

CURRICULUM VITAE

LORRAINE KATHLEEN ALEXANDER Clinical Associate Professor

PERSONAL:

Department of Epidemiology
UNC Gillings School of Global Public Health
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EDUCATION:

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, CHAPEL HILL, NC
School of Public Health
Doctorate of Public Health, Biohazard Science 1990

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, CHAPEL HILL, NC
School of Public Health
Masters of Public Health, Biohazard Science 1985

MICHIGAN STATE UNIVERSITY, EAST LANSING, MICHIGAN
College of Natural Science
Bachelor of Science, Microbiology and Public Health, 1980

PROFESSIONAL

EXPERIENCE:

- 2013-present FACULTY UNC CH – COURSERA MOOC COURSE “Epidemiology the Basic Science of Public Health” The University of North Carolina, Chapel Hill, North Carolina
- 2007-present FACULTY MPH AND MSPH PRACTICUM COORDINATOR, Department of Epidemiology, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2006- CLINICAL ASSOCIATE PROFESSOR, Department of Epidemiology, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2005- DIRECTOR OF DISTANCE EDUCATION. Department of Epidemiology, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina

- 2003- ACADEMIC PROGRAM DIRECTOR, DEVELOPER AND FACULTY, Internet-based Graduate Certificate in Field Epidemiology, Department of Epidemiology and The North Carolina Institute for Public Health, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2007-2009 DISTANCE LEARNING CONSULTANT, Oversee the development and maintenance of a web-based training course shell and resource site in support of the Management for International Public Health training course in collaboration with the U.S. Centers for Disease Control and Prevention (CDC) Sustainable Management Development Program (SMDP).
- 2002 -2003
2006-2008 DISTANCE LEARNING EDUCATION DIRECTOR AND PI, ERIC Project (Epidemiology Research and Information Center), Department of Epidemiology, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina/ERIC at Durham, North Carolina, Department of Veterans Affairs.
- 2002 - DISTANCE LEARNING EDUCATION DIRECTOR, The North Carolina Center for Public Health Preparedness, The North Carolina Institute for Public Health, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2001-2004 INTERNET COURSE DESIGN CONSULTANT, North Carolina Center for Genomics and Public Health, The North Carolina Institute for Public Health, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2000-2002 PROJECT MANAGER, The North Carolina Center for Public Health Preparedness, The North Carolina Institute for Public Health, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2000 - 2002 PROJECT DIRECTOR/EDUCATION PLAN DEVELOPER, UNC Subcontract to Research Triangle Institute Task Order "Innovative Approaches to Training Clinicians for Bioterrorist Attacks" (Using Internet-based training) The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina/ Research Triangle Institute
- 1999 INTERNET COURSE DESIGN CONSULTANT, Dissemination of Clinical Practice Guidelines for Spinal Cord Injury Medicine Project. Department of Health Policy and Administration, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 1998-1999 PROJECT MANAGER/INTERNET COURSE DESIGNER, Measure Project (Monitoring and Evaluation to ASsess and Use Results) Department of Maternal and Child Health, The School of Public Health, The University of North Carolina,

Chapel Hill, North Carolina.

- 1998- 2002 PROJECT MANAGER/INTERNET COURSE DESIGNER, ERIC Project (Epidemiology Research and Information Center), Department of Epidemiology, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina/ERIC at Durham, NC, Department of Veterans Affairs.
- 1998- COURSE COORDINATOR, INTERNET COURSE DESIGNER AND FACULTY, Internet-based “Introduction to Epidemiology for Public Health” Epid 160, Department of Epidemiology, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 1995- CLINICAL ASSISTANT PROFESSOR, Department of Epidemiology, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 1994- COURSE COORDINATOR, COURSE DESIGNER AND FACULTY, Classroom-based “Introduction to Epidemiology for Public Health” Epid 160, Department of Epidemiology, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 1992-1995 RESEARCH ASSOCIATE, Department of Epidemiology, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 1990-1992 POSTDOCTORAL FELLOW, Department of Epidemiology, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 1989 RESEARCH SCIENTIST I, Burroughs Wellcome, Research Triangle Park, North Carolina
- 1985-89 GRADUATE RESEARCH ASSISTANT, Department of Environmental Sciences and Engineering, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 1983-85 GRADUATE TEACHING ASSISTANT, Department of Parasitology and Laboratory Practice and Biohazard Sciences, The School of Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 1980-83 LABORATORY TECHNICIAN, Division of Virology, Michigan Department of Public Health, Lansing Michigan

