



PRESENTED BY:



# Previous Events

## 2010:

- **Getting to the Heart of Matter**, Dr. Thomas Meyer, Iowa State University.
- **Cancer: What's Happening Inside Your Cells?**, Dr. David Strom, Des Moines University.
- **Innovations Of A Green City**, Mayor Frank Cownie & Director of Des Moines Parks and Recreation Don Tripp.
- **Quasars: Black Holes In Action**, Dr. Charles Nelson, Drake University.
- **Racial Identities: Who Are We?**, Rekha Basu, Ph.D, Columnist for the Des Moines Register, Dr. Jennifer Harvey Associate Professor of Religion, Drake University; Sandra Patton-Imani – Associate Professor of American Studies, Department for the Study of Culture and Society, Drake University.
- **Cultural Diversity Through Youth Exchange**, Beth Flynn – Field Director for Greater Iowa Youth For Understanding; Mary Wennerstrum – District Coordinator for Recruitment and Development for Youth for Understanding.
- **Soybean Plant Diversity: Genetic Diversity In Plants**, Dr. Paul Stephens, Sr. Research Director, Soybean Product Development, Pioneer Hi-Bred; Jordan Spear, Sr. Research Associate, Pioneer Hi-Bred
- **Embryo Transfer: Reproductive Life In The Fast Lane**, Dr. Curtis Youngs, Associate Professor of Animal Science, Iowa State University.
- **Human Origins: Old Bones Speak**, Tafline Crawford, Ph.D, Des Moines University, Department of Anatomy.
- **Leonardo the Universal Genius: What The Universe Teaches**, Nancy C. Andreasen, MD, PhD. Andrew H. Woods, Chair of Psychiatry University of Iowa Carver College of Medicine.
- **Rare Earths: What's The Attraction?**, Dr. Thomas Lograsso, Director, Division of Materials Science and Engineering at the U.S. Department of Energy's Ames Laboratory.



PRESENTED BY:



# Previous Events

## 2011:

- **CSI: Iowa – Real Life as a Forensic Scientist**, Amy Pollpeter, Criminalist at the Iowa DCI Crime Lab.
- **Bizarre Guitars**, Dr. Alex King, Director, U.S. Department of Energy's Ames Laboratory at ISU.
- **Crisis In Japan and Being Prepared In Iowa**, Leslie Schaffer – Executive Director, American Red Cross Central Iowa; Sri Sritharan – Professor, Civil, Structural and Earthquake Engineering - Iowa State University; Ken Kerns – Associate Director, Environmental Health and Safety - Iowa State University; Kathryn Szramek - Assistant Professor of Environmental Science and Policy - Drake University; Rich Singer - Project Manager, Nuclear Facility Silting Study - MidAmerican Energy.
- **The Ancient Craft of Papermaking**, Timothy Barrett, Director, University of Iowa's Center of the Book Paper Facilities.
- **Stems, Pints and the Science of What's in the Glass**, Mason Grober, Jasper Winery Winemaker and Madhouse Brewing Co. Head Brewer.
- **Severe Weather 101**, -Roger Vachalek - Lead Forecaster, Jacob Beitlich - Meteorologist Intern, Kevin Deitsch - Meteorologist Intern, Kevin Skow - Meteorologist Intern, The National Weather Service Team
- **Exe(Rx)cise: Your Best Antihypertensive Drug**, Julia A. Moffitt, Ph.D., Associate Professor, Department of Physiology and Pharmacology Des Moines University
- **Saving Apes (or Orcas or Orchids); Who Cares, and Why?** Dr. Benjamin Beck, Director of Conservation at Great Ape Trust
- **The Athletic Heart**, Julia A. Moffitt, Ph.D. Associate Professor from Des Moines University
- **Vibration, Velocity and Visual: The Science of Percussion**, Matthew Coley, Iowa State University Faculty, and Ronni Kot Wenzell, Carl Nielsen Academy Faculty
- **Modern Mummification: Mortuary Science**, Robin Walter, Iles Funeral-Dunn's Chapel, Funeral Director and Chapel Manager



PRESENTED BY:



# Previous Events

## 2012:

- **Autism Today**, Dr. Maria Valdovinos, Associate Professor of Psychology at Drake University and Director of the Drake Undergraduate Science Collaborative Institute, Amy Walter, Clinic Supervisor/Program Coordinator at The Homestead, Susan Smith, Director of Iowa Program Assistance Response Team (I-PART), Woodward Resource Center
- **Particles Collide & Wreckage Flies**, Thomas Meyer, – Recently retired (2010) ISU Adjunct Physics Professor and now Gentleman Physicist
- **Special Café Sci: Science of Kissing**, Sheril Kirshenbaum
- **Excavating for Information: Uncovering Egypt**, Ana Tavares, Joint Field-Director, Ancient Egypt Research Associates (AERA)
- **Urban Archaeology in Metropolitan Des Moines**, John Doershuk, Melody Pope, Bill Whittaker, Shirley Schermer, Robin Lillie, and Joe Artz, The University of Iowa, Office of the State Archaeologist
- **SOS: Sustaining Our Streams**, Jan Thompson - Professor, Dept. of Natural Resource Ecology & Management, ISU, Tim Stewart - Assistant Professor, Dept. of Natural Resource Ecology & Management, ISU, Rebecca Christoffel - Assistant Professor and Wildlife Extension Specialist, ISU and Allen Pattillo - Fisheries Extension Specialist, ISU
- **Precision Farming: Can a tractor drive itself?** Dale Pellatz, Senior Systems Engineer - John Deere, Doug Blum, Robotics Systems Engineer - John Deere