

# *Meet our Faculty*

*Doctor of Public Health (DrPH)  
Environmental and Occupational Health Program*



Core DrPH faculty (from left to right);

Mr. William Hill, Dr. Lok Pokhrel, Dr. Charles Humphrey, Dr. Stephanie Richards, Dr. Jo Anne Balanay, Dr. Sinan Sousan, Dr. Greg Kearney, and Dr. Guy Iverson

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**Greg Kearney, DrPH, MPH, REHS**

*Associate Professor and DrPH Program Director*

*Department of Public Health, Brody School of Medicine*

*Research Interests: Environmental Public Health Practice, Epidemiology, Child Asthma, Farmworker Health, Climate Change and Vulnerable Populations, Rural Health*

*Contact Info: 252-744-4039 - [kearneyg@ecu.edu](mailto:kearneyg@ecu.edu)*



**Stephanie Richards, PhD, MSEH**

*Professor and MSEH Program Director*

*Department of Health Education and Promotion, College of Health and Human Performance*

*Research Interests: Vector Biology, Mosquito-Virus Interactions, Vector Competence, Mosquito Control, Insecticide Resistance.*

*Contact Info: 252-328-2526 – [richardss@ecu.edu](mailto:richardss@ecu.edu)*



**Jo Anne Balanay, PhD, MS, CIH**

*Associate Professor*

*Department of Health Education and Promotion, College of Health and Human Performance*

*Research Interests: Application of Activated Carbon Fibers on Respiratory Protection, Occupational Exposure Assessment, Use and Effectiveness of Personal Protective Equipment*

*Contact Info: 252-737-1474 – [balanayj@ecu.edu](mailto:balanayj@ecu.edu)*



**Lok Pokhrel, MSc, MS, PhD**

*Assistant Professor*

*Department of Public Health, Brody School of Medicine and Department of Health Education and Promotion, College of Health and Human Performance*

*Research Interests: Nanotoxicology (Human Toxicology and Ecotoxicology), Nano-Technology/Drug Discovery and Development, Nano-Bio Interactions and Surface Chemistry, Risk Assessment of Legacy and Emerging Contaminants, Water Quality Assessment, and Microbial Resistance*

*Contact Info: 252-737-5587 – [pokhrell18@ecu.edu](mailto:pokhrell18@ecu.edu)*



**Sinan Sousan, PhD, MSc**

*Assistant Professor*

*Department of Public Health, Brody School of Medicine and NC Agromedicine Institute*

*Research Interests: Airborne Exposure Science; Chemical and Biochemical Engineering, Occupational and Environmental Exposure Assessment, Prevention, and Control (Airborne and Physical Hazards), Agricultural Safety and Health, Indoor Air Quality and Air Treatment, Aerosol Generation, Sampling, Control, Detection, and Characterization, Development of Low-cost Air Quality Monitors for Exposure Assessment, Bioaerosol Sampling and Treatment, and Air Quality Modeling.*

*Contact Info: 252-744-2947 - [sousans18@ecu.edu](mailto:sousans18@ecu.edu)*





**Charles Humphrey, PhD**

*Professor*

*Department of Health Education and Promotion, College of Health and Human Performance*

*Research Interests: Evaluating Pollutant Removal Efficiencies of Wastewater Treatment Systems, Stormwater Management, Land Use Impacts on Groundwater and Surface Water, Implementation and Monitoring of Various Best Management Practices to Improve Water Quality.*

*Contact Info: 252-737-1479 – humphreyc@ecu.edu*



**William Hill, MSA, BSEH**

*Teaching Instructor, Internship Coordinator, Advisor, and BSEH Program Director*

*Department of Health Education and Promotion, College of Health and Human Performance*

*Contact Info: 252-737-1475 -hillw@ecu.edu*



**Guy Iverson, PhD**

*Assistant Professor*

*Department of Health Education and Promotion, College of Health and Human Performance*

*Research Interests: Surface Water and Groundwater Quality, Nutrient Cycling in Aquatic Environments, Human and Animal Wastewater Management Systems, Geospatial Analysis.*

