

58th Annual

NACTA Conference

*Celebrating and
Sustaining Agriculture*

June 26-29, 2012

UNIVERSITY OF WISCONSIN

River Falls

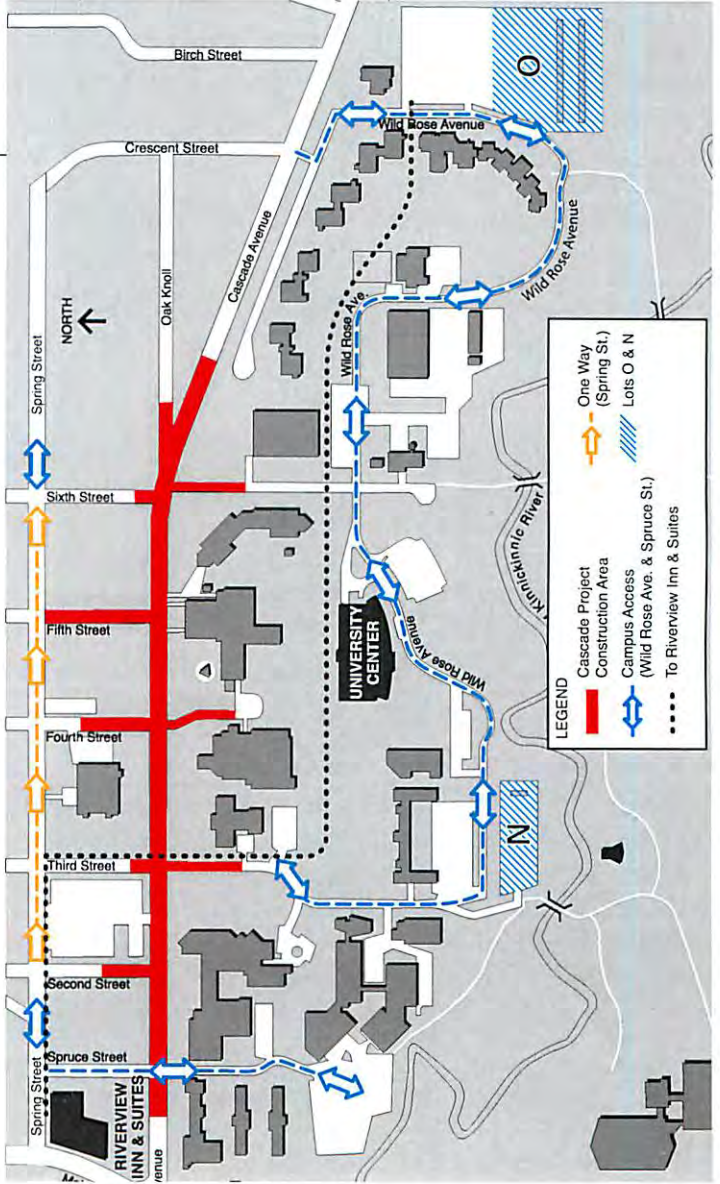


NACTA

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UWRF Maps

A more detailed University Center map can be found in your conference bag. For more maps, go to <http://www.uwrf.edu/AboutUs/Maps/Index.cfm>



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Greetings to the participants of the 2012 NACTA Conference! On behalf of the faculty, staff, and students in the College of Agriculture, Food and Environmental Sciences at the University of Wisconsin - River Falls, welcome to our campus. Along with the rest of you, we look forward to the excellent oral and poster presentations, special sessions, and social gatherings that have been arranged. The Conference Steering Committee has planned some interesting tours of the area to compliment the agenda. We hope that many of you will have some extra

time to see additional sights and take in what our campus, city, and region have to offer. All in all, we believe each of you will have an inspiring and enjoyable time here in River Falls.

Again, welcome!

Dale Gallenberg,

Dean College of Agriculture, Food and Environmental Sciences
University of Wisconsin - River Falls



Join the CAFES Centennial Celebration!
Students... Teaching... Purpose... (1912-2012)

We would like to thank the following sponsors:



- Brickhouse Music
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- Seneca Foods
- Target Field



Posters - Need to be in place at the start of each scheduled session and taken down at the end of the session. Clips for hanging posters will be provided.

Oral Presentations - Please save presentation files to the desktop of your assigned presentation room at least 30 minutes before the scheduled start of the session.

Tuesday, June 26

12:00 pm - 7:00 pm	Conference Registration University Center - Falls Room
3:00 pm - 5:30 pm	South Fork Suites Check-in South Fork Suites - Main Entrance
2:00 pm - 5:00 pm	NACTA Executive Meeting University Center - Willow River Room
2:00 pm - 5:00 pm	DOCE Meeting University Center - Kinni Theater
6:00 pm - 8:00 pm	Welcome Reception Agricultural Science Building - Room 200 Tour de CAFES Passport Stops with Refreshments

Wednesday, June 27

7:00 am - 2:00 pm	Conference Registration University Center - Falls Room
8:00 am - 9:30 am	Blue Ribbon Address University Center - Riverview Ballroom

Dr. Bonnie Walters, UWRF - "Why? Who Cares?"



