

ELIZABETH R. DALY

259 Brickett Road, Manchester, NH 03109

(603) 661-0553

elizabeth.daly@yahoo.com

Education:

M.P.H., Epidemiology, Emory University, Atlanta, GA, 2003

Concentration: Infectious Diseases

Thesis: The Relationship Between West Nile Virus Infection and Underlying Health Conditions in Georgia, 2001-2002

Relevant Coursework: SAS Programming, Applied Data Analysis, Biostatistics I & II, Epidemiology Methods I & II, Epidemiologic Modeling, Case Studies in Infectious Diseases, Healthcare Epidemiology, Public Health Preparedness and Bioterrorism, Environmental and Occupational Health, Social Behavior in Public Health, Healthcare Management, Healthcare Policy

B.S., Zoology, University of New Hampshire, Durham, NH, 2002

Concentration: Pre-medical

Study Abroad: School for International Training, Wildlife Ecology and Conservation, Tanzania

Relevant Coursework: Microbiology, Genetics, Cell Biology, Animal Physiology, Biostatistics, Epidemiology, Vertebrate Morphology, Organic Chemistry I & II, General Biology I & II, General Chemistry I & II, Physics I & II, Calculus for Life Sciences

B.A., English, University of New Hampshire, Durham, NH 2002

Public Health Work Experience:

11/2006- Present

Acting Chief, Communicable Disease Surveillance Section, NH Department of Health and Human Services, Division of Public Health Services, Concord, NH

- Administrative and programmatic supervision of 11 staff member surveillance unit
- Responsible for overall communication and transmission of communicable disease surveillance data to the U.S. Centers for Disease Control
- Oversee production of the Communicable Disease Bulletin and Annual Report
- Responsible for grant writing, maintenance of contracts, and developing business protocols to support functionality of critical disease surveillance systems

2/2004- Present

Communicable Disease Epidemiologist, NH Department of Health and Human Services, Division of Public Health Services, Communicable Disease Surveillance Section, Concord, NH

- Manage investigation of foodborne disease outbreaks and act as liaison to the U.S. Centers for Disease Control for foodborne outbreaks including major multistate investigations
- Maintain foodborne illness surveillance system including follow-up of foodborne illness cases
- Perform data analyses and respond to data requests for communicable disease surveillance data
- Consultant on statistical and epidemiological issues
- Direct supervisor of the Food Safety Coordinator position (June 2005 to October 2007)

9/2003- 12/2003 and 9/2002- 5/2003

Microbiology Research Assistant, U.S. Centers for Disease Control, National Center for Infectious Diseases, Division of Healthcare Quality Promotion, Epidemiology Laboratory Branch, Atlanta, GA

- Assisted in Methicillin Resistant *Staphylococcus aureus* (MRSA) baseline prevalence study through the National Health and Nutrition Examination Survey (NHANES)
- Performed identification for the National Reference Laboratory of the family *Micrococcaceae* using standard biochemical tests

6/2003- 8/2003

Biological Laboratory Aid, U.S. Centers for Disease Control, National Center for Infectious Disease, Scientific Resources Program, Specimen Management Branch, Atlanta, GA

- Worked in the Specimen Triage and Tracking (STAT) biosafety level 3 laboratory processing SARS and Monkey Pox samples; Aliquoted SARS specimens (blood, serum, swabs, stool, urine, sputum, etc) into appropriate containers for testing and organized samples for long-term storage
- Maintained patient and clinical data records of specimens received and responsible for communicating with the Emergency Operations Center, the Transport Management Team, and special study investigators regarding specimens

6/1998- 5/1999

Health Peer Education Coordinator, University of New Hampshire, Sexual Harassment and Rape Prevention Program, Durham, NH

- Developed effective education programs to reduce the incidence of sexual violence on campus
- Supervised and trained 20-30 volunteer peer educators
- Collected and organized sexual violence statistics for use in programming
- Responsible for program planning, management, and evaluation

Academic Teaching, Mentorship, and Tutoring Experience:

2004- 2005 Mentor, Young Epidemiology Scholars National Competition, Washington, DC

- Regional Finalist, "Factors Contributing to Bednet Use and Other Prevention Practices for Malaria in Tanzania", Pinkerton Academy Student, Derry, NH

9/2003- 12/2003 Teaching Assistant, Emory University, Rollins School of Public Health, Department of Epidemiology, Atlanta, GA

- Evaluated graduate student work in the "Case Studies in Infectious Disease" Epidemiology course and provided feedback to students regarding methods in outbreak investigations, data analysis, infection control, and appropriate response to an infectious disease outbreak

1/2001- 5/2002 Writing Consultant, University of New Hampshire Writing Center, Durham, NH

- Tutored and reviewed the work of graduate and undergraduate students and assisted them with the writing process including brainstorming, drafting, editing, and finalizing their writing

Research and Independent Study:

"The Relationship Between West Nile Virus Infection and Underlying Health Conditions in Georgia, 2001-2002", Master of Public Health Thesis, Emory University, 2003.

"Community Perceptions, Control Activities, and Health-Seeking Behavior for Malaria in Tanzania—Dar es Salaam, Tanzania," Research Project, University of New Hampshire, funded by UNH's International Research Opportunities Program Grant, 2001.

"Eland of West Kilimanjaro: A Behavioral Analysis of Domesticated Eland—Kilimanjaro Region, Tanzania," Independent Study, School for International Training, 2000.

