

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 Shoults-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