What happens when a student interrupts your class with such a simple question as "Why?" or "Who cares?" Are these questions relevant and important? What can you do? Dr. Bonnie Walters was presented with the NACTA Teaching Award of Excellence at the 2011 NACTA meeting. Bonnie received her B.S. in Chemistry from the University of Wisconsin-River Falls, an M.S. in Chemistry from the University of Iowa, and her Ph.D. in Poultry Science and Food Chemistry from the

University of Wisconsin-Madison. She has taught at the University of Wisconsin-River Falls for 20 years in the Animal and Food Science Department.

9:30 am - 10:45 am	Poster Session A and Break University Center - 2nd Floor
11:00 am - 12:00 pm	Concurrent Sessions A University Center - 3rd Floor

Experiential Learning - Willow River Room

The incredible edible salad competition: an experiential horticulture project to enhance student engagement and learning in a crop and forage production course - Brian D. Whitaker (O223)

Designing Landscapes for Experiential Learning - Gail Hansen (O259)

Student design of class experiments facilitates problem-based learning - James R. Nechols (O268)

Experiential Learning and Critical Thinking in the Context of a College of Agriculture and Natural Resources Freshman Seminar Course - Michael W. Everett & Matt R. Raven (O276)

Technology - Kinni Theater

Student and Faculty Perceptions of ICT Use in Undergraduate Courses - D. M. Johnson, L. D. Edgar & C. K. Cox (O237)

An Exploratory Study of Computer-based Instruction Utilizing iFARM Modules in a College Introductory Agronomy Curriculum - Annie L. E. Davis, Lori J. Unruh-Snyder, Kathryn Orvis & Neil Knobloch (O242)

Mobile Computing and Augmented Reality to Support Learning about Horticulture - Michael R. Mohney, Susan Land & Heather Zimmerman (O249)

iLearn: Student Perceptions of Moving In-Class Lectures to Online Lectures - Christopher T. Stripling, Nathan W. Conner, Jessica M. Blythe & T. Grady Roberts (O250)

Perception - Chippewa River Room

From Food, Inc. to Farm Bill: Do Students Perceive the Nuances? Do Definitions Matter? - Foy D. Mills, Jr. (O364)

Agricultural Applications of Biotechnology in the Mind of the Public - Matt Spindler (O239)

Agricultural and Environmental Students' Views of U.S. Food and Agricultural Policy - Kyle W. Ferrell, Foy D. Mills, Jr. & Brenna D. Ellison (O241)

Assessment - Apple River Room

Using Think-Aloud Pair Problem Solving as a Formative Assessment during Equipment Troubleshooting Training - Caitlin Young, Michael L. Pate & Royce Hatch (O243)



Exploring Opportunities within the New York Food and Agricultural Sector - Robert N. King (0273)

Making the Most of What You Have: Learning Concepts at Home and Applying Concepts During Class - Lauri M. Baker & Quisto Settle (0279)

Predictors of Course Completion Status and Final Course Grade for Students in an Introductory College Animal Science Course - Steffanie V. Burk, Mary G. Rossano, William J. Silvia, Eric S. Vanzant, Anthony J. Pescatore & Robert J. Harmon (0303)

Mentoring - St. Croix River Room

The Importance of Mentoring on Student Performance in Agriculture Honors Programs - Joey Mehlhorn, Jason Roberts, Sandy Mehlhorn & Scott Parrott (0235)

Promising practices of dairy, horse, and livestock Career Development Event coaches - Melissa Voigt, B. Allen Talbert, Steve McKinley & Colleen Brady (0238)

Improving Agriculture Literacy in Washoe County Elementary Students Using Undergraduate Student Interns - Chiara C. Velotta, Michelle S. Burrows, Dale W. Holcombe, David Thain & MDR Evans (0261)

Impact of an NSF-Funded Program on High Potential, High Performing Underrepresented Students - Pamala V. Morris & John Patterson (0277)

12:00 pm - 1:30 pm

Lunch

University Center - Riverview Ballroom

2:00 pm - 3:00 pm

Concurrent Sessions B

University Center - 3rd Floor

Service - Willow River Room

The Utility of Service learning as a teaching tool in Secondary Agricultural Schools in Iran: What are the Requirements as Perceived by Agricultural Teachers in Iran: The case of Kermanshah and Hamadan Provinces - Kiumars Zarafshani, Aliasghar Mirakzadeh & Marjan Sepahpanah (0217)

Building Solutions in Africa: Students Engage in Cross-Cultural Learning through Service - Paul C. Siciliano, Peter J. Caldwell & Landon G. Young (0221)

Growing a student garden: An integrated approach to teaching service learning and student recruitment - David Berle (0295)

Enhancing Undergraduate Education While Meeting a Community Need Through Service Learning - Michelle S. Burrows, David Thain & Dale W. Holcombe (0289)

