

NANDITA SINGHAL

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Master of Science in Environmental Health graduate with training in Occupational Health and Risk Assessment. Dedicated Public Health researcher with a strong skill set in Sustainability Research.

EDUCATION

Executive Master of Business Administration <i>New England College, Henniker, NH</i>	May 24 – Present
Master of Science in Environmental Health (Master's Tuition Scholarship) <i>Johns Hopkins Bloomberg School of Public Health, Baltimore, MD</i>	May 21
Bachelor of Science (Research) in Biotechnology (Merit-Based Scholarship) <i>Shiv Nadar University, Greater Noida, India</i>	May 19

CERTIFICATIONS

Certificate in Environmental and Occupational Health <i>Johns Hopkins Bloomberg School of Public Health, Baltimore, MD</i>	May 21
Certificate in Risk Sciences and Public Policy <i>Johns Hopkins Bloomberg School of Public Health, Baltimore, MD</i>	May 20

EXPERIENCE

Research Associate II <i>Department of Cardiovascular Medicine, Brigham & Women's Hospital/Harvard Medical School, Boston, MA</i> <ul style="list-style-type: none">Performing exposure control measures for cell culture work involving biological hazards based on Occupational Safety and Health Administration (OSHA) standardsImplemented comprehensive Environmental Health & Safety (EHS) protocols during lab expansion, ensuring regulatory compliance with institutional safety standards	Mar 24 – Present
Senior Research Associate <i>OliX Pharmaceuticals, Inc., Boston, MA</i> <ul style="list-style-type: none">Served as EHS Officer responsible for maintaining regulatory compliance across lab operations resulting in clearing of safety inspectionsManaged hazardous waste disposal programs and maintained current safety data sheets database	Jul 22 – Jan 24
Research Technologist <i>Department of Urology, Johns Hopkins University, School of Medicine, Baltimore, MD</i> <ul style="list-style-type: none">Implemented biosafety protocols for transgenic animal research and maintained Institutional Animal Care and Use Committee complianceEstablished lab safety standards and conducted regular EHS compliance audits	Jun 21 – Jun 22
Research/Teaching Assistant Positions <i>Johns Hopkins Bloomberg School of Public Health, Baltimore, MD</i> <ul style="list-style-type: none"><i>Department of Environmental Health and Engineering</i> - Operated under Biosafety Level 2 Plus conditions for COVID-19 research, maintaining strict containment protocols<i>Department of International Health</i> - Teaching Assistant for Environment & Health in Low- and Middle-Income Countries (LMICs) course - assessed the performance of students, including grading quizzes and assignments<i>Support for Creative Integrated Basic and Applied Research</i> - Submitted grant proposal and conducted extensive literature search for a study on the impact of greening on adolescents of Baltimore	Sep 19 – May 21
Global Health Equity Scholar <i>Johns Hopkins Alliance for a Healthier World: an alliance that promotes health equity</i> <ul style="list-style-type: none">Developed sub-reviews of a larger scoping review on air pollution leading to more organized metadata	Oct 19 – May 20

PUBLICATIONS

Kim, Y., **Singhal, N.**, et. al. (2024). Regulation of sarcomere formation and function in the healthy heart requires a titin intronic enhancer. *Journal of Clinical Investigation*.

SKILLS

EHS Trainings: Department of Transportation; Hazardous Communication; Cumulative Impact Assessment; Research and Regulatory Activities at Environmental Protection Agency; OSHA Training

Software and Database: Crystal Ball; ArcGIS