

## CURRICULUM VITAE

### LORRAINE KATHLEEN ALEXANDER Clinical Associate Professor

#### PERSONAL:

Department of Epidemiology  
UNC Gillings School of Global Public Health  
2105G McGavran-Greenberg Hall  
Chapel Hill, NC 27599-7435

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Lorraine\_Alexander@unc.edu

#### EDUCATION:

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

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, CHAPEL HILL, NC  
Gillings School of Global 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:

- 2021- MPH@UNC LEADERSHIP IN PRACTICE CONCENTRATION FACULTY  
MENTOR, Public Health Leadership Program, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2019- MPH APPLIED EPIDEMIOLOGY CONCENTRATION FACULTY **PRACTICUM**  
MENTOR, Department of Epidemiology, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2018-present PROGRAM EVALUATOR Combination Sexual Assault Nurse Examiner (SANE)  
Program for Rural Areas of Eastern North Carolina. School of Nursing UNC CH.
- 2018-present COORIDINATOR, North Carolina Partnership for Excellence in  
Applied Epidemiology, Department of Epidemiology, UNC Gillings School of  
Global Public Health; the North Carolina Division of Public Health  
Communicable Disease Branch, NC Department of Health and Human Services  
and the North Carolina Institute for Public Health, UNC Gillings School of  
Global Public Health
- 2018-present INTERPROFESSIONAL EDUCATION AND PRACTICE DIRECTOR, UNC Gillings  
School of Global Public Health, The University of North Carolina, Chapel  
Hill, North Carolina

- 2017-present FACULTY TEACHING ASSISTANT COORIDINATOR Department of Epidemiology, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2013-present FACULTY UNC CH – COURSERA MOOC COURSE “Epidemiology the Basic Science of Public Health” The University of North Carolina, Chapel Hill, North Carolina
- 2007-2019 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-present CLINICAL ASSOCIATE PROFESSOR, Department of Epidemiology, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 2003-present ACADEMIC PROGRAM DIRECTOR, DEVELOPER AND FACULTY, Internet-based Graduate Certificate in Field Epidemiology, Department of Epidemiology and The Public Health Leadership Program, UNC Gillings School of Global 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, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina and ERIC at Durham, North Carolina, Department of Veterans Affairs.
- 2002 - DISTANCE LEARNING EDUCATION CONSULTANT, The North Carolina Institute for Public Health, UNC Gillings School of Global 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, UNC Gillings School of Global 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, UNC Gillings School of Global 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) UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina and 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, UNC Gillings School of Global 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, UNC Gillings School of Global Public Health, UNC CH, Chapel Hill, NC
- 1998- 2002 PROJECT MANAGER/INTERNET COURSE DESIGNER, ERIC Project (Epidemiology Research and Information Center), Department of Epidemiology, The School of Public Health, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina and 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, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina
- 1995- CLINICAL ASSISTANT PROFESSOR, Department of Epidemiology, UNC Gillings School of Global 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, UNC Gillings School of Global 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, UNC Gillings School of Global 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, UNC Gillings School of Global 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:

### REFEREED PAPERS/ARTICLES:

Zomorodi, Meg PhD, RN, CNL; de Saxe Zerden, Lisa PhD, MSW; Nance-Floyd, Betty PhD, RN, CNE, CNL, **Alexander, Lorraine DrPH, MPH**, Rachel Wilfert, MD, MPH, and Julie Byerley, MD, MPH. Impact of an Interprofessional Population Health Course and Clinical Immersion Experience: Students and Practice Outcomes. *Journal of Interprofessional Education & Practice*, Volume 9, December 2017, Pages 91-94.

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*: January/February 2017 - Volume 42 - Issue 1 - p 5–7.

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](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.

#### **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 UNPUBLISHED ORAL PRESENTATIONS AND/OR ABSTRACTS**

Meg Zomorodi, PhD, RN, CNL, Meredith Bazemore, MPA and **Lorraine Alexander, DrPH** The Rural Interprofessional Health Initiative: Engaging partners through interprofessional education and practice. Nexus Summit 2019 - Optimizing the Interprofessional Clinical Learning Environment: Better Care, Better Value, Better Education! Minneapolis, MN, August18-20, 2019. Oral Presentation

