

2016 SCURS Keynote Speaker: Tyrone B. Hayes, Ph.D.

From Silent Spring to Silent Night: A Tale of Toads and Men



[Dr. Tyrone B. Hayes](#) is chair and professor of integrative biology at the University of California, Berkeley. He was born and raised in Columbia, South Carolina where he developed his love for biology. He received his bachelor's degree from Harvard University in 1989 and his doctorate from the Department of Integrative Biology at the University of California, Berkeley in 1993. After completing his doctorate, he began post-doctoral training at the National Institute of Child Health and Human Development, National Institutes of Health and the Cancer Research Laboratories at the UC Berkeley (funded by the National Science Foundation), but this training was truncated when he was hired as an Assistant Professor at UC Berkeley in 1994. He was promoted to associate professor with tenure in 2000 and to full Professor in 2003. Hayes' research focuses on developmental

endocrinology with an emphasis on evolution and environmental regulation of growth and development. For the last fifteen years, the role of endocrine disrupting contaminants, particularly pesticides, has been a major focus. Hayes is interested in the impact of chemical contaminants on environmental health and public health, with a specific interest in the role of pesticides in global amphibian declines and environmental justice concerns associated with targeted exposure of racial and ethnic minorities to endocrine disruptors and the role that exposure plays in health care disparities.