

## LAUREN N. BRADLEY

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### Summary of Professional Experience

Lauren N. Bradley is currently a research public health analyst in the Biostatistics and Epidemiology Division at RTI International. She has more than 12 years of experience in public health, with a particular focus on issues pertaining to environmental health; public health laboratories; public health preparedness; field epidemiology training and education; medical education; curriculum design, development, and implementation; evaluation and assessment; and research.

Prior to joining RTI, Ms. Bradley served as a curriculum management, development, and design specialist at the Wake Forest University School of Medicine (WFSM). In this capacity, she worked collaboratively with educational leaders and teaching faculty to provide leadership and expertise in curriculum development, implementation, and monitoring; program evaluation; student assessment; and medical education research and scholarship. During her initial time at WFSM, Ms. Bradley served as the clinical education program manager. In this capacity, she directed the Standardized/Simulated Patient Program, working with academic leadership and teaching faculty to develop and implement an integrated clinical skills curriculum.

From 2006 to 2012, Ms. Bradley served as a research associate at the University of North Carolina at Chapel Hill (UNC-CH) Gillings School of Global Public Health's Center for Public Health Preparedness (UNC CPHP). At the UNC CPHP, she supported planning, oversight, curriculum development, implementation, and evaluation activities pertaining to both domestic and internationally focused public health training and educational programs. Ms. Bradley also performed extensive research related to readiness for distance-based learning in under-resourced countries. Additionally, she coordinated Center-wide marketing, networking, and communicating efforts; participated in proposal-writing; supported the development and dissemination of published materials; and oversaw Institutional Review Board (IRB) processes.

Ms. Bradley's additional past work experience includes serving as the Environmental Health program manager at the Association of Public Health Laboratories (APHL) and as an Association of Schools of Public Health (ASPH) environmental health fellow with the U.S. Environmental Protection Agency's (EPA) National Homeland Security Research Center. At APHL, she engaged in public health policy work pertaining to human biomonitoring, chemical terrorism preparedness, and drinking water quality issues. During her time as an environmental health fellow, Ms. Bradley conducted research regarding the feasibility of linking water quality monitoring data with surveillance data streams from poison control centers in order to detect and respond to deliberate and/or accidental contaminations of the U.S. water supply. While with EPA, her work also focused on issues regarding the development of biological risk assessment methodology and radiological and cybersecurity preparedness measures.

### Education

MHS, Johns Hopkins University, Baltimore, MD, 2003.

BS, Health Sciences, James Madison University, Harrisonburg, VA, 2002. (Graduated summa cum laude)