International - St. Croix River Room

Global Engagement: Sharing Our Expertise in Agricultural Education - Greg Miller (0253)

Agricultural Study Abroad Grounded in Experiential Learning - Nathan W. Conner & T. Grady Roberts (0256)

Expanding International Understanding of freshman students using their interest in conflicting roles of animals in societies of the world - M. Russell, H. Frigola & M. Douglas (0263)

Connecting Pacific Pathways through Research, Education and Experience in the Sciences - Janice Straley (0292)

Faculty Focus - Kinni Theater

An Investigation of Teacher Beliefs and Actions - Aaron Giorgi, T. Grady Roberts, Nathan Conner, Christopher Estep & Christopher Stripling (0269)

Usage of Engaging Moments (E-moments) to Enhance Student Learning in an Introductory Animal Science Course - Katie Frenzen, Kathy Hanford & Bryan Reiling (0287)

Collaborative Teaching: Exploring Faculty Experiences in the Civic Agriculture and Food Systems Minor at Virginia Tech - Jennifer Helms, Kim Niewolny & Susan Clark (0299)

Comprehensive Beef Education Strategic Planning Conference - Heather Stewart, Dennis Brink, Dennis Burson, Dann Husmann, Rick Rasby, Bryan Reiling, Walter Schacht & Matt Spangler (0302)

Modeling - Apple River Room

A Model for Service Abroad Courses: Agricultural Development in Sierra Leone - Patrick Bell, Jeff Hattey & Mike Dicks (0225)

The Use of Simulations and Gaming to Enhance Student Understanding and Critical Thinking Skills - Scott Parrott, Joey Mehlhorn, Kelly Davidson & Jason Roberts (0234)

A Modeling Approach to Unifying Concepts Taught in a Professional MS Agronomy Curriculum - Fernando E. Miguez, Kenneth Moore & Sotirios Archontoulis (0247)



Gameification: Using Game Theory to Increase Learning and Engagement in Online Classes - Karen Cachevki Williams, Christine Noel Boggs & Meg Van Baalen-Wood (0286)

Mentoring - Chippewa River Room

Recruitment and Retention of a Diverse Population of Food Safety Students Using Market Research for Enhanced Programs - C.E. Wolf-Hall, S. Anand, K.A. Beauchamp, B. Chamberlin, J. Garden-Robinson, J. Gleason, C. Hall, J. Hegerfeld-Baker, P. Krishnan, K. Muthukumarappan, R.S. Littlefield, D. Saxowsky & C. Wachenheim (0291)

Enhancing Science Interest through the 4-H Science Extravaganza Program - Lindsay Myers & Levon Esters (0338)

Sustaining Agriculture through Graduate Directed K-12 Outreach Experiences - Melissa L. Welsh, Neil Knobloch & Herbert Ohm (0343)

Does Dyad Match Make A Difference in a University Mentoring Program? - Bradley C. Greiman & Carly Tremain (0387)

3:00 pm - 4:15 pm

Poster Session B and Break
University Center - 2nd Floor

5:00 pm - 8:00 pm

Farm Tours
Mann Valley Farm - Machine Shed

6:00 pm - 7:00 pm

BBQ
Mann Valley Farm - Machine Shed

Thursday, June 28

8:00 am - 9:30 am

Keynote Panel
University Center - Riverview Ballroom

Jerry Apps, Professor Emeritus at the University of Wisconsin-Madison and the author of more than 30 books, many of them on rural history and country life. Apps was a former publications editor for UW-Extension, an acquisitions editor for the McGraw-Hill Book Company, and editor of a national professional journal. He has won awards from State Historical Society of Wisconsin, the Wisconsin Library Association, The Wisconsin Council for Writers, American Library Association, and Barnes and Noble Bookstores, among others. In 2010 he received the Distinguished Service Award from UW-Madison's College of Agricultural and Life Sciences.

Terri Dallas, Vice President of Information and Public Relations for Cooperative Resources International (CRI). Dallas is a 29-year veteran of the artificial insemination industry. A native of Hastings, MN, Dallas is a 1980 graduate of the University of Minnesota. She is involved in the cooperative community currently serving on the Cooperative Network Board of Directors and is a Trustee on The Cooperative Foundation Board.

James Harsdorf, appointed in 2001 by Governor McCallum to serve as the Secretary of the Department of Agriculture, Trade and Consumer Protection. Harsdorf has been a dairy farmer since 1970 in Beldenville, WI. He is a graduate of the University of Minnesota. Harsdorf served in the State Assembly, the State Senate, and on the Board of Agriculture, Trade and Consumer Protection. In 2011 Harsdorf received the Wisconsin Master Agriculturalist award.

