Teaching College Science and Math Through Food, Health and Sustainability Themes

SENCER SCI-Midwest Regional Symposium
Saturday, March 8, 2014, 9:00 am - 4:00 pm
Roosevelt University - Schaumburg Campus

PROGRAM

8:30  Registration and Breakfast

9:15  Welcome and Introductions
      Robert Seiser, Roosevelt University
      David Rutschman, Northeastern Illinois University
      Steve Cohen, Roosevelt University

9:30  Opening Plenary
      Thinking Through Food Equity: Science Education in Support of Sustainable Community Food Systems
      Howard Rosing, DePaul University

10:30 Concurrent Sessions

Session I

Environmental Sustainability and Advocacy
Mahesh Gurung and Raymund Torralba, Truman College and DePaul University

Soils in the City: Growing Green Infrastructure and Community
James Montgomery and Christie Klimas, DePaul University

Library Involvement in a Global Warming Learning Community
Todd Heldt, Harold Washington College

Exploring Urban Agriculture and Ecology at the CSU Aquaponics Center
Emmanuel Pratt, Chicago State University

Session II

The Hydrotopia Game: Engaging Students in Science-Based Decision Making
W. Aaron Shoult-Wilson, Roosevelt University

Calculus in Groundwater Pollution
Victor Padron, Normandale Community College

Teaching Sustainability Through Campus Prairie Restoration
Virginia McHugh-Kurtz, Elgin Community College
Inexpensive 3D Models to Enhance Understanding of Protein Structure
Neil Voss and Kayla Fouch, Roosevelt University

12:00 Lunch

1:00 Interactive Sessions

**Sustainability Practices at Roosevelt** *(includes campus tour)*
Paul Matthews, Roosevelt University

**SENCERizing Your Courses: A “Brains-On” Workshop**
Robert Seiser and Kelly Wentz, Roosevelt University

1:45 Concurrent Sessions

**Session III**

**Delineating Pharmacy Practices in Haiti**
Meghana Aruru, Roosevelt University

**Retooling the Way Students Think: Why Case Studies Should Be In Every Teacher’s Toolbox**
Michele Hoffman Trotter, Roosevelt University

**A Course Development Model: Teaching About Sustainability and a Social-Ecological System**
Cindy Fabbri, University of Alaska – Fairbanks

**Session IV**

**“Food, Glorious Food?!” Integrating Science Into a First-Year Liberal Studies Course**
Pamela Trotter, Augustana College

**Designing Healthy Meals to Counter Nutrition-Related Diseases: A Learning Activity**
Abour Cherif, Maris Roze, Matthew Bruder, DeVry University

**Are You Going to Eat That?: Food and Science in the First Year Seminar**
David K. Wolfe, University of Indianapolis

3:00 Closing Plenary

**Science, Sustainability, Service Learning and Social Justice: Experiments and Opportunities in Field- and Community-based Education**
Mike Bryson, Roosevelt University

4:00 Adjourn