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## Professional Experience

- 2015 to date RTI International, Research Triangle Park, NC.
- Research Public Health Analyst 2 (2015 to date). Conducts international research aimed at assisting with the implementation of a biosurveillance workforce development project in Guinea. Collaborates with a country-based team to ensure timely and high-quality implementation of the study. Provides support through assessments, training, guidance, and capacity building.
- 2012 to 2015 Wake Forest University School of Medicine, Winston-Salem, NC.
- Curriculum Management Development and Design Specialist (2014 to 2015). Served as a member of the Liaison Committee on Medical Education (LCME) Self-Study Writing Team. In that capacity, conducted research, wrote narratives, completed the Data Collection Instrument (DCI), and played an integral role in preparing the institute for the 2016 LCME accreditation process. Worked collaboratively with educational leadership, clinicians, and faculty to oversee curricular planning, mapping and tracking of the Doctor of Medicine (MD) curriculum, assure longitudinal integration of content, and assist in the collection of curricular process and outcomes data. Assisted course directors with planning, designing, developing, and implementing course elements. Monitored and mapped the overall curriculum and topic-specific curriculum content to ensure achievement of institutional educational and objectives. Performed ongoing curriculum analyses to identify gaps and, therefore, implement improvements, policies, and procedures to ensure a comprehensive longitudinal medical curriculum. Helped manage educational protocol development and program evaluation concepts, application, and standards. Participated in ongoing and comprehensive reviews of the curricula (both courses and clerkship components) to assess the longitudinal curricula for items such as topic integration, service learning, interprofessional education, and student learning climate.
- Clinical Education Program Manager (2012 to 2014). Directed the Standardized Patient Program within the Office of Medical Education. Orchestrated recruitment, interviewing, hiring, and training of standardized patients. Provided expertise in the management, implementation, and support of clinical skills teaching, assessment, and evaluation activities. Collaborated with clinical faculty to create simulated clinical scenarios by using standardized patients and other methods to meet clinical skills objectives. Prepared and oversaw the annual budget for clinical skills development and assessment, including oversight of replacement and purchase of educational equipment. Worked collaboratively with academic leadership, clinical and basic sciences faculty, and clerkship directors to develop and implement an integrated clinical skills curriculum and associated assessment activities. Provided staff coordination and oversight for Foundations of Clinical Medicine, a longitudinal course consisting of seven distinct clinical skills oriented courses throughout the first and second years of the medical curriculum.
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- 2006 to 2012                      University of North Carolina at Chapel Hill, Gillings School of Global Public Health, Chapel Hill, NC.
- Program Coordinator, UNC Preparedness and Emergency Response Learning Center (2012). Managed the Centers for Disease Control and Prevention–funded Preparedness and Emergency Response Learning Center (PERLC) at UNC-CH. Managed the development of curriculum materials in a variety of formats, including face-to-face and distance learning, focused on field epidemiology, public health laboratories, and other public health preparedness topics for U.S. and international public health professionals.
- Research Associate (2006 to 2012). Oversaw Center-wide marketing, networking, and communication efforts and coordinated the development and dissemination of published materials. Participated in grant-writing efforts to obtain and sustain Center funding. Directed evaluation activities regarding training sessions, courses, conferences, and other research projects through the design, dissemination, data collection, and analysis of various survey instruments. Oversaw IRB activities for the UNC CPHP. Planned and orchestrated various training sessions, conferences, and courses through tasks such as developing agendas, recruiting speakers, applying for continuing education credits, managing venue logistics, marketing the events, and developing supporting materials. Trained state public health employees on how to use the North Carolina Electronic Disease Surveillance System, an online communicable disease reporting system being implemented in local health departments in the state. Designed and conducted assessments tools to determine readiness and capacity for implementation of distance-based learning initiatives in the international public health community.
- 2004 to 2006                      Association of Public Health Laboratories, Silver Spring, MD.
- Environmental Health Program Manager 1 and 2. Served as an information resource for all member public health laboratories regarding various environmental health programs and policies at the federal level. The programs and policies focused on safe drinking water, water, clean air, laboratory preparedness and response, and human biomonitoring. Created guidance documents to assist member laboratories in responding federal government funding opportunities. Developed surveys to assess member laboratory capacity and capability for environmental health testing. Participated in federal, state, non-profit, and private stakeholder meetings to promote the value of state laboratories. Provided scientific and logistical support to ad hoc environmental health–related committees. Managed the program budget and assisted in preparing annual cooperative agreements and grant funding. Assisted in development of APHL’s environmental health policy.
- 2003 to 2004                      Association of Schools of Public Health/U.S. Environmental Protection Agency, Washington, DC.
- Environmental Health Fellow, Office of Research and Development, National Homeland Security Research Center. Was one of the 11 fellows selected nationwide. Researched the feasibility of linking public health surveillance and drinking water quality monitoring data for rapid detection of drinking water contaminants. Helped develop preliminary methodology for conducting
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biological risk assessments. Participated in research regarding critical infrastructure interdependencies and cyber-security issues affecting drinking and wastewater systems. Developed briefing materials for the federal Subcommittee on Standards, which was working to establish remediation and decontamination levels for radiological events.

2003

Herring Run Watershed Association, Baltimore, MD.

Community Outreach Intern (January to May). Engaged in environmentally based community development through research, interim reporting, community profiling, and grant projects. Conducted field work, including stream monitoring and clean-up and the construction of bio-retention systems.

## **Professional Associations**

Association of Standardized Patient Educators

## **Special Courses**

Business Essentials Certificate, UNC-CH, 2009

## **Languages**

Spanish and Italian (fluent)

## **Books, Book Chapters, and Monographs**

Stehr-Green, J., Stehr-Green, P., Nelson, A., Bradley, L., & Rice, D. (2012). Public Health Laboratory's Role in Field Epidemiology and Outbreak Investigation. *Methods in Field Epidemiology*, Sudbury, MA: Jones and Bartlett. ISBN-13: 9780763784591.

## **Peer-Reviewed Journal Articles**

DiSano [Bradley], L. N. (2006). Measuring up: Examining the need to establish state-based biomonitoring programs. *Journal of Environmental Health*, 69 (5), 32–33.