Gary Rohde, CAFES Dean Emeritus and professor of agricultural economics. Rohde served as Secretary of the Wisconsin Department of Agriculture, Trade and Consumer Protection from 1975 until his return to UW-River Falls in 1981. Rohde received the University's highest honor of Distinguished Teacher in 1975, he received the Cooperative Builder Award from the Wisconsin Federation of Cooperatives, was awarded an Honorary Wisconsin FFA Degree, and was cited for distinguished service by the Wisconsin Farm Bureau Federation. Rohde was recently inducted into the FFA Hall of Fame.

9:30 am - 10:15 am Poster Session C and Break
University Center - 2nd Floor

10:30 am - 11:30 am Concurrent Sessions C
University Center - 3rd Floor

Technology - Kinni Theater

Using Concept Maps to Gauge Student Understanding - Sara D. Hurst & T. Grady Roberts (0278)

Development and Classroom Incorporation of Novel Software for Collection and Visualization of Dietary Behavior and Reasons for Eating - Randy Burd, Donella Yoon, Stephen Kobourov, Susan Lanza-Jacoby, Francis Gilman, Barbara Chamberlin & Melanie Hingle (0305)



Survey of Preservice Agriculture Teachers' Knowledge of Teaching and Technology - Wendy J. Warner & Joy M. Marshall (0318)

Perception - Chippewa River Room

Sustaining By Advocating - Student Perceptions of Agricultural Advocacy - Chaney Mosley, Keyana Ellis & Eric Kaufman (0267)

Teacher Clarity: Student Perceptions - R. Kirby Barrick & Christopher M. Estep (0290)

A Comparison of Student and Professor Perceptions of Teacher Immediacy Behavior Use in the Classroom - Karla P. Shellnutt, Christopher M. Estep & T. Grady Roberts (0298)

Identifying the relationship of precollegiate and collegiate experiences in predicting the community values component of leadership development - Elizabeth A. Foreman & Michael S. Retallick (0340)

Modeling - Apple River Room

Evaluating Outputs and Outcomes in a Multi-Campus Education and Training Program - C. Kinoshita, O. Steele, G. Witteman, G. Hontz, R. Takahashi, P. Millen, A. Emmsley, W. Sakai, I. White, S. Chiang & M. Madden (0325)

Core Content and Competencies Needed in an Agricultural Communications Doctoral Program: A Delphi Study - Jennifer Ann Smith, Shelly Sitton & Jon Ramsey (0345)

An evaluation of students' cognitive parameters as well as their ability to utilize concept maps relating the principles of soil science - Jon M. Trappe, Lori J. Snyder & Stephanie Mitzman (0359)

Instructional Coherence of Standards and Assessment of Dual-Credit Courses in Advanced Life Sciences - Megan Anderson, Lisa Keefe, Neil Knobloch & Levon T. Esters (0368)

Faculty Focus - St. Croix River Room

My Second Life: Lessons Learned from the Front Line - Tracy Rutherford, Holli Leggette, Theresa Murphrey, David Doerfert, Christy Witt, Leslie Edgar & Don Edgar (0333)

Integrating Critical Thinking into a Curriculum - David Jones & Mark Kistler (0372)

Celebrating Advising as Teaching: Designing a Competency-Based Faculty Advisor Development Program to sustain advising excellence - Daniel D. Foster, Terry Musser, Jana Peters, Nancy Dreschel, James Howell & Stephanie Doores (0377)

Examining Outcomes Related to the Dissimilar Problem-solving Styles between Instructor and Student - Curtis R. Friedel & Chevanese L. Samms (0383)

International - Willow River Room

Engaging student self learning through an International Experience - David Jones (0319)

Beyond the University: Short- and Medium-Term Impacts of an International Professional Development Program for Faculty - Maria Navarro, Katrina R. Sharp, T. Grady Roberts, Robert B. Beckstead, Ron B. Pegg & Nicholas E. Fuhrman (0320)

International Agriculture and Development: A New Dual-Title Graduate Degree Program at Penn State University - Melanie M. Foster, Thomas H. Bruening, Edwin Rajotte & Deanna Behring (0335)

A Joint Degree in International Infectious Disease Management & Biosecurity -- The first in North America - Margaret L. Khaitisa, David J. Kabasa, Francis Ejobi, Samuel Majalija, Eugene Berry, John McEvoy, Penelope Gibbs, Birgit Pruess & Jane Schuh (0382)

12:00 pm - 5:00 pm

Tours

Buses Depart from South Entrance of University Center

Friday, June 29

8:00 am - 9:30 am

NACTA Committee Meetings
 University Center -
 2nd and 3rd Floors

Journal Committee - St. Croix River Room

Journal Awards Committee - Apple River Room

Membership & Public Relations Committee -
 Chippewa River Room

Educational Issues & Teaching Improvement Committee - Wind River Room

Teacher Recognition Committee - Willow River Room

International Committee - Eau Galle River Room



9:30 am - 10:45 am Poster Session D and Break
University Center - 2nd Floor

11:00 am - 12:00 pm Concurrent Sessions D
University Center - 3rd Floor

Technology - Kinni Theater

Become a Food Safety Scientist through food safety virtual labs in the classroom - Joan Hegerfeld-Baker, Sanjeev Anand, Jeanne Gleason, Delan Myers & Lisa Peterson (0342)

