

**2010 NACTA Conference – Oral Presentations
Penn Stater Conference Center
Wednesday, June 23, 2010**

**Session A:
Teaching Methods I
Time: 10:30 – 11:45 a.m.
Room 208**

Collaborative Decision Making: A Capstone Agricultural Business Management Course Goal (112)

Thomas H. Paulsen

Student Demographics in an Introductory Animal Science Class Before and After the Introduction of Inquiry-Based Learning (131)

F. E. Robinson, D. C. Penrice, G. Kendall, M. J. Zuidhof, T. A. Reimer

Assisting in the Movement from STEM to STEAM: An AIMED Learning Approach (155)

Bart E. Gill, Kirk C. Edney, Tim H. Murphy

The Effect of an Agricultural Communications Workshop on Urban High School Students: Comparison between Agriculture and Non-agriculture Students (249)

Quisto Settle, Cindy Akers, David Doerfert, Erica Irlbeck, Leah Martinez

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**Session B:
Community and Civic Engagement
Time: 10:30 – 11:45 a.m.
Room 204**

Collaborate, Communicate, Celebrate! Living to Serve as an
Interdisciplinary Agriculture Teaching Methodology (153)
Robin Peiter Horstmeier

A Community-Engaged Fellows Program for Targeting Child Obesity
(236)
Marybeth Lima, Carol O'Neil

Community-Based Learning: Connecting Classroom to Community
Through a New Civic Agriculture and Food Systems Minor (158)
Susan F. Clark, Thomas W. Broyles

Growing Community-University Collaboration Through Food System
Study (295)
Yona Sipos, Art Bomke

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**Session C:
Extension Education
Time: 10:30 – 11:45 a.m.
Room 205**

Effective Methods in Educating Extension Agents and Farmers on Conservation Farming Technology (224)

K.S.U. (Jay) Jayaratne, Lauren Mouton, Harry H. Schomberg, Randy Raper, Kip Balkcom, David Archer, Bryan Kaphammer

Cross Cultural Immersion in Cooperative Extension: A History of a [State] Program (276)

Jenna Brown, Maria Navarro, Dennis Duncan

Year One of Project LinC Extend: Educating undergraduates about the Extension and land-grant systems (174)

Marc T. Braverman, Katherine B. Gunter, Karlie Friesen, Helen Berry, Clara C. Pratt

Participant Perceptions of Value of an Equine Emergency Responder Training Program (144)

C. A. Porr, J. A. Brown, R. K. Splan

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**Session D:
Experiential Learning
Time: 10:30 – 11:45 a.m.
Room 206**

Developing Critical Thinking Skills Through Experiential Learning
Through Stocker Cattle Management (127)

Jason Roberts, Clay Bailey, Joey Mehlhorn, Philip Smartt, Tim Burcham

Enhancing Confidence in Turfgrass Management Through the Inclusion
of Experiential Learning Activities (182)

Jonathan J. Velez, Rob Golembiewski

Engaging Students Through a Multi-Course, Multi-Discipline Experiential
Learning Project (223)

Kevin Williams, David Lust, Lance Kieth

Agriculture Bridge: Connecting Students and Practitioners to Enhance
Multidisciplinary Experiential Learning (156)

James P. Lassoie, Mr. R. Jamie Herring, Louise E. Buck

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**Session E:
Collaboration, Communicate and Celebration
Time: 10:30 – 11:45 a.m.
Room 207**

A Collaborative Model for Linking Faculty, Industry Representatives, and High School and University Students for Awareness and Education (206)
Linda Moody, Dennis Brink, Matt Spangler, Sara Ellicot

Collaboration and Communication Create Innovation Celebrations (221)
Daniel Tilley, Paul Weckler, Cindy Blackwell, Rodney Holcomb, Shelly Sitton, Angel Riggs, Ron Delahoussaye, Oklahoma State University; Marcia Tilley, Richard Cavaletto, Mark Zohns, Wayne Howard, California Polytechnic State University; David Jones

Collaborate to LEARN (241)
Jonathan Weekley, Tiffany Drape, Richard J. Rateau, Jerzy Nowak

Collaborating to Create an Ag Banking Degree in Partnership with Bankers (264)
Ron Hanson

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**Session F:
Teaching Methods II
Time: 10:30 – 11:45 a.m.
Room 208**

Implementing “Multiple Chances for Success” in the University
Classroom (114)
Nicole R. Brown

Collaborate and Communicate: Enhancing the Classroom Lecture (202)
Gary E. Moore

Influence of Course Delivery Method and Proctoring on Performance in
Introductory Economics (225)
Cheryl Wachenheim

The Creative Project: An Old, and New, Teaching Strategy (269)
Maria Navarro, Antoine Jefferson

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**Session G:
Career, Retention and Recruitment
Time: 10:30 – 11:45 a.m.
Room 204**