HONORS:

DELTA OMEGA SOCIETY, National Scholastic Honor Society in Public Health
SIGMA XI, Scientific Research Society
THE PAT MITCHELL POST DOCTORAL FELLOWSHIP AWARD, North Carolina American Heart Association (Most Meritorious Fellowship Applicant) 1993
STUDENT HONOREE, School of Public Health Alumni Association, 1988

BIBLIOGRAPHY:

BOOKS AND BOOK CHAPTERS

Alexander LK, Keene BW and Baric RS. 1995. Echocardiographic and pathologic changes following rabbit coronavirus infection. In: Corona-and related viruses: Current Concepts in Molecular Biology and Pathogenesis. PJ Talbot and GA Levy, eds. Pages 113-15.

Alexander LK, Keene BW, Small JD, Yount BL, and Baric RS. 1993. Electrocardiographic changes following rabbit coronavirus-induced myocarditis and dilated cardiomyopathy. In: Coronaviruses: Molecular Biology and Pathogenesis, Advances in Experimental Medicine and Biology, H. Laude and JF Vautherot eds, Plenum Publishing Corporation. Pages 365-70.

REFEREED PAPERS/ARTICLES:

Zomorodi, Meg PhD, RN, CNL; de Saxe Zerden, Lisa PhD, MSW; Alexander, Lorraine DrPH, MPH; Nance-Floyd, Betty PhD, RN, CNE, CNL; and the Healthcare PROMISE team. Engaging Students in the Development of an Interprofessional Population Health Management Course. Nurse Educator. Published Ahead-of-Print - August 30, 2016

Wallace, J. W., Horney, J. A., Wilfert, R. A., and **Alexander, L. K.** Assessing outcomes of online training: Changes in individual and organizational knowledge and capacity. *Pharmacy*. 2013 Sep 27; 1(2); 107-118.

Alexander LK, Horney JA, Markiewicz M, MacDonald PDM. Ten guiding principles of a comprehensive Internet-based public health preparedness training and education program. *Public Health Rep* 2010;125 Suppl 5, 51-60.

Alexander LK, Wallace JW, Wilfert RA, Horney J. Development of a training web site for public health preparedness continuing education. *J Interact Instr Dev*. 2008;20(1):28-38.

Alexander LK, Dail K, Davis MV, et al. Partnering to meet training needs: A communicable disease continuing education course for public health nurses. *Public Health Rep*. 2008;123 (suppl 2):36-43.

Pia D. M. MacDonald, **Lorraine K Alexander**, Amy Ward, MA Mary V. Davis, DrPH, MSPH. Filling the Gap: Providing Formal Training for Epidemiologists through a Graduate-Level Online Certificate in Field Epidemiology. *Public Health Rep*. 2008;123:669-675.

Alexander LK, Dail K, Davis MV, Hajat A, Rothney EE, Rybka TP, Kipp A, Maillard J, and MacDonald PDM., November 2005. A Pilot Hybrid Internet/Classroom-Based Communicable Disease Continuing Education Course for Public Health Nurses in North Carolina: Lessons Learned. *Journal of Public Health Management and Practice*. (Suppl) S119-122.

Horney JA, MacDonald PDM, Rothney EE, and **Alexander LK**, November 2005. User Patterns and Satisfaction with Online Trainings Completed on the North Carolina Center for Public Health Preparedness Training Web Site. *Journal of Public Health Management and Practice*. (Suppl) S147

Horney JA, Sollecito W, and **Alexander LK**, November 2005. Competency-Based Preparedness Training for Public Health Practitioners. *Journal of Public Health Management and Practice*. (Suppl) S90

Harrison LM, Davis MV, MacDonald PDM, **Alexander LK**, Cline JS, Alexander JG, Rothney EE, Rybka TP, and Stevens RH, 2005. Development and Implementation of a Public Health Workforce Training Needs Assessment Survey in North Carolina. *Public Health Reports*. 2005. 120(Supplement 1): 28-34.
http://www.publichealthreports.org/userfiles/120_SUP1/120028sup.pdf

Hannon, PA, Umble, KE, **Alexander, LK**, Francisco, D, Steckler, A, Tudor, G, & Upshaw, V October 2002. Gagne and Laurillard's models of instruction applied to distance education: A theoretically driven evaluation of an online curriculum in public health. *International Review of Research in Open and Distance Learning*, 3.