Using Interactive Flash Games to Enhance Student's Learning - Harouna A. Maiga & Marc L. Bauer (0360)

Are Students Responding to My Text Message During Your Class? - Kevin J. Donnelly & Dana J. Minihan (0363)

Experiential Learning - St. Croix River Room

Training Leaders in Climate Change Through Experiential and Field-Based Learning - Nicolette Phear (0326)

Using involvement theory to examine the relationship between undergraduate participation in extracurricular activities and leadership development - Elizabeth A. Foreman & Michael Retallick (0334)

Yearlong Involvement with the Curriculum for Agricultural Science Education: A High School Student Perspective - Misty D. Lambert, Jonathan J. Velez & Kristopher M. Elliott (0349)

Perception - Apple River Room

Student Satisfaction and Self-Efficacy in a Teaching Methods Course by Treatment - Misty D. Lambert, Jonathan J. Velez & Kristopher M. Elliott (0350)

How does CASE Compare to High School Science and Non-Science Courses? - Misty D. Lambert, Jonathan J. Velez & Kristopher M. Elliott (0351)

Modeling - Willow River Room

Learning about futures markets through a classroom experiment - Maud Roucan-Kane & L. A. Wolfskill (0317)

Comparative Profile of College of Agriculture and Life Sciences Transfer and Native Students' Pre-College and Collegiate Academic Characteristics - J.A. Kiesling, R.A. Martin, W.W. Miller & T. Polito (0321)

Comparative Profile of College of Agriculture and Life Sciences Transfer and Native Students' Performance in Upper-Division Courses - J.A. Kiesling, R.A. Martin, W.W. Miller & T. Polito (0323)

Alumni and Employment - Chippewa River Room

Understanding and Addressing Factors Influencing Careers in Large Animal Veterinary Medicine - Jason Roberts, Joey Mehlhorn, Scott Parrott & Sandy Mehlhorn (0230)

Show Me the Money: Agricultural Communications Graduates' Starting Salary at [University] - Jessica Fry, Erica Irlbeck & Cindy Akers (0307)

International service learning course learning outcomes respond to employer priorities for new graduates OR Why employers rank international experiences for soft skill development so lowly? - M. Russell, P. Ebner, H. Oliver & L. Snyder (0264)

12:00 pm - 2:00 pm Lunch and NACTA Business Meeting
University Center - Riverview Ballroom

2:30 pm - 4:00 pm Workshops/Round Table Discussions
University Center and Wyman Education Building

Round Table Discussions -
Wind River Room and Trimbelle River Room

Moving into the Professorate -
St. Croix River Room

Strategies for Building Student Engagement -
Wyman Education Building, Room 118

Strategies to Internationalize the Curriculum -
Willow River Room

You Mean I Have to Work With These People! (0322) -
Kinni Theater

5:30 pm - 6:30 pm Social Hour
University Center - Riverview Ballroom

6:30 pm - 8:30 pm Banquet
University Center - Riverview Ballroom




Posters

Poster Session A

(Wednesday, June 27 from 9:30 am - 10:45 am)

1. Unique Combination: Nuts and Unicorns Applying STEM Through Agricultural Education - Caryn Filson & M. Susie Whittington (O220)
2. Teaching Locally, Engaging Globally: Enhancing the Undergraduate Curriculum - Jessica L. Gouldthorpe, Grady Roberts, Amy Harder, Nicole Stedman, Kim Dooley, James Lindner & Maria Navarro (O224)
3. Incorporating constructivist and behaviorist instructional methods and Learner-Centered teaching theory into horse riding instruction programs and courses - Melissa Voigt, Steve McKinley, Annie Davis & Colleen Brady (O233)
4. Use of a Freshman Service Learning Project and Learner Centered Instruction to Introduce K-6 Students to Agriculture - William S. Sakai, Russell Shiohita, Debra Cheever-Follett, Maile Bellosi & Kelaulani Delostrico (O236)
5. Engaging Undergraduates and High School Students as Citizen Scientists: A Longitudinal Study of Forestry Data Collection Accuracy - Milton G. Newberry III, Nicholas Fuhrman, Chris Morgain, Jon Petersen & Sarah Deloach (O244)
6. Socioscientific Issues-based Instruction: Sustaining Agriculture through Consumer Education - Catherine W. Shoulders (O246)
7. Estudiante de Dietetica: Update and Evaluation of Mentoring Component - L. Kessler, S. Wallace, L. Olivares, A. Gordon & B. Burns-Whitmore (O254)
8. Written communication and cultural sensitivity skill development framed as career preparation and leadership for upper-class agriculture students - M. Russell & M. Tucker (O262)
9. Using Problem Based Learning to Teach Agricultural Law - Beau Pemberton, Joey Mehlhorn & Scott Parrott (O270)
10. Integrating Extension and Research Activities -- Implications for College Teaching - Caitlin Foley & Rama Radhakrishna (O272)
11. Animal Science Unit Addresses College Students' Multiple Intelligences - Crystal A. Allen & Walter Hurley (O283)
12. Training in information technologies to enhance agricultural instruction, research and outreach - Samuel Nahashon & Cheryl Seay (O306)
13. On-line Versus Face-to-Face Evaluation of Teaching: Is There a Difference? - Rama Radhakrishna & John Ewing (O311)
14. Biobased Energy Education Materials exchange System (BEEMS) - Yebo Li, Scott Pryor, Wei Liao, Brian He, Abolghasem Shahbazi, Lijun Wang, Ann Christy, Fred Michel & Thaddeus Ezeji (O316)
15. Celebrating Award Winning Teaching by Identifying Themes to Sustain in Post-Secondary Agriculture Instruction - Laura L. Sankey & Daniel D. Foster (O324)
16. A Comparison of Learning Styles and Academic Performance of Students Enrolled in Introductory Poultry Science Courses in Bachelors of Science and Associates of Applied Science Programs - L. Worley-Davis, J.L. Flowers, D.B. Croom & C.R. Parkhurst (O328)