DiSano [Bradley], L. N. (2005). Preparedness of state laboratories in jeopardy-the need to address the environmental testing crisis. *ECOStates: The Journal of the Environmental Council of the States*, 20–23. Available at [http://www.aphl.org/aphlprograms/environmental-health/Documents/ECOStates\\_summer\\_2005.pdf](http://www.aphl.org/aphlprograms/environmental-health/Documents/ECOStates_summer_2005.pdf)

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## Presentations and Proceedings

Bradley, L. N., Wilfert, R. A., Montoya, T. A., Umble, K., & Alexander, L. K. (2011, October 29–November 2). *Design and implementation of a uniform center-wide evaluation strategy using the Kirkpatrick Model*. Presented at the Annual Meeting and Exposition of the American Public Health Association, Washington, DC.

George, A., Montoya, T. A., Bradley, L. N., Alexander, L. K., & Wilfert, R. A. (2012, October 27–31). *Social media and public health professionals: A survey of social media use among users of a public health training web site*. Presented at the Annual Meeting and Exposition of the American Public Health Association, San Francisco, CA.

Alexander, L. K., Bradley, L. N., & MacDonald, P. D. M. (2010, November 6–10). *Piloting of an e-learning readiness assessment tool for public health professionals in countries with limited resources*. Poster presented at the Annual Meeting and Exposition of the American Public Health Association, Denver, CO.

Alexander, L. K., Bradley, L. N., & MacDonald, P. D. M. (2010, September 19–21). *E-learning readiness assessment among public health practitioners in countries with limited resources*. Poster presented at the Annual Meeting of the Consortium of Universities for Global Health Meeting, University of Washington, Seattle, WA.

DiBiase, L., Sloane, A. B., Davis, M. K., Bradley, L. N., Scott, M. E. & Wilfert, R. A. (2009, November 7–11). *Moving to an electronic disease surveillance system: Lessons learned from a trainer's perspective in designing and delivering a comprehensive statewide training program for local health departments*. Presented at the Annual Meeting and Exposition of the American Public Health Association, Philadelphia, PA.

Gunther-Mohr, C., Wallace, J. W., Alexander, L., Bradley, L. N., Horney, J., & MacDonald, P. D. M. (2007, November 3–7). *Why take 30 minute preparedness training modules? Participant perception of utility and effectiveness*. Poster presented at the Annual Meeting and Exposition of the American Public Health Association, Washington, DC.

Gunther-Mohr, C., Porter, R., Wallace, J. W., Bradley, L. N., & Horney, J. (2007, November 3–7). *Timing is everything: The key to maximizing response rates to online evaluation*. Poster presented at the Annual Meeting and Exposition of the American Public Health Association, Washington, DC.

DiSano [Bradley], L. N. (2005, December 10–14). *Chemical terrorism preparedness in state public health laboratories: Results and discussion of APHL's 2004 chemical terrorism preparedness survey*. Presented at the Annual Meeting and Exposition of the American Public Health Association, Philadelphia, PA.

## Technical Reports

Association of Public Health Laboratories (2012, May). *Public health laboratories: protecting the nation's health, 2012 association of public health laboratories all-hazards preparedness report*. Available at [http://www.aphl.org/AboutAPHL/publications/Documents/PHPR\\_2012May\\_All-Hazards-Report.pdf](http://www.aphl.org/AboutAPHL/publications/Documents/PHPR_2012May_All-Hazards-Report.pdf)

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DiSano [Bradley], L. N. (2006, October). Unfamiliar territory: Assessing the volume and types of unknown samples received by the nation's state public health laboratories. Prepared for the Association of Public Health Laboratories. Available at [http://www.aphl.org/AboutAPHL/publications/Documents/PHPR\\_2006Oct\\_Unfamiliar-Territory-Assessing-Volume-and-Types-of-Unknown-Sample-Received-by-State-Public-Health-Labs.pdf](http://www.aphl.org/AboutAPHL/publications/Documents/PHPR_2006Oct_Unfamiliar-Territory-Assessing-Volume-and-Types-of-Unknown-Sample-Received-by-State-Public-Health-Labs.pdf)

Association of Public Health Laboratories (2006, March). Ready, set, respond: chemical terrorism preparedness in the nation's state public health laboratories. Available at [http://www.aphl.org/Documents/Global\\_docs/chemical\\_terrorism\\_3-06.pdf](http://www.aphl.org/Documents/Global_docs/chemical_terrorism_3-06.pdf)

Association of Public Health Laboratories (2005, April). CT scan: Chemical terrorism preparedness in the nation's state public health laboratories. Available at [http://www.aphl.org/AboutAPHL/publications/Documents/PHPR\\_2005April\\_Chemical-Terrorism-Preparedness-State-PHLs.pdf](http://www.aphl.org/AboutAPHL/publications/Documents/PHPR_2005April_Chemical-Terrorism-Preparedness-State-PHLs.pdf)

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