

## **Biographical Statement -- Paul A. Locke JD, MPH, DrPH**

Paul Locke, an environmental health scientist and attorney, is a Professor at the Johns Hopkins Bloomberg School of Public Health. His primary appointment is in the Department of Environmental Health and Engineering, and he holds joint appointments in the Department of Health Policy and Management and Department of Health, Behavior and Society. He is the Distinguished Adjunct Professor of Animal Science and Law at the Northwestern School of Law at Lewis & Clark College in Portland, Oregon.

Dr. Locke teaches or co-teaches several courses, including Introduction to Environmental and Occupational Health Law, Advanced Concepts in Toxicology, Physiology and Molecular Mechanisms, and The Law and Ethics of Animal Testing.

Dr. Locke holds an MPH from Yale University School of Medicine, a DrPH from the Johns Hopkins University Bloomberg School of Public Health and a JD degree from Vanderbilt University School of Law. He is admitted to practice law in the state of New York and the District of Columbia, and before the bars of the Southern District Court of New York and the United States Supreme Court.

Prior to joining the faculty at Johns Hopkins, Dr. Locke practiced law in New York, New York and Washington, DC representing mostly Fortune 100 companies. He began his career assisting clients with the structuring of complex financial transactions, but spent most of his career counseling companies regarding compliance with US federal environmental laws and regulations, and representing these clients in US federal courts in litigation. Later, as a senior attorney at an environmental law think tank, he developed an innovative, market-based approach to address radon in homes and buildings for the US EPA.

At Johns Hopkins, Dr. Locke's research and practice scholarship focus on the intersection of law and science. He leads an [interdisciplinary team](#) that advocates for the use of human-centric methods in toxicity testing and improvements in the drug development process and environmental chemicals testing, capitalizing on scientific advances that create opportunities to replace animals with new, non-animal (in vitro) methods. In addition, he is an international expert in radiation protection policy and radiation risk communication. He is a member of the OECD Nuclear Energy Agency's High Level Group on Low Dose Radiation and co-chairs its communications subgroup. He chaired the National Academy of Sciences, Engineering and Medicine committee on [Uranium Mining in Virginia](#), and has twice appeared as an expert witness on uranium mining in US and Canadian courts. He has also been actively involved in assessing high level and transuranic waste disposal issues.

Dr. Locke has published widely in both scientific journals and law reviews, including the [Columbia Journal of Environmental Law](#), [Animal Law Review](#), [Frontiers in Oncology](#), [Maryland Journal of Health Care Law and Policy](#), [AMA Journal of Ethics](#), [ALTEX](#), [ILAR Journal](#), [International Journal of Radiation Biology](#), [Environmental Law Reporter](#) and [Journal of Screening, Biosensors and Bioelectronics](#). He is a distinguished emeritus member of the National Council on Radiation Protection and Measurements, a former board member of the Society for Risk Analysis, a National Associate of the National Academies of Science, Engineering and Medicine, and a member of the American Nuclear Society and the American Public Health Association.