



ONE WORLD,

ONE MEDICINE,

ONE HEALTH

One Health Intellectual Exchange

Spring Monthly Discussions: Philosophy to Practical Integration of Human, Animal and Environmental Health

A fall monthly discussion series, sponsored by the **North Carolina One Health Collaborative** (NC OHC) within the NCBC Intellectual Exchange Group (IEG) Program to enhance collaborations between physicians, veterinarians, researchers and other local / global / environmental health professionals by increasing public awareness of the interconnectedness of people, animals and the environment.

Spring 2015 - Tuesday, February 24th

5:30 – 7:30 p.m.

Emerging Plants Disease and Food Security: Tackling Global Challenges

Jean Beagle Ristaino, PhD

William Neal Reynolds Distinguished Professor Dept. of Plant Pathology,
North Carolina State University and Senior Science Advisor and Jefferson
Fellow, USAID

Meets Tuesdays, 5:30 – 7:30 p.m. at the North Carolina Biotechnology Center

15 T.W. Alexander Drive Research Triangle Park, NC 27709

Directions: www.ncbiotech.org/directions

For information on the spring, weekly One Health course options or to offer suggestions / ideas for the discussion series, contact NC OHC: nconehealth@gmail.com

For Speaker Cancellation notices and additional background on One Health and the NC OHC:

<http://nconehealthcollaborative.weebly.com/index.htm>

<http://onehealtheducation.blogspot.com/>

Facebook: search 'North Carolina One Health Collaborative'; Twitter: @NC_OneHealth



Speaker Bios:



Jean Beagle Ristaino, PhD

Dr. Jean Beagle Ristaino is a William Neal Reynolds Distinguished Professor of Plant Pathology at North Carolina State University. She earned her B.Sc. degree in Biological Sciences and an M.S. degree in Plant Pathology from the University of Maryland, and a Ph.D. in Plant Pathology from the University of California-Davis. Much of her research work has been on the genus *Phytophthora*, an oomycete plant pathogen that caused the Irish potato famine. She conducts research internationally on late blight, a threat to food security. She has used genetic markers to study migration and characterize historic and present day populations of *P. infestans*. Her research has culminated in publications in *Nature*, *Proceedings of the National Academy of Sciences*, and *Science*. She teaches a class in Tropical Plant Pathology, is the director of the Global Plant Health internship program and leads USAID funded workshops in pathogen diagnostics in Central America. She has served in numerous leadership roles at the university including the faculty senate and the administrative board of the graduate school and nationally with the USDA, NSF and USAID. She served as a Jefferson Science Fellow in the Bureau for Food Security at USAID and continues to consult with USAID and the State Department. She has communicated findings of her research with the media including CNN, Discovery Channel, radio and numerous newspaper articles. Dr. Ristaino's research impacts our understanding of emerging plant pathogens, global food security, gender and the public view of science and scientists.