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17. Tox in a Box: Utilizing Inquiry-based Instruction and a Flipped Classroom to Instruct Environmental Toxicology - Daniel D. Foster, Joshua Lambert, James Endreas Howell & Angela Dick (0329)
 18. Faculty Book Club for Teaching Excellence - Jeremy Falk & John Foltz (0330)
 19. Usage of Team- and Problem-Based Learning in a Sophomore-Level Animal Management Course - Bryan A. Reiling (0337)
 20. Pilot Study of Teaching and Learning Herbaceous Plants using an iPhone application - Cynthia Haynes & Kevin Duerfeldt (0339)
 21. The Professional Development Project for Teaching Advanced Animal Science - Samantha Ullrich, Doug Ullrich, Sheyenne Krysher & Dwayne Pavelock (0346)
 22. Teaching Technology in a Push-Button World - Emily Rhoades & Kelly Aue (0362)
 23. Teaching to Different Generations in today's Classroom - David Jones (0365)
 24. Enhancing Teaching and Learning: What do Faculty Need? - Maria Navarro (0384)

Poster Session B

(Wednesday, June 27 from 3:00 pm - 4:15 pm)

1. International Comparative Rural Policy Studies - Judith I. Stallmann, Maria Augusta Figueroa Armijos & Thomas G. Johnson (0226)
2. Rebuilding Higher Education in Agriculture in South Sudan - Jim McKenna & Pavli Mykerezi (0229)
3. Making Climate Change a Functioning Thread in the Baccalaureate Curriculum: Initiating a Transformation in Fiber, Textiles, and Clothing Education - Melody LeHew, Kim Hiller Connell & Cosette Armstrong (0231)
4. Drumbeats: Place-Based Science Education Certificate Programs for Rural Alaska - Elisa Bruns, Todd Radenbaugh, Rose Meier, Suzanne Nolan & Greg Finstad (0240)
5. A Model for Improving the Delivery of Youth Development Programs by Agricultural and Natural Resource Educators - Peter Skelton, Tom Dormody, Myoko Pattelena & Patricia Dappen (0255)
6. Supporting Innovative Teaching Approaches: The Curriculum Internationalization Grant Program at [University] - Maria Navarro & Kasee Clifton Laster (0257)
7. Enhancing Students' Small Business Knowledge and Entrepreneurial Skills from a Global Perspective: Collaborative Curriculum Design and Assessment - Nancy Hodges, Kittichai Watchravesringkan, Jennifer Yurchisin, Elena Karpova, Sara Marcketti, Jane Hegland & Ruoh-nan Yan (0265)
8. Revitalization of the South Carolina 4-H Market Steer Program through Educational Workshops - Cameron Burns, Thomas Dobbins, Dale Layfield & Steven Meadows (0275)
9. Development and Implementation of a National Center of Excellence in Dairy Production Medicine Education for Veterinarians - John Fetrow (0280)

