

Stanford University School of Medicine Presents

2008 Symposium on Improving Diversity in Graduate Education

Tyrone Hayes, Ph.D.

Professor of Integrative Biology
UC Berkeley



**'All Men Are Created Equal'
and Other Truths We Hold
to be Self-Evident**

Tyrone Hayes, PhD is Professor of Integrative Biology at UC Berkeley, where he became the youngest tenured faculty member in the department in 1998. He received his BA from Harvard University and PhD from UC Berkeley in the Department of Integrative Biology. His current research focuses on the effects of endocrine disrupting pesticides on amphibians and how these studies predict effects in other wildlife and humans. One of his most important and controversial discoveries is that low ecologically relevant concentrations of atrazine, a common herbicide used worldwide, is a potent endocrine disruptor that chemically castrates and feminizes exposed male amphibians. Exposure to atrazine produces detrimental effects in other animals, including humans. Dr. Hayes uses this scientific knowledge to influence public policy surrounding environmental issues and social justice, and to inform susceptible human populations about the dangers of pesticide exposure. This includes laborers in agriculture or pesticide production, who are often low income and/or ethnic minorities.

Monday, May 5 • Noon



**Munzer Auditorium in Beckman
Stanford University School of Medicine**

Reception Immediately to follow in the Dean's Courtyard

Biology Department Seminar Speaker:
"From Silent Spring to Silent Night: A Tale of Toads and Men"
4:15pm, Hewlett 201

Sponsored by the School of Medicine Office for Graduate Education and
School of Humanities and Sciences Department of Biology.
For more information please contact Anika Green, agreen1@stanford.edu