

Curriculum Vitae
Rena Jones

Home

34 Glenwood St. Apt 7
Albany, NY 12208
E-mail: renajones@gmail.com
(518) 527-1124

Work

New York State Department of Health
Bureau of Environmental and Occupational Epidemiology
547 River St., Room 200; Troy, NY 12180
(518) 402-7958; rrj01@health.state.ny.us

EDUCATION

State University of New York, Albany
M.S., Epidemiology, August 2006

University of Massachusetts, Amherst
B.S., Biology, May 2003

POSITIONS HELD

June 2006-present Research Scientist I, Health Research Inc. / New York State Department of Health, Center for Environmental Health, Bureau of Environmental and Occupational Epidemiology, Troy, NY

Jan 2005-June 2006 Assistant Research Scientist, Health Research Inc. / New York State Department of Health, Center for Environmental Health, Bureau of Environmental and Occupational Epidemiology, Troy, NY

2004 Graduate Research Assistant, New York State Department of Health, Center for Environmental Health, Bureau of Environmental and Occupational Epidemiology, Troy, NY

2003-2005 Graduate Research Assistant, SUNY Albany School of Public Health, Rensselaer, NY

2000-2003 Computer and Graphics Assistant, Center for Computer Based Technology, University of Massachusetts, Amherst, MA

1998-1999 Web Developer/Programmer, Brooktrout Technology, Inc., Needham, MA

TEACHING EXPERIENCE

Jones R (Spring 2006). Using SAS ODS for Epidemiological Research. Guest lecture given at SUNY Albany School of Public Health, Advanced Topics in SAS Programming course.

Lin S, Fitzgerald E, **Jones R** (Fall 2006). Epidemiological bias explored in the World Trade Center Respiratory Health Study (materials prepared for lecture at SUNY Albany School of Public Health, Environmental and Occupational Epidemiology course).

RESEARCH EXPERIENCE

Co-Investigator, NOx State Implementation Plan (NOx SIP) Call

New York State Department of Health/U.S. Environmental Protection Agency
February 2007 - present

This assessment will examine the respiratory and cardiovascular health impacts of statewide legislation aimed at reducing the number of carbon emissions from industrial sources (NOx SIP). Primary project responsibilities include both health and environmental data obtainment and management, oversight of statistical analyses, preparation of spatial data and performance of spatial analyses, as well as development and sustainment of project goals and analyses.

Co-Investigator, Carbon Monoxide Site Investigation of Buffalo, NY

New York State Department of Health
October 2006 – present

This is an investigation of carbon monoxide poisonings related to a snowstorm in October 2006 which caused long-term power outages. The project intends to evaluate public awareness of carbon monoxide exposure risk. Project responsibilities include collaboratively designing the survey instrument, training interview staff, developing databases, performing statistical analysis, and evaluating the need for better public health education efforts related to carbon monoxide risk.

Project Coordinator, World Trade Center Respiratory Health Study

New York State Department of Health/New York University School of Medicine
January 2005 - present

The World Trade Center Respiratory Health Study is the largest community-based study of respiratory health in residents living in the area near the former World Trade Center site which was destroyed on September 11, 2001. Primary project duties include survey design, data management, analysis, and synthesis. Also responsible for coordination with labs for analyses and with collaborators and stakeholders to produce project reports and to summarize findings.

Graduate Researcher

University at Albany, Department of Epidemiology and Biostatistics
“Automated Zone Design for the Spatial Analysis of Health Data” (Masters thesis)
June 2004 – August 2006

The purpose of this work was to evaluate the impact of aggregating geographic units of analysis in terms of spatial resolution, statistical bias, and epidemiological inference. Using the Automated Zone Matching program developed by Dr. David Martin, I aggregated New York State ZIP codes based on a set of analysis parameters and evaluated the iterative combination process by calculating and comparing descriptive characteristics, standardized incidence ratios, and variance measures for low birth weight births across the state.

SUPERVISION EXPERIENCE

Supervisor – Project Statistician (2006 - present)

Supervise the project statistician in her daily activities performing the health analysis for the multiple projects, including a time-series analysis and intervention model. Provide feedback and assistance in carrying out project-specific analysis plans.

Student Mentor – Epidemiologic Studies and Evaluation Section (2005 – present)

Oversee graduate research assistants in their internship work. Provide guidance for analyses and daily tasks.

PUBLICATIONS

Jones R, Lin S, Munsie JP, Radigan M, Hwang SA (2007). Racial and ethnic differences in urgent care use among asthmatic children in Buffalo, New York. Submitted to *Journal of Urban Health*.

Jones R, Talbot T, Grady S (2007). Demonstration of a spatial aggregation method for public health research. Under internal review.

Lin S, **Jones R**, Reibman J, Bowers JA, Fitzgerald E, Hwang SA (2007). Reported respiratory symptoms and home conditions after 9/11 among residents living near Ground Zero. *Journal of Asthma*. 44(4);325-32.

Lin S, Reibman J, **Jones R**, Gomez M, Fitzgerald E, Hwang SA (2005). Lin et Al. Respond to "Assessment of respiratory symptoms after September 11". *American Journal of Epidemiology*; 162:511-512.

MANUSCRIPTS IN PREPARATION

Jones R, Lin S, Reibman J, Fitzgerald E, Hwang SA. A follow-up of respiratory health in residents living near the World Trade Center on 9/11.

Jones R, Lin S, Hwang SA. Respiratory symptom exacerbation among pre-existing asthmatics living near the World Trade Center.

Jones R, Recer G, Lin S, Chapman B, Hwang SA. Indoor mold exposure and asthma prevalence among children in Buffalo, New York.

Lin S, Liu X, **Jones R**, Hwang SA. Impact of school opening on hospital admissions for asthma in New York State.

Muscatiello N, Babcock G, **Jones R**, Horn E, Kim N, Hwang SA. An investigation of carbon monoxide exposures following an early-season snowstorm in Buffalo, New York.

Lin S, **Jones R**, Sun Y, Garcia V, Hwang SA. A decline in respiratory and cardiovascular hospital admissions associated with air quality control legislation.

PRESENTATIONS AND POSTERS

Lin S, Liu X, **Jones R**, Hwang SA (upcoming in November 2007). Impact of school opening on respiratory hospital admissions in New York State. Invited presenter at the American Public Health Association annual meeting, Washington D.C.

Lin S, Reibman J, **Jones R**, Bowers JA, Fitzgerald E, Hwang SA (November 2006). Respiratory symptoms and other health effects among the residents living near the World Trade Center site after 9/11. Poster presented at the New York State Department of Health Poster Day, Albany NY.

Lin S, Reibman J, **Jones R**, Bowers JA, Fitzgerald E, Hwang SA (October 2006). Respiratory symptoms and other health effects among the residents living near the World Trade Center site after 9/11. Oral presentation given at Northeast Epidemiology Conference, Saratoga Springs, NY.

Lin S, **Jones R**, Reibman J, Bowers JA, Fitzgerald E, Hwang SA (June 2006). A follow-up of respiratory symptoms among residents living near the World Trade Center. Poster presented at SER/CSEB annual meeting, Seattle, WA.

PROFESSIONAL CONTRIBUTIONS & AFFILIATIONS

Invited Reviewer, *Journal of Occupational and Environmental Medicine*, 2007

Panel interviewer, New York State Department of Health, 2006-2007

Member, American Public Health Association, 2007