*Contact Info: 252-737-2014 - iversong18@ecu.edu*



**Timothy Kelly, MEd, PhD**

*Professor*

*Department of Health Education and Promotion, College of Health and Human Performance*

*Research Interests: Waste Disposal and Treatment to Minimize Environmental Health*

*Microbiological and Chemical Hazards and Associated Risks to Humans and Our Environment.*

*Contact Info: 252-737-2225 – kelleyt@ecu.edu*



**Paul Knechtges, PhD, MS, REHS**

*Adjunct Professor*

*Department of Public Health, Brody School of Medicine*

*Environmental Health and Risk Communication*

*Research Interests: Risk Analysis with Emphasis on Microbial Risk Assessment, Systems Analysis*

*Methods, and Translational Research for the Transition of Basic S&T to Environmental Public Health Applications.*

*Contact Info: knechtgesp@ecu.edu*





**Paul Barry, MD, MPH**

*Clinical Professor (Adjunct)*

*Department of Public Health, Brody School of Medicine*

*Research Interests: Radiation Safety, Biologic Safety and Hyperbaric Medicine*

*Contact Info: 252-744-2070 - [barryp@ecu.edu](mailto:barryp@ecu.edu)*



**Nicole Arnold, PhD**

*Assistant Professor (Adjunct)*

*Department of Nutrition Science, College of Allied Health Sciences*

*Research Interests: Food Safety Education and Interventions, Risk Communication, Consumer Perceptions of Food Processing Methods, Food Labeling, Food Policy and Regulations, Qualitative Research Methods*

*Contact Info: 252-744-1026 – [arnoldni19@ecu.edu](mailto:arnoldni19@ecu.edu)*



**Luke Curtis, MD, MS, CIH, CMPP**

*Adjunct Professor*

*Department of Public Health, Brody School of Medicine*

*Research Interests: Infection Control, Molds/Bacteria/Bioaerosols, Indoor Air Quality, Wood/Biomass Burning, Asthma, Rhinitis, Autism, Nutrition*

*Contact Information 847-769-4768 [LukeCurtis1328@gmail.com](mailto:LukeCurtis1328@gmail.com)*



## DrPH Program Courses and Instructors (\*Not pictured)

Course	Primary Instructor(s)
PUBH 8020 Organizational Theory and Leadership	Dr. Robert Kulesher*
PUBH 8025 Quantitative Research Methods	Dr. Paul Vos*
HUMS 7004 Ethics and Research	Dr. Annette Greer*
PHAR 7680 Essentials of Toxicology of Diseases	Dr. Jamie DeWitt*
PUBH 7930 Environmental and Occupational Exposure Assessment	Dr. Lok Pokhrel
PUBH 8002 Public Health Microbiology, Water and Food Safety	Dr. Paul Knechtges; Dr. Nicole Arnold
PUBH 8245 Health Policy Analysis	Dr. Robert Kulesher*
PUBH 8110 Emerging Issues in Env and Occ Health	Dr. Greg Kearney
PUBH 8125 Environmental and Occupational Epidemiology	Dr. Greg Kearney
PUBH 8004 Public Health Pests and Vector Borne Diseases	Dr. Stephanie Richards
PUBH 8005 Advanced Control of Occupational Hazards	Dr. Sinan Sousan
PUBH 8006 Water Supply and Wastewater Treatment	Dr. Charles Humphrey
PUBH 8007 Advanced Industrial Hygiene Applications	Dr. Jo Anne Balanay
PUBH 8003 Issues and Case Studies in Occupational Medicine	Dr. Luke Curtis; Dr. Sinan Sousan
PUBH 8100 Applied Environmental and Industrial Hygiene	Dr. Jo Anne Balanay
PUBH 8120 Introduction to Environmental and Occupational Health Law	Dr. Stephanie Richards
PUBH 8150 Environmental Risk Communication	Dr. Greg Kearney; Dr. Nicole Arnold
GEOG 6340 Advanced Geographical Information Systems	Dr. Yin Moo Park*
PUBH 8684 Field Practicum	Academic Advisor and Host Site
PUBH 9000 Dissertation	Academic Advisor and Committee

