

CURRICULUM VITAE

Joseph McLaughlin, MD, MPH

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PERSONAL INFORMATION

Country of Citizenship: United States
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Birth Place: Minneapolis, Minnesota, USA

EDUCATION

8/00–5/01: Tulane University School of Public Health, New Orleans, LA — MPH
(Tropical Medicine, 3.95 GPA)
7/95–6/99: University of Minnesota Medical School, Minneapolis, MN — MD
9/89–6/93: St. John's University, Collegeville, MN — BA (Natural Science, Magna
Cum Laude)
9/86–6/89: Wayzata High School, Plymouth, MN

PROFESSIONAL TRAINING

8/03–7/04: Resident, Emory University School of Medicine, Atlanta, GA (Preventive
Medicine)
6/01–6/03: Fellow, Epidemic Intelligence Service Officer, Division of Applied Public
Health Training, Epidemiology Program Office, CDC, Atlanta, GA (Applied
Epidemiology)
6/99–6/00: Intern, University of Wisconsin Hospitals and Clinics, Madison, WI (Internal
Medicine)

LICENSES AND BOARD CERTIFICATION

Alaska medical license number 5417, expires 12/31/2008
Board Certified by the American Board of Preventive Medicine (1/2005–Current)

WORK/VOLUNTEER EXPERIENCE

07/07–Current: Alaska State Epidemiologist
06/07–Current: Chief, Alaska Section of Epidemiology — Anchorage, Alaska
10/06–06/07: Acting Chief, Alaska Section of Epidemiology — Anchorage, Alaska
7/05–Current: Affiliate Assistant Professor of Public Health with the Department of
Health Sciences, University of Alaska-Anchorage — Anchorage, Alaska
8/04–Current: Medical Epidemiologist with the Alaska Department of Health, Section of
Epidemiology — Anchorage, Alaska
8/04–Current: Member of the Alaska Area Institutional Review Board — Anchorage,
Alaska
8/04–Current: Member of Providence Alaska Medical Center's Infection Control
Committee — Anchorage, Alaska

5/01: Volunteer; primary care medicine with volunteer organization, Serve and Share at a rural clinic in the Himalaya Mountains — Garhwal, India

5/99: Volunteer; primary care medicine as a fourth year medical student with volunteer organization, Mono A Mono at a rural clinic in the Andes Mountains — Cochabamba, Bolivia

3/98: Volunteer; primary care medicine as a third year medical student at a rural medical clinic — El Filon, Honduras

8/96: Volunteer; primary care medicine as a first year medical student at a rural hospital — Zimbabwe

9/95–9/97: Graduate Research Assistant; studied the ethical decision making process — Department of Bioethics, University of Minnesota — Minneapolis, MN

8/94–6/95: Teacher; high school calculus, statistics, advanced algebra, physics and humanities teacher — Oak Grove School, Ojai, CA

1994 (summer): Summer Research Assistant; studied the effects of chronic fetal hypoxia on myelination of midbrains in infants of diabetic mothers — University of Minnesota Medical School, Minneapolis, MN

8/93–6/94: Volunteer Teacher; high school biology, physics, and health teacher; Mount Carmel High School — Benque Viejo del Carmen, Belize, Central America

1993 (summer): Pottery Assistant; helped construct one of the largest traditional Japanese woodfire kilns in North America — St. John's University, Collegeville, MN

5/92: Volunteer; manual laborer in Appalachia, working with a local community on home/grounds construction — Roses Creek, Tennessee

1992 (summer): Waitron; The Park Cafe — Glacier National Park, St. Mary, Montana

1991 (summer): Service Station Attendant; St. Mary Lodge — Glacier National Park, St. Mary, Montana

OTHER ACTIVITIES

2006–Current: Editor of the Alaska Epidemiology *Bulletin*

9/06–4/07: Mentor/advisor for a high school Young Epidemiology Scholars (YES) Competition student.

7/06–Current: Primary Supervisor for a U.S. Centers for Disease Control and Prevention Epidemic Intelligence Service Officer stationed at the Alaska Section of Epidemiology

2001–Current: Providence Alaska Family Practice Residency epidemiology and biostatistics instructor

2003, 2005: The Alaska Public Health Association epidemiology and biostatistics instructor

2005–2009: Reviewer for *Arctic*, *Clinical Infectious Diseases*, *Emerging Infectious Diseases*, *International Journal of Circumpolar Health*, *Journal of Wilderness and Environmental Medicine*, and the Department of Health and Human Services Biotechnology Engagement Program.

