaboration with Walt Disney World, tested various composting techniques to determine the best method for decreasing pathogen levels in soil.

University of Florida, Gainesville, FL

August 1996-December 1996

Independent special project in Plant Pathology, Bacteriology Department.

Identified new strains of Pseudomonas bacteria present in the United States that had newly acquired resistance as a result of plasmid transfer from resistant strains outside the United States.

Specialty Trainings

Lead Inspector and Lead Abatement Certifications- Treeo Center. Environmental Protection Agency certified to perform environmental investigations on elevated blood lead level in patients and offer recommendation to minimize exposure. January 31-February 4, 2005.

AIDS 501- Florida Department of Health. Certification to counsel and test for HIV/AIDS. Gainesville, FL. May 2003-present.

Intermediate Incident Command- Alachua County Fire and Rescue. Certification to work in Incident Command for Public Health Disasters or Bioterrorism Events. Gainesville, FL. December 2002.

Introduction to Sexually Transmitted Disease Intervention- Centers for Disease Control and Prevention. Certification to counsel and investigate sexually transmitted diseases. Riviera Beach, FL. September 9-20, 2002.

Epidemiology in Action- Centers for Disease Control and Prevention in conjunction with Emory University. Atlanta, GA. April 29- May 10, 2002.

Publications

Lennox K. Archibald, MD, FRCP; Jerne Shapiro, MPH; Anthony Pass, MEd; Kenneth Rand, MD; Frederick Southwick, MD: Methicillin-Resistant *Staphylococcus aureus* Infection in a College Football Team: Risk Factors Outside the Locker Room and Playing Field. *Infection Control and Hospital Epidemiology*. Vol. 29, no. 5, May 2008.

Shapiro, Jerne, MPH. Insect Borne Disease. In: Boslaugh, Sarah, Editor. *The Encyclopedia of Epidemiology*, Volume 1. SAGE. 2008. 543-544.

Shapiro, Jerne, MPH: *Smallpox Vaccine Surveillance of Eighteen Counties in North Central Florida: Assessing All Medical Reactions, Stage Development of the Vaccine Site, and Demographics of the Population Vaccinated*. Florida Public Health Review, October 2006.

Pealer, Lisa, PhD, (Investigative Team) Shapiro, J.J.: *West Nile Virus Contracted via Blood Transfusion*. *New England Journal of Medicine*. September 25, 2003;349:1236-45.

Herman, B.C., Shapiro, J.J., Owen, K.: *Mycobacterium Para tuberculosis: A Role in Crohn's Disease*. *The Indian Practitioner*, Vol. 54, March 2001.

Presentations and Posters

Presentation- Epidemiology Grand Rounds. On *Smallpox Adverse Events in the State of Florida and Smallpox Vaccine Surveillance for Eighteen Counties in North Central Florida*. October 28, 2003.

Poster presentation- State Epidemiology Conference on *Tainted Blood- West Nile Virus Transmission via Blood Product Transmission*. Lake Mary, FL. June 6, 2003.

Grants

Co-author for a Forgarty Grant from the National Institute of Health for HIV education in India 2001.

Author of a Letter of Intent for a CIPRA grant from the National Institute of Health for an HIV/AIDS surveillance study in a tribal region in South India.

Graduate Activities:

University of South Florida, College of Public Health, Tampa, FL

Infectious Disease Association

President

June 2001-December 2001

Responsibilities included: Conducting meetings with cabinet members, oversee budget expenditures, develop and implement events including AIDS week, Flu vaccination, Public Health week, social

functions, field trips, fund raising events, student assemblies, guest lectures, and act as a liaison for students to both the Dean and faculty of the College of Public Health.

Vice-President December 2000–June 2001
Responsibilities included: Fundraising activities, organization of meetings, arranging guest lectures and developing activities for Public Health week 2001.

Member August 2000–December 2000
Involved in the development and organization of National AIDS week 2000 for the student population at the University of South Florida.

Public Health Student Association

Member August 2000–December 2001
Interacted with colleagues and professionals in the Public Health field regarding current issues and topics of interests.

Undergraduate Activities:

University of Florida, Plant Pathology Department, Gainesville, FL

Undergraduates in Plant Pathology Association

Co-founder of the Undergraduates in Plant Pathology Association. January 1997

Vice-President January 1997-1998
Liaison between students and faculty, undergraduate representative for faculty meetings, acted as a public relations officer for the college, and facilitated with student meetings.

Honors and Awards

2007 Prudential Financial Davis Productivity Award: Award of Distinction in Epidemiology Hurricane Response Toolkit Development Team.

Awarded Public Health Student of the Year for the Department of Environmental and Occupational Health from the College of Public Health at University of South Florida, May 2002.

Member Phi Kappa Phi Honor Society, 2000-2001.

Volunteer Experience

GWPA- Gainesville Waldorf Parents Association, Gainesville, Fl 2016-Present

Head of the PTA

Founder and Leader of the Parent Association for +100 children at Heart Pine and Morning Meadow School. Responsibilities include: creating bylaws, planning long term goals, leading meetings, fundraising activities, organizing events and facilitating communication between the Board of Trustees, Faculty and parents.