

## IVAN PARKIN LECTURE

### The Power of Play: Using Media to Educate Our Stakeholders

Barbara Chamberlin, Ph.D.  
Professor  
New Mexico State University  
Las Cruces, New Mexico



**SUNDAY, JULY 21**  
**OPENING SESSION**  
**6:00 P.M. — 7:30 P.M.**

Barbara Chamberlin, Ph.D., is an Extension Instructional Design and Education Media Specialist at New Mexico State University (NMSU) in Las Cruces, New Mexico. In her current position, Dr. Chamberlin directs NMSU's Learning Games Lab in the Innovative Media Research and Extension Department, leading research on game development and serving as an instructional designer on new educational projects.

NMSU's Innovative Media Research and Extension department has an established history in creating educational games, animations, videos and other learning tools in food safety areas, including cooking games for kids; viral animations around handwashing; outreach animations for growers and producers; and virtual labs around key scientific concepts. The team has collaborated with partners at more than 40 universities in developing these research-based outreach tools, and produces research-based work on a variety of topics including math, science, health, financial literacy, and agriculture. Current projects include working on apps for pre-school learners and their parents on key movement and tasting behaviors; math games for elementary learners; a government game for middle school students based on food safety concepts; virtual labs on water safety for high school students; and virtual water testing labs and animations for growers, as well as additional animations and videos for various audiences.

A former stand-up comic, Dr. Chamberlin is a science enthusiast, technology evangelist, and passionate about Chile. She received a Ph.D. in Instructional Design from the University of Virginia, and has worked in Extension as an Educational Technology Specialist for nearly 20 years.

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## JOHN H. SILLIKER LECTURE

### From Outbreak Catastrophes to Clades of Concern, How Whole Genome Sequencing Can Change the Food Safety Landscape

Robert V. Tauxe, MD, MPH  
Director, Division of Foodborne, Waterborne, and Environmental Disease  
Centers for Disease Control and Prevention  
Atlanta, Georgia



**WEDNESDAY, JULY 24**  
**CLOSING SESSION**  
**4:00 P.M. — 4:45 P.M.**

Robert V. Tauxe, MD, MPH, is Director of the Division of Foodborne, Waterborne and Environmental Diseases for the National Center for Emerging and Zoonotic Infectious Diseases at the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia.

Within the Division, Dr. Tauxe oversees the prevention and control of foodborne, waterborne and fungal infections, monitoring the frequency of these infections in the U.S.; investigates outbreaks; and develops strategies to reduce the disease, disability and deaths they cause.

Dr. Tauxe's interests include bacterial enteric diseases; epidemiology and pathogenesis of infectious diseases; epidemiologic and clinical consequences of bacterial genetic exchange; antimicrobial use and resistance to antimicrobial agents; and teaching epidemiologic methods.

Dr. Tauxe graduated from Yale University and received his M.D. from Vanderbilt Medical School. He completed an internal medicine residency, trained at the CDC in the Epidemic Intelligence Service, and joined its staff in 1985. His faculty appointments include the School of Public Health and the Department of Biology at Emory University in Atlanta.

Dr. Tauxe has authored/co-authored 294 journal articles, letters and book chapters. He has been an IAFP Member since 2010.