7/03–6/05: Secondary Supervisor for a U.S. Centers for Disease Control and Prevention Epidemic Intelligence Service Officer stationed at the Alaska Section of Epidemiology

1992: SEAmester student (study abroad), Long Island University, Long Island, NY

1990: Galway, Ireland study abroad student

HONORS/AWARDS

2005: Winner of the Rising Star Award, American College of Preventive Medicine
2003: The Unit Commendation, US Public Health Service, Department of Health and Human Services
2002: The Outstanding Unit Citation, US PHS, DHHS
2002: Crisis Response Service Award, US PHS, DHHS
2002: Winner of the 51st Annual EIS Conference Poster Session Award
2001: Elected into Delta Omega National Public Health Honorary Society, Eta Chapter
2000–01: Jack Aron Scholar Award, Tulane University
1999: Dean’s Letter, Outstanding overall medical school performance status, University of Minnesota Medical School
1998: Research Externship Grant Recipient, Minnesota Academy of Family Practitioners
1995–97: Graduate Research Assistantship Recipient, University of MN Medical School
1995: Dr. Albert E. Ritt Scholarship Recipient, University of MN Medical School
1995: Summer Research Program Assistantship, University of Minnesota
1993–94: Giles Nathe Memorial Scholarship, St. John’s University
1993: Graduated Magna Cum Laude, St. John’s University
1991: Early acceptance into medical school as a college sophomore, University of Minnesota Medical School (Early Acceptance Program)
1989–93: Siehl Academic Scholarship Recipient, St. John’s University
1989–93: Dean’s List, St. John’s University

PROFESSIONAL ORGANIZATIONS

Alaska Public Health Association, Member
American College of Preventive Medicine, Member
American Society for Circumpolar Health, Member
Council for State and Territorial Epidemiologists, Member
Delta Omega National Public Health Honorary Society, Eta Chapter, Member

CERTIFICATES

09/07: Certificate of Completion of the Alaska DHSS Mediation in the Workplace Training
02/06: Certificate of Completion of the Alaska DHSS Basic Confidentiality Training Course
10/04: Certificate of Completion of Fundamentals of STD Intervention Course; CDC
09/04: Certificate of Completion of Alaska Public Health Policy and Law Course; Alaska Public Health Training Institute
03/02: Certificate of Completion of the University of Miami’s Collaborative IRB Training Initiative (CITI) Course

ORIGINAL WORK PUBLISHED IN PEER-REVIEWED SCIENTIFIC LITERATURE

1. Demain JG, Gessner BD, McLaughlin JB, Sikes DS, Foote JT. Increasing insect reactions in Alaska: is this related to changing climate? *Allergy Asthma Proc.* 2009; 30(3):238-43.
2. Groom A, Laroque M, Mason C, McLaughlin J, Neel L, Powell T, Weiser T, Bryan RT. Pandemic Influenza Preparedness and Vulnerable Populations in Tribal Communities. *AJPH.* 2009; May 21.

3. Fagan RP, McLaughlin JB, Middaugh JP. Persistence of Botulinum Toxin in Patients' Serum: Alaska, 1959-2007. *JID*. 2009;199(7): 1029-31.
4. McLaughlin JB, Castrodale LJ, Gardner MJ, Ahmed R, Gessner BD. Outbreak of Multidrug Resistant *Salmonella* Typhimurium Associated with Ground Beef Served at a School Potluck. *J Food Prot*. 2006;69(3):666-70.
5. McLaughlin JB, DePaola A, Bopp CA, Martinek KA, Napolilli NP, Allison CG, Murray SL, Thompson EC, Bird MM, Middaugh JP. Outbreak of *Vibrio parahaemolyticus* Gastroenteritis Associated with Alaskan Oysters. *N Engl J Med*. 2005; 353:1463-70. (Article selected for Faculty of 1,000 Biology)
6. McLaughlin JB, Gessner BD, Bailey AM. Gastroenteritis Outbreak Among Mountaineers Climbing the West Buttress Route of Denali—Denali National Park, Alaska, June 2002. *Journal of Wilderness and Environmental Medicine*. 2005;16:92-6.
7. McLaughlin J, Middaugh J, Boudreau D, Malcom G, Parry S, Tracy R, Newman W. Adipose Tissue Triglyceride Fatty Acids and Atherosclerosis in Alaska Natives and non-Natives. *Atherosclerosis*. 2005;181:353-62.
8. McLaughlin JB; Middaugh JP; Utermohle CJ; Asay ED; Fenaughty AM; Eberhart-Phillips JE. Changing Patterns of Risk Factors and Mortality for Coronary Heart Disease Among Alaska Natives — Alaska, 1979–2002. *JAMA*. 2004;291:2545.
9. McLaughlin JB; Sobel J; Lynn TV; Funk EA, MPH; Middaugh JP. Botulism Type E Outbreak Associated with Eating a Beached Whale, Alaska. *Emerging Infectious Diseases*. 2004;10:1685-7.
10. McLaughlin JB; Gessner BD; Lynn TV; Funk EA, MPH; Middaugh JP. The Association of Regulatory Issues with an Echovirus 18 Meningitis Outbreak at a Children's Summer Camp in Alaska. *Pediatric Infectious Disease Journal*. 2004;23:875-7.
11. Sobel J, Tucker N, Sulka A, McLaughlin J, Maslanka S. Foodborne Botulism in the United States, 1990-2000. *Emerging Infectious Diseases*. 2004;10:1606-11.