Pathways to Agricultural Degrees and Careers (164)
Robert N. King, Timothy Tatakis

Community Connections: Helping Dietetics Students Explore Careers in
Public Health Nutrition (203)
Elizabeth B. Kelley, Susan Nitzke

Enhancing Student Retention: Impacts of a First Year Seminar Course
(208)
Dixie Watts Dalton, Mary A. Marchant

Utilization of Career Services by Undergraduate Students in a College of
Agriculture (245)
*Tobin Redwine, Cindy Akers, Todd Brashears, Scott Burris, Lori Dudley,
Rachel Bobbitt, Kelsey Hall*

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**Session H:
Course and Curriculum Development - I
Time: 10:30 – 11:45 a.m.
Room 207**

Integrating Humanities and Social Sciences into the Engineering Curriculum: Guiding Principles from the Model Teaching Team (178)
Maria Navarro, Tim Foutz, Sid Thompson, Kerri Patrick Singer

Cooperatives and Their Impact on the Human Condition: Utilizing a Liberal Education Course to Communicate Across the University (190)
Dixie Watts Dalton

Putting theory into action: results of curriculum modifications in a dietetics program. (256)
Carole A. Conn, Linda F. Freeman, Carmine J. Russo, Crystal A. Connors, Eileen B. Hanson.

Leadership courses: Where do students see the value? (313)
Chris Morgan, Natalie Coers, Antoine Jefferson

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**Session I:
Diversity and Multicultural
Time: 10:30 – 11:45 a.m.
Room 205**

Agriculture Science Education in Minority-Serving, Urban Universities
(184)

Mahadev G. Bhat, Krish Jayachandran

Enhancing Participation and Quality of the Undergraduate Experience
for Minorities in Food Agricultural Sciences (205)

Louise Wicker, Ron Walcott, Jean Bertrand, Kecia Thomas

Unique Opportunities for Multicultural Scholars at the University of
Georgia (209)

Jean Bertrand, Ron Walcott, Louise Wicker, Josef Broder

Enrichment of Biochemistry Laboratory and Research Experiences for
Hispanic Nutrition Students (290)

Michelle Schelske Santos, Simin Nikbin Meydani

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**Session J:
Technology (WEB I)
Time: 10:30 – 11:45 a.m.
Room 206**

Post-Secondary Agricultural Teaching Faculty Need for and Use of a
Methods Resource Sharing Web Site (140)

J. Tanner Robertson, Sarah Lancaster, Bruce Dunn

The Use of an Audience Response System to Collect Real-Time Student
Feedback (287)

Brian G. Bolt, K. Dale Layfield

College Agriculture Instructors'™ Classroom Use and Preferences for
Social Media (238)

Quisto Settle, Ricky Telg, Tracy Irani, Emily Rhoades, Tracy Rutherford

Integrating Spatial Educational Experiences (Isee) into Crop, Soil, and
Environmental Science Curricula (315)

*Darrell Schulze, Phillip Owens, Stephanie Mitzman, Lori Snyder,
George Van Scoyoc, John Graveel, Christopher Miller, Marianne Bracke,
Ronald Glotzbach, Laura Kocur, Bedrich Benes, Travis Neely, Mike
Wiggington, Rick Nielson*

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**Session K:
Cultural and International Collaborations
Time: 4:00 – 5:15 p.m.
Room 204**

Plant Breeding Recruitment and Education: A Puerto Rico-North
Dakota Collaborative Initiative (105)

Linda Wessel-Beaver, Feiko H. Ferwerda, Richard D. Horsley

Online Teaching from Iraq (230)

Cheryl Wachenheim

Engaging U.S. College Students in Eco-Village Design for Disadvantaged
Youth in Rift Valley, Kenya (275)

Janelle Larson, Sjoerd Duiker

Agriculture Content, Language, Strategy, and Technology Learning in a
University-level ESL (298)

Rosita L. Rivera Rodriguez, Catherine Mazak

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**Session L:
Technology (WEB II)
Time: 4:00 – 5:15 p.m.
Room 208**

Student Evaluation Scores for Courses Delivered by Interactive
Videoconferencing (126)

Mark Rieger, R. Elaine Turner, R. Kirby Barrick

Using YouTube Video Projects in a Class to Develop Communication
Skills for Students and to Create Agricultural Awareness in a Broader
Community (274)

D. Penrice, F. Robinson, M. Zuidhof, J. Holdstock

Student Video Project Influences Consumer Perceptions About
Antibiotic Usage in Livestock Production (288)

*M. J. Zuidhof, M. Clarke, M. Wallace, A. Tuckwood, D. Penrice, F. E.
Robinson*

"Learning and Sharing Hundreds of Miles Apart, Ahhhh, The Power of
Virtual Worlds" (259)

Marcia Owens Kloepper, Pat Curtis, Amanda Evert, Ed Zweiacher

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**Session M:
Media, Marketing and Communication
Time: 4:00 – 5:15 p.m.
Room 207**