10. The role of industry advisory councils in forming agribusiness curricula - L.A. Wolfskill & Gary J. Wingenbach (0288)
11. Development of the iVetSchool Application to Supplement Veterinary Medical Students Food Animal Education Through Problem Based Learning - Matt R. Raven, Robert Malinowski, Robert Linford, Lowell Midla, Kent Ames, Art Currey, Jon Patterson, Michele Kopcha, Frank (Bimbo) Welker & Ann Rashmir-Raven (0301)
12. Integrating Permaculture into a Planting Design Studio for Landscape Designers - Elizabeth Mogen (0304)
13. Linking Environmental Education and School Culture: Recommendations for Success - Stephanie Shumacher, Nicholas E. Fuhrmann & Dennis W. Duncan (0312)
14. Current State of Beef Education Relative to Future Needs of the Beef Industry - Bryan Reiling, Dennis Brink, Dennis Burson, Dann Husmann, Rick Rasby, Walter Schacht, Matt Spangler & Heather Stewart (0327)
15. Applying the modified social technographic ladder to education in agriculture - Holli Leggette, Tracy Rutherford & Tobin Redwine (0332)
16. Teachers' Concerns and Behaviors while Implementing the CASE curriculum - Misty D. Lambert, Jonathan J. Velez & Kristopher M. Elliott (0352)
17. Enhancing Learning and Introducing Agripharmatech Program to Middle and High-School Students by Involving Botany Club Members as Student Ambassadors - Ingelia White & Donna Kuehu (0369)
18. Creating Virtual Nursery Trips to Improve On-campus and Distance Education in Nursery Production - Amy N. Wright, James Robbins & Mengmeng Gu (0371)
19. Sustaining Agriculture by Incorporating Globalization in the Curriculum - Donna L. Graham (0373)
20. Building K-14 and University Partnerships to Enhance Science Capacity in Introductory Animal, Plant, and Food Sciences Courses - Lisa Keefe, Neil Knobloch, Bryan Hains, Mark Balschweid, Savannah Robin, Tameshia Ballard, Liceaga, Michael Zanis, Colleen Brady, L. Esters & M. Latour (0379)
21. Minnesota Career and Technical Education Student Performance - Sonja L. Flaagan, Lyle E. Westrom & Brad C. Greiman (0380)
22. Using Student Self-reflection to Improve Landscape Design Abilities - Ann Marie VanDerZanden (0232)

Poster Session C

(Thursday, June 28 from 9:30 am - 10:15 am)

1. The /University/ Farm: An Evolutionary Experiment in Experiential Learning Spanning Seven Decades - Jessica A. Kiesling, Robert A. Martin & Thomas H. Paulsen (0300)
2. Factors influencing Agricultural students attitude towards internship programs - Rezvan Ghanbarali, Kiumars Zarafshani & Lida Sharafi (0222)
3. Lessons Learned and Improvement to an Experiential Learning Activity - Kimberly A. Moore (0245)

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4. Using Contentious Issues in Agriculture to Strengthen the Critical Thinking Skills of College of Agriculture Undergraduates - Christopher M. Estep, Ricky W. Telg & Becky Raulerson (0251)
 5. Breaking Down Barriers: Advising Adult Learners in Higher Education - Caryn Filson & Chris Zirkle (0258)
 6. Experiential Learning and Training: Developing Traditionally Underrepresented Students in Food and Agricultural Sciences Majors Professionally and Personally - Paula E. Faulkner, Chastity Warren-English, Kenrett Jefferson-Moore, John P. Owens & Osei Yeboah (0274)
 7. Effects of a workshop on adult agricultural leaders' perception of communication skills: A case study - Tobin Redwine, Tracy Rutherford, Holli Leggette, Annie Specht & Caroline Black (0281)
 8. A partnership for recruiting non-traditional underrepresented students into agricultural sustainability degree programs - Mark Van Horn, Anne K. Stephens, Heidi L. Ballard & Thomas P. Tomich (0294)
 9. Building Community through Near Peer Mentoring in Graduate Student Communities - Katherine McKee, Tiffany Drape & Donna Westfall-Rudd (0296)
 10. Factors associated with choosing a college of agricultural science - Daniel D. Foster, John C. Ewing, Katie McDavid, Marianne Fivek & Terry Musser (0309)
 11. Sources of information utilized in choosing a college of agriculture science - John C. Ewing, Daniel D. Foster, Katie McDavid & Jonathan Ziegler (0310)
 12. The ACE Program: An Undergraduate Student Led Citizen Science Experience Builds Life Skills in Urban High Schoolers - Nicholas E. Fuhrman, Milton G. Newberry, A. Chris Morgan & Sarah G. DeLoach (0313)
 13. A Distributed Framework for the Research Experiences for Undergraduates in Water Resources - Jasmeet Judge, Kati Migliaccio Bin Gao, Sanjay Shukla, Reza Ehsani, Eric McLamore & Daniel Preston (0331)
 14. Engaging Undergraduates in International Relationships in Agriculture - Marcus Pollard (0347)
 15. Multiple use of horses for innovative teaching and research - Trinette Ross, Karen Hansen, Jason Bruemmer & David Denniston (0354)
 16. Celebrating student ownership in learning: Utilizing student contracts to develop global citizenship in an international immersion experience - Melanie M. Foster, Daniel D. Foster & David Ader (0357)
 17. Celebrating school-based agricultural education across the globe: Utilizing and sustaining digital community of practice - Daniel D. Foster, R. Kirby Barrick, Seung Ill Na, Melanie M. Foster & Laura Sankey (0367)
 18. Veterinary interest areas of students enrolled in a PreVeterinary track Professional Development Course - Shweta Trivedi, Brandon K. Maddox, Dustin C. Orr & Jodie L. Joseph (0374)
 19. Service Learning Meets Digital Modeling Technology - Treva Sprout Ahrenholtz (0375)
 20. Promoting Agriscience Literacy through a State Fair Learning Scavenger Hunt - Bekah Nortrup, Levon Esters & Justin Armstrong (0376)

