Megan Hoert Hughes, MEM

 (419) 654-0540

meganhughes@unc.edu

**PROFESSIONAL** ***Senior Program Manager*** with demonstrated success leading evidence-based

**SUMMARY** research, policy, and education-focused environmental and public health initiatives. Expertise in grant writing/management, science communication, and teaching to diverse audiences. Significant training and experience promoting diversity, equity, and inclusion practices, including effective mentorship, in research settings. Highly transferable project leadership, organizational, and communication skills.

**EXPERIENCE** **STEM Pathways Program Manager**

 Institute for the Environment, University of North Carolina, Chapel Hill, NC

 Co-author on health impacts of unconventional natural gas (fracking) project.Co-Principal Investigator (co-PI) for Geoscience and Environmental Health Internship Program with Robeson County, NC youth. Lead program manager and facilitator for 21st Century Environmental Health Scholars Program for UNC-CH and North Carolina Central University (NCCU) undergraduates. Collaborator with NC Childhood Lead Poisoning Prevention and NC Healthy Homes to create culturally relevant communication strategies and tools for diverse audiences. Program management skills include research and scientific writing, grant writing and management, program evaluation, data visualization, oral presentation, budget management, and collaboration with on and off campus partners.

 Nov 2012-present

 **Environmental Consultant,** Skeo Solutions, Charlottesville, VA

 Conducted interviews, synthesized program documents, and drafted a 100-page Sustainability Workbook to tell the stories of four Environmental Justice projects in South Carolina. The workbook was designed to follow the steps of EPA’s Environmental Justice Collaborative Problem Solving Model and included a Resource Toolkit. Some of the achievements highlighted in the workbook growing grassroots support within communities, building more effective organizations, and creating/strengthening partnerships. Sept 2012-Nov 2012

 **Program Manager**, Environmental Finance Center, University of Maryland,

 College Park, MD

Managed stormwater program and projects related to watershed protection throughout EPA Region 3, including policy analysis, grant writing, grant management, and creating budgets. Specific projects included conducting land use scoping study for Chesapeake Bay Funders Network, drafting financing recommendations for Sassafras River Association, and conducting stormwater finance analysis for Delaware County, PA and Ocean City, MD. Mar 2008-June 2012

 **Lecturer**, Environment, Technology, and Economy College Park Scholars Program,

 University of Maryland, College Park, MD

Developed syllabus, course activities, and policies for three sections of Introduction to Environmental Ethics for sophomore-level Scholars students. Instructed three hours each week throughout the semester and held office hours and mentoring sessions as needed. Developed autobiography project for final assignment. Aug 2008-Dec 2008

 **Instructor & Internship Coordinator**, Center for Environmental Programs

 Bowling Green State University, Bowling Green, OH

Managed 125 undergraduates per semester. Developed syllabi, course outlines, presentations, field experiences, and reading/writing activities for introductory and advanced Environmental Programs courses. Created and facilitated original curriculum focused on human population, waste, landuse, ecology, air/water pollution, food systems, energy, environmental justice, and sustainable systems. Selected to teach sections in support of BGSU’s online learning, small class, values, and service learning initiatives. Directed Women in Science program. Jun 2003-Aug 2007

 **Environmental Scientist**, Environmental Consulting and Research, Inc.,

 Chapel Hill, NC

 Provided contractor support to the Environmental Protection Agency’s Office of Air Quality Planning and Standards. Coordinated with Regional Planning Organizations to address air quality in National Parks, summarized public comment for proposed federal rulemakings and created Innovative Strategies database. Jun 2001-2003

**EDUCATION** **MASTER OF ENVIRONMENTAL MANAGEMENT**

 Nicholas School of the Environment

 Duke University, Durham, NC

 *Concentration*: Resource ecology. Courses in natural resource management, GIS, data analysis, survey design, science communication.

**BACHELOR OF ARTS**

University of North Carolina at Wilmington, Wilmington, NC

 *Major*: Environmental studies. Courses in environmental law and ethics, Spanish, statistics, wildlife ecology, ornithology, environmental chemistry.

 *Honors*: National Science Scholar.

**TRAININGS &** Center for the Improvement of Mentored Experiences in Research (CIMER), **CERTIFICATIONS** Trained Facilitator for *Entering Mentoring*, Mar 2023.

Durham Organizing Against Racism, Latinx Challenges Workshop, Jan 2023.

Diversity, Equity, and Inclusion in Research (DEIR) Certificate, UNC Odum Institute for Research in Social Science, University Office for Diversity and Inclusion, and the Office of the Vice Chancellor for Research, Dec 2021.

Red Cross Certificate for Adult and Pediatric First Aid/CPR/AED, June 2018.

 Opening Doors: A Personal and Professional Journey, Diversity Workshop, UNC School of Medicine, June 2015.

 Organizing Against Racism, Racial Equity Institute, Racial Equity Workshop – Phase I, Dec 2014.

 National Healthy Homes Training Center and Network: Essentials for Healthy

 Homes Practitioner’s Course, Mar 2013.

 Collaborative Institutional Training Initiative (CITI) Human Research

 Basic Course, Dec 2012, Dec 2023.

**SELECTED** Korfmacher, KS, Elam, S, Gray, KM, Haynes, E, Hoert Hughes, M. **Health**

**PUBLICATIONS** **impacts of unconventional natural gas development: A comparative assessment of community information needs in New York, North Carolina, and Ohio.** Reviews on Environmental Health 2014;29(4): 293-306.

 21st Century Environmental Health Scholars: <https://ie.unc.edu/cpes-project/21st-century-environmental-health-scholars/>

 Geoscience and Environmental Health Internship Program: <https://ie.unc.edu/cpes-project/geo-health-internships/>

 NC Healthy Homes: <https://nchealthyhomes.com/>