Alexander LK, Keene BW, Small JD, Yount BL, Geratz JD, and Baric RS. 1999. Electrocardiographic and pathologic changes following rabbit coronavirus infection. *J of Electrocard* 32: 21-32.

Alexander LK, Small JD, and Baric RS. 1992. An experimental model for dilated cardiomyopathy following rabbit coronavirus infection. *J Inf Dis* 166:978-85.

Edwards, SW, Small, JD, Geratz, JD, **Alexander, LK**, and Baric RS. 1992. An experimental model for myocarditis and congestive heart failure following rabbit coronavirus infection. *J Inf Dis* 165:134-40.

REFEREED UNPUBLISHED ORAL PRESENTATIONS AND/OR ABSTRACTS

Alexander, L., D'Ambrosio, L., Frahm, K., Granillo, B., Hites, L., Wallace; J., Thomas, T., Sager, C., Davis, A., and Dunson, S. The Preparedness and Emergency Response Learning Centers (PERLCs) Knowledge Evaluation Repository: Tools for Evaluating Competency and Capability-Based Emergency Preparedness Education and Trainings. 2016 Preparedness Summit Dallas, TX April 21, 2016

Southwell J, **Alexander L**, Bell G, Anyalechi G, Schenck AP. (2016). Facilitating Cross-Sector Connections: Implementation Research on an Innovative Model for Student-Community Partnership to Improve Health. Poster presented at the Society for Public Health Education 67th Annual Meeting, Charlotte, NC. March 30, 2016

Wilfert RA, **Alexander LK**, Schenk, A. Engaging in collaboration: piloting an interprofessional population health course in a school of public health. Poster Presentation. American Public Health Association 2016 Annual Meeting and Expo; Arlington, VA; March 20-22, 2016

Alexander LK, Wilfert RA, Decosimo, K and Sullivan S. Selecting essential resources for local health department preparedness staff: Building the NC Preparedness Coordinators Online Toolkit, 2013 Public Health Preparedness Summit in Atlanta, Georgia March 12-15, 2013.

Wilfert RA, **Alexander LK**, Cilenti D, Davis M and Orton S. Using national public health competency sets to build continuing education programs for the public health workforce. Talk presented at the 40th Annual Meeting & Exposition San Francisco, CA October 27-31, 2012

George A, Montoya TA, **Alexander LK** and Wilfert RA. Social media and public health professionals: A survey of social media use among users of a public health training web site. Talk presented at the 40th Annual Meeting & Exposition San Francisco, CA October 27-31, 2012

Wilfert RA, **Alexander L**, Montoya T, Umble K, George A. From Training to Job Performance: Developing Best Practices for Transfer of Learning to Ensure a Prepared Workforce. Poster presentation at the 2012 Public Health Preparedness Summit; February 22-24, 2012; Anaheim, CA.

Alexander LK. ASPH-CDC Public Health Preparedness & Response Core Competencies for the Workforce. Oral presentation at: 2011 Public Health Preparedness Summit; February 22-25, 2011; Atlanta, Ga.

Alexander LK, Bradley LN, MacDonald PDM. E-learning readiness assessment among public health practitioners in countries with limited resources. Poster presented at: Consortium of Universities for Global Health 2010 Annual Meeting; September 19-21, 2010; Seattle, Wash.

Alexander LK, Horney J, Markiewicz M, MacDonald PDM. Ten guiding principles of a comprehensive internet-based public health preparedness educational program. Poster presented at: 2010 Public Health Preparedness Summit; February 16-19, 2010; Atlanta, Ga.

Alexander LK, Irwin DE, Nelson AL, Yeatts KB, Wilfert RA, Schoenbach VJ, Horney JA. Enhancing interaction in a graduate-level online certificate program in field epidemiology using wikis, blogs, and web conferencing. Poster presented at American Public Health Association 137th Annual Meeting & Exposition November 7-11, 2009; Philadelphia, Pa.

Alexander LK, Wilfert RA, Van Dole KB, Wallace JW. Traveling down the pathway of competency-based online trainings: Helping learners navigate to meet targeted training needs. Poster presented at: American Public Health Association 137th Annual Meeting and Expo; November 7-11, 2009; Philadelphia, Pa.

Lynch MM, Davis M, Rosselli R, **Alexander LK** and Simeonsson K. Lessons learned from a pilot online course on pandemic influenza preparedness for local health departments in North Carolina. Paper presented at the American Public Health Association 2007 Annual Meeting; November 3-7, 2007; Washington, DC.