Meg Zomorodi, PhD, RN, CNL, Phil Rodgers, PHARMD, FCCP, Kate Ciarrocca, DMD, MSED, Madeline Neal, BS and **Lorraine Alexander, DrPH**. Step by Step—Developing a strategic plan for institutionalizing interprofessional education and practice. Nexus Summit 2019 - Optimizing the Interprofessional Clinical Learning Environment: Better Care, Better Value, Better Education! Minneapolis, MN, August18-20, 2019. Oral Presentation

Meg Zomorodi PhD, RN, CNL; Lisa Zerden PhD, MSW, Rachel Wilfert MD, MPH; **Lorraine Alexander DrPH, MPH Engaging** students in primary care: An interprofessional approach NC AHEC Statewide Conference: Navigating Future Directions for NC AHEC, Innovation – Collaboration – Communities. The Friday Center, Chapel Hill December 7, 2017

**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. 17<sup>th</sup> 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*. 2003-2008. Internet-based bi-monthly periodical, which addresses basic concepts and key issues in field epidemiology.

*ERIC Notebook*. 1999-2003 Updated **2015 with version 2.0**. Internet-based bi-monthly periodical, which addresses basic concepts and key issues in epidemiology.

Informatics Competencies for Public Health Professionals. August 2002. Public Health Informatics Competencies Working Group (**Alexander LK** member).

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**

Co-Instructor for *PUBH 810 Population Health: Interprofessional Management in a Changing Healthcare System* Public Health Leadership Program, UNC-CH, Fall and Spring Semester

Co-Instructor for *PUBH 811 Population Health in Healthcare Field Work (Interprofessional Course)* Public Health Leadership Program, UNC-CH, Spring Semester

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

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

Co-instructor for *Epidemiology 600, Principles of Epidemiology for Public Health*, (Internet-based) Department of Epidemiology, UNC-CH, Summer and Fall Semesters

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

Instructor for *EPID 900 Epidemiology Practice*  
Department of Epidemiology, Fall and Spring Semesters

## Continuing Education Courses (not for university credit)

Co-instructor for *Interprofessional Population Health a Continuing Education Course for Health Care Professionals*. (2018). An Internet-based continuing education course composed of 6 online modules (Population Health, Quality Care, Needs Assessment, Care Coordination, Engagement and Motivational Interviewing, and Cost and Risk Assessment)

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)

Distance Education Director and Instructional Designer for *NCIPH 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. <https://nciph.sph.unc.edu/tws/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.

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

## Advising

2021- MPH@UNC LEADERSHIP IN PRACTICE CONCENTRATION FACULTY MENTOR, Public Health Leadership Program, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina

2019- MPH APPLIED EPIDEMIOLOGY CONCENTRATION FACULTY **PRACTICUM** MENTOR, Department of Epidemiology, UNC Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, North Carolina

## **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
2008	Epidemiology Website Redesign Committee
2009	Epidemiology Working Group on Teaching Innovation for the Millennial Student

### **School and University Service**

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

Organizing Course Content and Activities onto a Single Sakai Page. Invited presenter and panel member. CFE's 6th Annual Faculty Showcase on Teaching Friday, March 24, 2017, UNC CH

Keep Teaching COVID-19 Remote Teaching Consultant 2020

Faculty Advisor for the "UNC-CH Gillings School of Global Public Health Interprofessional Education Student Interest Group"

Carolina COVID-19 Student Services Corps (Carolina CSSC) Faculty Liaison for Gillings

### **School and University Committees:**

Chancellor's Laboratory Environment Workplace Safety Committee, Chair 1993-  
Online Core Courses Curriculum Development Group 1998-1999  
Gillings Global School of Public Health Distance Learning Teaching Guild 2000

University Safety and Security Committee 2002-  
Gillings Global 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 Lifelong 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  
Gillings Global 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  
Gillings Global School of Public Health Workforce Development Group 2017-  
APE/ILE Subcommittee for Gillings One MPH 2017-  
The Health Affairs IPE (Interprofessional Education) Steering Committee 2017-  
Blending the Blues Steering Committee, UNC and Duke IPE (Interprofessional Education) 2018-  
Office of Interprofessional Education and Practice (IPEP) 2018-

## **SERVICE TO THE STATE OF NORTH CAROLINA**

North Carolina Bioterrorism Steering Committee 2001-2002

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

North Carolina Public Health Training Center Collaborative (University of North Carolina Wilmington)  
member 2016-

## **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

[http://www.phf.org/programs/preparednessresponse/evaluationrepository/Pages/Evaluation\\_Repository\\_Introduction.aspx](http://www.phf.org/programs/preparednessresponse/evaluationrepository/Pages/Evaluation_Repository_Introduction.aspx)