

Anna Krueger Allen, Ph.D., is an associate professor in the Department of Biology at Howard University. She earned her Ph.D. in Biology from Johns Hopkins University and her B.S. in Biology and Environmental Studies, *summa cum laude*, from The George Washington University. Prior to joining Howard University, she completed postdoctoral research at the National Institutes of Health and the Carnegie Institution for Science and served as a Visiting Research Scientist at the National Institutes of Health.

Allen's research focuses on the molecular and cellular mechanisms that regulate oocyte quality, fertility, and early embryonic development. Using *Caenorhabditis elegans* as a model organism, her work examines germline development, meiosis, and cell cycle regulation. Her research has been supported by funding from the National Institutes of Health and the Department of Defense and has been published in leading peer-reviewed scientific journals.

In addition to her research, Allen is committed to undergraduate and graduate education and mentorship in the biological sciences. She teaches courses in general biology, genetics, and developmental biology and incorporates inquiry-based learning and course-based undergraduate research into her teaching. Through her scholarship, teaching, and service, she contributes to advancing biological research and training the next generation of scientists.