Alexander LK, Wallace JW, Wilfert, RA, Griffin J, Horney JA and MacDonald PDM. Maintaining currency and quality in an online distance learning system: Lessons learned. Abstract accepted for the American Public Health Association 2007 Annual Meeting; November 3-7, 2007; Washington, DC.

Gunther-Mohr, C, Wallace JW, **Alexander LK**, Horney JA, Bradley LN and MacDonald PDM. Why take 30-minute preparedness training modules? Participant perceptions regarding utility and effectiveness. Abstract accepted for the American Public Health Association 2007 Annual Meeting; November 3-7, 2007; Washington, DC.

Alexander LK, Horney JA, Wallace JW, Davis M, Wilfert RA and MacDonald PDM. Guiding principles of a comprehensive Internet-based public health preparedness training program. Poster presented at the American Public Health Association 2006 Annual Meeting; November 4-8, 2006; Boston, MA.

Alexander LK, Horney JA, MacDonald PDM. Development, implementation and evaluation of an Internet-based public health preparedness training site for public health professionals. Program and abstracts of the 33rd Annual Meeting of APHA, November 2005.

Alexander LK, Dail K, Davis M, Kipp A, Hajat A, Maillard J, Rothney EE, MacDonald PDM. Ongoing implementation of a hybrid Internet/classroom-based continuing education communicable disease course for North Carolina public health nurses. Program and abstracts of the 33rd Annual Meeting of APHA, November 2005.

Horney JA, Rothney EE, **Alexander LK**, MacDonald PDM. Online training in public health preparedness: Who's using it and what are they learning? Program and abstracts of the 33rd Annual Meeting of APHA, November 2005.

Alexander LK. Knowledge, Application, and Synthesis: Internet-Based Public Health Preparedness Training Options. 2005 presented at the Public Health (PH) Distance Learning Summit: **New Horizons in Distance Learning for Public Health**, Atlanta GA, September 21-23, 2005.

Horney J, Rothney E. **Alexander LK**, MacDonald PDM. "Determining User Satisfaction with Online Public Health Preparedness Training." presented at Academy Health Annual Research Meeting. June 25, 2005.

MacDonald PDM, **Alexander LK**, Mejia GC. "FOCUS on Field Epidemiology: A Practical and Accessible Learning Tool" poster presented at North Carolina Epi Teams Conference. June 8-9, 2005.

Alexander LK. 2001 North Carolina Center for Public Health Preparedness: Health Department/University Participatory Research Model. Centers for Public Health Preparedness/Workforce Development Meeting. Athens, GA September 11-13.

Alexander LK and Place J. 2001. HRSA Training Center and CDC Preparedness Center: A Collaborative Model at UNC, presented at the CDC/HRSA/ASPH Distance Learning and Informatics Conference, The Public Health Informatics and Distance Learning Conference: From Promise to Practice, Columbus, OH, August 5 – 8.

Alexander LK. 2001. An On-line Introductory Epidemiology Course Taught to Public Health Distance Learning Students using WebCT and Blackboard (Course Info) Software. Presented at the CDC/HRSA/ASPH Distance Learning and Informatics Conference, The Public Health Informatics and Distance Learning Conference: From Promise to Practice, Columbus, OH, August 5 – 8.

Alexander L, Shy C, Price M, Cleveland B, Freedman S, and Ibrahim M. 1999. Internet-Based Education for Epidemiology. 17th Annual Veterans Administration Health Services Research and Development Service Meeting. Feb 24-26, Washington DC.

Alexander LK, Keene BW, Small JD, Yount BL, Geratz JD, and Baric RS. 1994. Cardiac Function following rabbit coronavirus infection. Sixth International Symposium on Corona and Related Viruses. Chateau Frontenac, Ville de Quebec, Quebec, Canada 8/27-9/1.

Alexander LK, Keene BW, Small JD, Yount BL, Geratz JD, and Baric RS. 1994. ECG and pathologic characterization of rabbit coronavirus infection. The 12th ACVIM Forum, San Francisco, CA, May, J Coll Vet Int Med 7:145.

Alexander LK, Yount BL, Keene BW and Baric RS. 1993. Electrocardiographic changes associated with rabbit coronavirus infection. International Virology Symposium, Glasgow, Scotland, August.

Alexander, LK, JD Small and Baric RS. 1991. Coronavirus-induced myocarditis and dilated cardiomyopathy in rabbits. American Society for Virology, 10th Annual Meeting 1991. Colorado State University, Fort Collins, CO. July 7-11.