REVIEWS, LETTERS, EDITORIALS

1. Compton MT, Advani A, McLaughlin JB, Tobin-D'Angelo M, Tong E, Frank E. Physicians' Roles in Advocacy and Public Involvement. *JAMA*. 2004;291:2076.

BOOK CHAPTERS AND MONOGRAPHS

1. The Epidemiologic Impact of Toxic Episodes: Neurotoxic Toxins. *Seafood and Freshwater Toxins, Pharmacology Physiology and Detection*. Taylor & Francis Group. Second Edition. 2008.

SELECTED PUBLICATIONS AUTHORED OR COAUTHORED ANONYMOUSLY OR AS PART OF A WORKING GROUP

1. Outbreak of Adenovirus 14 Respiratory Illness — Prince of Wales Island, Alaska, 2008. *Morb Mortal Wkly Rep*. In print.
2. Vulvar Vaccinia Infection After Sexual Contact with a Military Smallpox Vaccinee — Alaska, 2006. *Morb Mortal Wkly Rep*. 2007;56:417-9.
3. Outbreak of Botulism Type E Associated with Eating a Beached Whale — Western Alaska, July 2002. *Morb Mortal Wkly Rep*. 2003;52:24-6.

**SELECTED ORAL PRESENTATIONS GIVEN BY INVITATION AT STATE,
NATIONAL, AND INTERNATIONAL SCIENTIFIC MEETINGS**

1. “Outbreak of Echovirus 18 Meningitis in a Summer Camp — Prince William Sound, Alaska, 2001.” 51st American Society for Tropical Medicine and Hygiene Annual Conference — Denver, Colorado, November 13, 2002.
2. “Adipose Tissue Fatty Acids and Atherosclerosis Among Alaska Natives and Non-Natives — Alaska, 1989–1993.” 53rd Annual Epidemic Intelligence Service Conference — Atlanta, Georgia, March 31, 2003.
3. “Zoonotic Diseases in Alaska.” 68th Annual Educational Conference & Exhibition, National Environmental Health Association — Anchorage, Alaska, May 11, 2004.
4. “Outbreak of *Vibrio parahaemolyticus* Gastroenteritis — Alaska, 2004.” The Annual Alaskan Shellfish Growers Association Meeting — Anchorage, Alaska, December 1, 2004
5. “Outbreak of Norovirus Gastroenteritis along the Iditarod Trail.” Alaska Forum on the Environment Conference — Anchorage, Alaska, February 9, 2005
6. “Outbreak of *Vibrio parahaemolyticus* Gastroenteritis associated with Consumption of Alaskan Oysters.” The International Conference on Molluscan Shellfish Safety and Interstate Shellfish Sanitation Conference — Mobile, Alabama, August 10, 2005.
7. “*Vibrio parahaemolyticus* Gastroenteritis associated with Consumption of Alaskan Oysters.” West Coast Epidemiology Conference. Troutdale, Oregon, October 20, 2005.
8. “*Vibrio parahaemolyticus* Gastroenteritis associated with Consumption of Alaskan Oysters.” Alaska Forum on the Environment — Anchorage, Alaska, February 8, 2006.
9. “Emerging Infectious Diseases in the Arctic.” The 13th International Congress on Circumpolar Health — Novosibirsk, Russia, June 14, 2006
10. “*Vibrio parahaemolyticus* Gastroenteritis associated with Consumption of Alaskan Oysters.” Cross Border Public Health Collaboration Conference — Victoria, British Columbia, Canada, April 14, 2007
11. “Alaska’s Botulism Emergency Response Model.” Regional and National Preparedness Planning Conference for Botulism Emergency Response — Bangkok, Thailand, September 17, 2007
12. “*Vibrio parahaemolyticus* Gastroenteritis associated with Consumption of Alaskan Oysters.” 67th Annual North Central Branch of the American Society for Microbiology Meeting — Marshfield, Wisconsin, October 6, 2007
13. “Alaska’s Botulism Emergency Response Model.” Pediatric Grand Rounds, Providence Alaska Medical Center — Anchorage, Alaska, January 29, 2008
14. “Alaska’s Botulism Emergency Response Model.” Internal Medicine Grand Rounds, Alaska Native Medical Center — Anchorage, Alaska, February 29, 2008
15. “Alaska’s Botulism Emergency Response Model.” Pacific Northwest Cross Border Workshop — Bellingham, WA, 2008
16. “Building a Collaborative Health Impact Assessment Program in Alaska.” Council for State and Territorial Epidemiologists Annual Conference — Buffalo, NY, 2009