A Research Based Approach for Developing Printed Recruitment Material for Undergraduate Landscape Architecture Students (151)
Charles Klein, Maria Kalyvaki, David Mullins

Motivating Millennials: Using New Media to Recruit the Next Generation into Academic Programs of Agriculture (246)
Lauri M. Baker, Tracy Irani, Katie Abrams, Ricky Telg

Developing Future Teachers Through Children's Water Festival Presentations (292)
Kellie Claflin, Tim Buttles

Establishment of a Certification in Rural Development at Louisiana Tech University - funded SERD project (189)
Aaron K. Lusby

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**Session N:
Scholarship of Teaching and Learning
Time: 4:00 – 5:15 p.m.
Room 206**

Impacting Students Preparation Beyond the Classroom (186)
Sharon McWhinney

Learning Style Preferences of Freshman and Senior Students in
Agricultural Sciences (168)
Dwayne Pavelock, Dominick Fazarro, Doug Ullrich

Faculty Mentoring Faculty (107)
Samantha Gill

Competitive Use of Teams and Industry Study Tours Enhanced the
Learning Environment of an Introductory Animal Science Course (279)
Bryan A. Reiling, Sarah Novotny

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**Session O:
Student Related Activities
Time: 4:00 – 5:15 p.m.
Room 205**

Undergraduate Journal Clubs: Challenging Students to Think Critically and Professionally (197)

Christina McIntyre, Deborah Good

Students'™ Perceptions of Entrepreneurs and Entrepreneurship Education Strategies (123)

Awoke Dolisso

Development of a Managerial Mentoring Program for Underrepresented Animal Science Students (267)

Jeff S. Pendergraft

Animal Breeding and Quantitative Genetics Online: A Solution to a Dilemma in Graduate Education (253)

Ron Lewis, Barbara Lockee, Matt Ames, Gabi MÃ¡rquez, Mark Enns, Janice Rumph, John Pollak

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**Session P:
Assessment, Evaluation & Learning Outcomes
Time: 10:45 – 11:45 a.m.
Room 206**

Engagement Among Agricultural and Environmental Sciences Students:
Results of Three Years of Strengths-Based Education (143)

M. A. Nicodemus, F. D. Mills, Jr.

Using peer evaluations for assessment and promoting collaboration
(272)

Cory Epler, Thomas W. Broyles, Holly J. Kasperbauer

Peer review of group performance: rewarding low contributors? (312)

Chris Morgan, Natalie Coers, Antoine Jefferson

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**Session Q:
Course and Curriculum Development - II
Time: 10:45 – 11:45 a.m.
Room 207**

Bio-Fuels Unit Operations Course Development (103)
David Grewell, Thomas Brumm, Charles Hurburgh

Establishing an AG IDEA Degree Program in Soil, Water, and
Environmental Sciences (296)
*John Havlin, Michael Mullen, Mark Coyne, David Radcliffe, Wes Wood,
Tom Thompson, Ed McCoy*

Upgrading Pesticide Safety Education Curriculum and Increasing
Student Participation (240)
Kerry Richards, Christina Becker

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**Session R:
Biotechnology/Biosecurity
Time: 10:45 – 11:45 a.m.
Room 205**

The Successful Development of an Integrated Biotechnology Course:
Challenges Faced and Lessons Learned (227)

Elizabeth Wilson, Charlotte Farin, Chad Jordan, Kevin Curry Jr., Elizabeth Compton, Michelle Kim

Plant Biotechnology Academic Subject Certificate at Windward
Community College (311)

Ingelia White

Student Development and Usage of a Dust Explosion Simulator for
Teaching Agricultural Safety (146)

Duane Bajema

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**Session S:
Interdisciplinary
Time: 10:45-11:45 a.m.
Room 204**

Collaboration with the Library: Improving Information Literacy and Citation Skills (121)

Gail Good, Bonnie Imler

Immersive Learning Platforms – Development of Educational Simulations Based on Food Processing (188)

R. Paul Singh, Robert Burnett

Agricultural Communication and Forestry Undergraduates Collaborate to Teach and Recruit Urban High Schoolers: The ACE Program (215)

Nicholas E. Fuhrman, A. Chris Morgan, Carolyn A. Copenheaver, John R. Seiler, Dr. Saskia van de Gevel

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**Session T:
Service Learning
Time: 10:45 – 11:45 a.m.
Room 208**

Connecting Students to the Veterinary Profession Through Service Learning (128)

Jason Roberts, Clay Bailey, Joey Mehlhorn, Tim Burcham, Philip Smartt

Perceived Team Cohesion and Individual Effectiveness during a Collaborative Service-Learning Experience (260)

Brian D. Lee

Service-Learning Experiences for Graduate Students at a Distance: Their Role as Program Evaluation Consultants (214)

Nicholas E. Fuhrman