Peer Reviewed Publications:

1. Green SK, **Daly ER**, Talbot EA, et al. Recurrent multistate outbreak of *Salmonella* Newport associated with tomatoes from contaminated fields, 2005. *Epidemiol Infect.* 2007 May 3;1-9 [Epub ahead of print].
2. Talbot EA, **Gagnon ER**, Greenblatt J. Common ground for the control of multidrug-resistant *Salmonella* in ground beef. *Clin Infect Dis.* 2006 May 15;42(10):1455-62.

Other Publications:

1. **Daly ER**. An Increase in Norovirus Activity in New Hampshire, 2006-2007. *NH Communicable Disease Bulletin*, NH Division of Public Health Services. July 2007.
2. CDC. *Salmonella* Oranienburg Infections Associated with Fruit Salad Served in Health-care Settings--- Northeastern United States and Canada, 2006. 56(39);1025-1028.
3. CDC. Multistate Outbreaks of *Salmonella* Infections Associated with Eating Raw Tomatoes --- Eastern United States and Canada, 2005—2006. *Morb Mort Weekly Rep* 56(35);909-911.
4. **Gagnon ER**, Manning JS. An Increase in Hepatitis A Virus in New Hampshire. *NH Communicable Disease Bulletin*, NH Division of Public Health Services. October 2005.
5. **Gagnon ER**, Welch JJ. Increase of Hepatitis A in New Hampshire: Implications for Food Service Establishments. *NH Lodging and Restaurant Association Newsletter*. August 2005.
6. **Gagnon ER**. "The Legacy of IROP: Giving Back the Gift of Mentorship." *Inquiry Journal*. University of New Hampshire, Durham, NH. 2005. Available at <http://www.unh.edu/inquiryjournal/05/commentary/gagnon.htm>.

Abstracts and Conference Presentations:

1. **Daly ER**, Talbot, EA, Lynch M, Olson C. "A Multistate Outbreak of *Salmonella* Oranienburg Infections Associated with Fruit Salad Served in Healthcare Settings—Northeastern United States, June-July 2006". Council of State and Territorial Epidemiologists Annual Meeting, Atlantic City, NJ, 6/25/2007.
2. **Daly ER**. "A Multistate Outbreak of *Salmonella* Oranienburg Infections Associated with Fruit Salad Served in Healthcare Settings—Northeastern United States and Canada, June-July 2006". Canada and United States Eastern Border Health Initiative Meeting, Burlington, VT, 5/10/2007.
3. **Gagnon ER**, Adamski C, Talbot, EA. "Timeliness is of the essence: A systematic evaluation of disease reporting in New Hampshire" [Session 4264.0, Abstract #124834]. American Public Health Association Annual Meeting, Boston, MA, 11/7/2006.

4. **Daly ER.** "A Multistate Outbreak of *Salmonella* Oranienburg Infections Associated with Fruit Salad Served in Healthcare Settings—Northeastern United States, June-July 2006". Northeast Epidemiology Conference, Saratoga Springs, NY, 10/26/2006.
5. **Gagnon ER.** "The use of a professional survey center in a multistate foodborne illness cluster investigation." 2nd Annual National Foodborne Epidemiologists Meeting, Miami, FL, 4/5/2006.
6. Seema Jain, S. Bidol, J.Lockett, E.Berl, F. Elson, M. LeMaile-Williams, M.Deasy, M.Moll, **E. Gagnon**, V.Rea, J. Vojdani, P.Yu, M.Hoekstra, C.Braden, M. Lynch . Multistate Outbreak of *Salmonella* Typhimurium Associated with Unpasteurized Orange Juice – United States, 2005 [Session 91, C2-865]. Annual Epidemic Intelligence Service Conference, Atlanta, GA, 2006.
7. Greene SK, **Gagnon ER**, Talbot EA, et al. Recurrent Multi-State Outbreak of *Salmonella* Newport Associated with Tomatoes, 2005 [Session 91, C2-865]. 5th International Conference on Emerging Infectious Diseases, Atlanta, GA, 2006.
8. **Gagnon ER.** "Investigating Multi-State Foodborne Illness Clusters: Collaboration between Epidemiologists, Laboratories, and Food Protection Staff from Multiple States" Northeast Food and Drug Officials Meeting, Concord, NH, 8/19/2005.
9. **Gagnon ER.** "Investigation of a Multistate Cluster of *Salmonella* Newport, July-August, 2004." Northeast Epidemiology Conference, Meredith, NH, 10/15/2004.
10. **Gagnon ER.** "Community Perceptions, Control Activities, and Health-Seeking Behavior for Malaria in Tanzania." National Conference on Undergraduate Research, 2002, Whitewater, WI, 5/19/2002.

Public Service and Memberships:

American Public Health Association, Member, 2003-2004, 2006-2007
American Sociological Association, Member, 2001-2002
Durham Ambulance Corps, EMT-B Volunteer, 2001- Present
Georgia Public Health Association, Member, 2002-2003
Habitat for Humanity Volunteer, 1998-1999
Health Education Sexual Violence Peer Education Volunteer, 1997- 2002
Sexual Harassment and Rape Prevention Program, Volunteer Crisis Counselor, 1998-2002
Wentworth Douglass Hospital, Dover, NH, Patient Advocate Volunteer, 1999

Awards:

Division of Public Health Services Employee of the Month, State of New Hampshire, Dec 2004
Durham Ambulance Corps, Rookie of the Year, 2002
International Research Opportunities Program grant, University of New Hampshire, 2001
Richard M. Ford Writing Award for Non-Fiction, University of New Hampshire, 2001
School for International Training Merit Scholarship, 2000
Movers and Shakers Award, University of New Hampshire, 1998

Skills:

Proficient in SAS, SAS Enterprise Guide, SPSS, EpiInfo 2000, Microsoft Office (Access, Excel, Powerpoint, Word)