Wilson (**Alexander**), **LK** and Sobsey MD. 1988. Sensitivity of hepatitis A virus and other model enteroviruses to free chlorine in waters of different quality. 88th Annual Meeting of the American Society for Microbiology. Miami Beach, FL. May 8-13.

Wilson (**Alexander**), **LK** and Sobsey MD. 1987. Inactivation of hepatitis A virus by chlorine in water. 1987 American Water Works Association Annual Conference and Exposition, Kansas City, MO. June 14-18.

Wilson (**Alexander**), **LK** and Sobsey MD. 1987. Sensitivity of hepatitis A virus , echovirus 1 and poliovirus 1 to free chlorine. 87th Annual Meeting of the American Society for Microbiology Atlanta, GA. March 1-6.

OTHER UNREFEREED WORKS, INCLUDING PRESENTATIONS AND BOOK REVIEWS

ASPH-CDC Public Health Preparedness & Response Core Competencies for the Workforce. Invited speaker. 2011 Public Health Preparedness Summit, Atlanta, GA 2/23/2011

Centers for Public Health Preparedness Distance Learning Toolkit. 2005. Centers for Public Health Preparedness Distance Learning Exemplar Group. (**Alexander LK** member).

FOCUS on Field Epidemiology. Nov 2003 – present. Internet-based bi-monthly periodical, which addresses basic concepts and key issues in field epidemiology. **2300 subscribers** <http://www.sph.unc.edu/nccphp/focus/index.htm> (English and Spanish)

ERIC Notebook. May 1999 - December 2003. **Updated 2015**. Internet-based bi-monthly periodical, which addresses basic concepts and key issues in epidemiology. **450 subscribers** http://www.sph.unc.edu/courses/eric/eric_notebook.htm

Informatics Competencies for Public Health Professionals. August 2002. Public Health Informatics Competencies Working Group (**Alexander LK** member). <http://healthlinks.washington.edu/nwcphp/phi/comps/>

Effects of Water Quality on the Inactivation of Hepatitis A Virus and Enteroviruses by Free Chlorine. Sobsey, Mark D and **Alexander, Lorraine Wilson** Proceedings of the Water Environment Federation, Disinfection 2002 , pp. 481-492(12) Publisher: Water Environment Federation

Wilson (Alexander) LK and Sobsey, MD. 1987. Inactivation of hepatitis A virus by chlorine in water. In: 1987 Annual Conference Proceedings American Water Works Association, Denver, Co.

TEACHING RECORD:

Graduate Level Courses – all are currently being offered

Co-instructor for *Epidemiology 600, Principles of Epidemiology for Public Health*, (classroom-based) Department of Epidemiology, UNC-CH, Fall and Spring Semester

Co-instructor for *Epidemiology 750, Fundamentals of Public Health Surveillance* (Internet-based) Department of Epidemiology, UNC-CH, Fall Semester

Co-instructor for *Epidemiology 758, Principles and Methods of Applied Infectious Disease Epidemiology*, (Internet-based) Department of Epidemiology, UNC-CH, Summer Semester

Co-instructor for *Epidemiology 759, Methods in Field Epidemiology*, (Internet-based) Department of Epidemiology, UNC-CH, Spring Semester

Co-instructor for *PUBH 810 Population Health in Healthcare*, Public Health Leadership Program, UNC-CH, Fall Semester

Contributing Instructor for *NURS 799 Population Health: Interprofessional Management in a Changing Healthcare System*. School of Nursing, UNC-CH, Fall Semester

Continuing Education Courses (not for university credit)

Co-instructor for *Introduction to Communicable Disease Surveillance and Investigation in North Carolina*, 14 week continuing education course The North Carolina Center for Public Health Preparedness (Internet-based)
Fall and Spring (currently offered)

Distance Education Director and Instructional Designer for *The North Carolina Center for Public Health Preparedness Training Website* Website features ~130 short (1/2 – 1 hour) Internet-based continuing education training courses on public health preparedness, focusing on such topics as epidemiology, surveillance, agents of bioterrorism, and emerging and re-emerging disease agents. Continuing Education Units awarded from UNC CH.
<http://nccphp.sph.unc.edu/training/index.php>

Distance Education Director and Instructional Designer for *The Epidemiologic Research and Information Center (ERIC) “Epidemiology Online” Training Website*. Website features Internet-based short periodical on basic epidemiology methods and cancer epidemiology. Certificates of Completion awarded. <http://eric.unc.edu/>

Veterans Administration Epidemiology Summer Session, hosted by the Durham ERIC, June 2001.

Advising (*Italics Indicates that Student Has Completed Program*)

Masters paper co-advisor, *William Williamson* (Health Policy and Administration, MPH student)

Masters paper co-advisor, *William Crump* (Health Policy and Administration, MPH student)

Masters paper co-advisor, *Jennifer Horney* (Public Health Leadership, MPH student)

Masters paper co-advisor, *Anne Perry* (Public Health Leadership, MPH student)

PROFESSIONAL SERVICE:

Departmental Committees and Activities

1992-1998 Departmental Laboratory Manager and Biosafety Coordinator

1994-1996 Internal Advisory Board

1993-1998 Program in Infectious Diseases Group

1993-1998 Laboratory Committee

1998- Departmental Distance Learning Advisor

2007- Faculty Practicum Coordinator

2008 Epidemiology Website Redesign Committee

2009- Epidemiology Working Group on Teaching Innovation for the Millennial Student

2016- UNC Epidemiology /North Carolina DPH Collaboration Workgroup

School and University Service

School of Public Health, Distance Learning Teaching Guild, Presentation: “Using Online Social Networking Tools in Online Courses” for the guild. June 26, 2008

School of Public Health, Distance Learning Teaching Guild, Presentation: Online Courses: Giving Feedback Without Too Much Pain. July 24, 2001

The University of North Carolina, Provost’s Leadership Workshop: Challenges and Opportunities in Distance Education Panel Member Myths and Realities of Developing and Teaching Distance Education. The Friday Center. January 8, 2002.

School of Public Health, Prepare, Respond and Recover: The Role of a Public Health Leader in a Disaster. Public Health Leadership Program Spring Leadership Seminar, Section Moderator, March 22, 2002

The University of North Carolina, Mellon Foundation Grant Proposal on Teaching and Technology: Review Committee (reviewed nominated proposals for Mellon grant) May 2002

School of Public Health, North Carolina Institute for Public Health, Online Learning Kick-off Presentation: Distance learning in the North Carolina Institute for Public Health. February 16, 2004,

School and University Committees:

Chancellor's Laboratory Environment Workplace Safety Committee, Chair 1993-
Online Core Courses Curriculum Development Group 1998-1999
School of Public Health Distance Learning Teaching Guild 2000-
School of Public Health Internet Site Stakeholders 2001
University Safety and Security Committee 2002-
School of Public Health, Public Health Leadership Program, Spring Leadership Seminar Planning Committee 2002
Certificate Program in the Management of Community and Public Health Disasters Planning Committee 2002
The Life Long Learning Center (LLLC) of the North Carolina Institute for Public Health, Planning and Development Committee 2004
University of North Carolina, North Carolina Distance Online Registration Committee UNC ALL 2004-2011
School of Public Health Distance Learning Committee 2005-
North Carolina Institute for Public Health/School of Public Health - Department of Epidemiology Liaison 2008-
UNC Sakai (Learning management platform) Transition Advisory Committee 2010-2012
Practice Leads Committee Gillings School of Global Public Health 2014-
Global MPH Task Force: Gillings School of Global Public Health 2014-

SERVICE TO THE STATE OF NORTH CAROLINA

North Carolina Bioterrorism Steering Committee 2001-2002

Planning, development and delivery of *Introduction to Communicable Disease Surveillance and Investigation in North Carolina Course* with the General Communicable Disease Control Branch in the Epidemiology Section of the North Carolina Division of Public Health.

Development of online North Carolina Preparedness Coordinators Toolkit which serves as a training and resource guide to aid Preparedness Coordinators and other local health department staff in meeting core public health preparedness competencies and capabilities. 2013

NATIONAL SERVICE

National Public Health Informatics Competencies Working Group. 2002.
Centers for Disease Control and Prevention Exemplar Group for Distance Learning Preparedness Education 2004-05

Centers for Disease Control and Prevention Collaborative Group for Preparedness-Track
Graduate Student Follow-Up 2005-06
Pre-Distance Learning Summit Think-Tank for Preparedness Education and Training
Coordinators. Centers for Disease Control and Prevention, Sept 21, 2005
Preparedness and Emergency Response Learning Centers (PERLC) Sub-Competency
Development Workgroup, Centers for Disease Control and Prevention, 2010-2013
Preparedness and Emergency Response Learning Centers (PERLC) Evaluation Workgroup,
Centers for Disease Control and Prevention, 2011-2013