21. Examining Student Experiences in a Modified Problem Based Learning Approach to Teaching Sustainable Soil Management - Alisha F. Hackinen, Maja Krzic, Jolie Mayer-Smith & Les Lavkulich (0385)
22. Exploring the Use of a Course Management System for Online Academic Advising - Kelsey Hall & Taylor Adams (0386)
23. Recycling Barrel & Roll Out the Rain Barrel Service-Learning Project - Jean A. Gleichsner (0388)
24. Celebrating and Sustaining Honors and Agriculture - Timothy J. Nichols (0391)

Poster Session D

(Friday, June 29 from 9:30 am - 10:45 am)

1. The Relationship between Self-Regulated learning and Problem Solving Style in Participants of an Agricultural Leadership Program - Avery Culbertson, Alexa Lamm & Hannah Carter (0355)
2. Factors Influencing Agriculture Student Transition and Retention in College - Sandy Mehlhorn, Jason Roberts, Joey Mehlhorn & Jimmy Butler (0228)
3. Determining Educational Needs of Greenhouse growers Using Borich Need Assessment and Quadrant Analysis in Kermanshah Province - Kiumars Zarafshani & Roya Arbayeen (0218)
4. Analysis of Student Learning Stages and Styles of Agricultural and Natural Resource Based Theory of Experiential Learning Cycle - Abdul Hamid, Jafar Yaghubi, Shahab Fekri Mehin & Marjan Sepahpanah (0219)
5. Is Student Learning Motivated by Money? - Joe Parcell, Jill Moreland, Haluk Gedikoglu & Anna Henry (0252)
6. Assessing Retention in Two Freshman Natural Resource Orientation Courses - Mark E. Burbach, Shannon L. Moncure, Sue Ellen Pegg, Sara L. Cooper & Sara R. Winn (0260)
7. Formative Evaluation with the Classroom Survey of Student Engagement - Eric K. Kaufman (0266)
8. The Perceptions of the Quality of Education Received from PhD Student Instructors from the Eyes of Four Agricultural Education Undergraduate Students - Nathan W. Conner & Eric D. Rubenstein (0271)
9. Awareness, Use and Perceptions of Biodiesel: A Comparison of Agriculture and Non-Agriculture Majors - D.M. Johnson, D.W. Edgar, L.E. Edgar & M.L. Pate (0282)
10. Empirically Testing Online Recruitment Materials - Quisto Settle, Lauri M. Baker, Joy Goodwin & Tracy Irani (0284)
11. Influence of faculty earned degrees on agribusiness curriculum content - L.A. Wolfskill & Gary J. Wingenbach (0285)
12. Exploring Faculty Development Needs: A Focus Group - Natalie Coers, T. Grady Roberts, Jessica L. Gouldthorpe, Christopher M. Estep & Becky Raulerson (0297)

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13. Our students: A profile of the 2011 fall semester college of agriculture freshman - Daniel D. Foster, John C. Ewing & Katie McDavid (0308)
 14. Undergraduate Student Perceptions of Public Speaking and Communication Technology - Sarah G. DeLoach, Milton G. Newberry, Nicholas E. Fuhrman & A. Chris Morgan (0314)
 15. Needs Assessment for the Development of a Geographic Information Systems Course to Manage Campus Information - Kevin Duerfeldt & Jennifer Boussetot (0315)
 16. An International Travel Course: Student Concerns and Expectations - Cynthia Haynes & Ann Marie VanDerZanden (0336)
 17. Correlation of SAT/ACT Scores and Estimated Family Financial Contribution of Texas FFA Scholarship Recipients - Casey Page, Sheyenne Krysher, L.A. Wolfskill, Dwayne Pavelock, Doug Ullrich & Michael Lau (0341)
 18. Assessing Critical Thinking and Communication Skills of Undergraduate Research Interns in Sustainable Agriculture - Lurline Marsh, Fawzy Hashem, Corrie Cotton & Arthur Allen (0348)
 19. A Collaborative Study Abroad Research Project of the Assessment of Dairy Cows Behavior While Integrating Group Problem Solving and Critical Thinking Skills - Unruh Snyder, J. Brendemuhl, J. Patterson, J. Marchant-Forde, P. Woodson, A.J. Lamm, T.A. Irani & A.E. Davis (0353)
 20. Perspectives on agricultural and life sciences undergraduate research experience - Amanda Ford, Elaine Turner & Wendy Dahl (0361)
 21. Perceptions of Receiving Feedback and Outcoming Performance Anxiety: Insights from Preservice Agricultural Teachers - Julie C. Robinson & Caryn M. Filson (0366)
 22. Measuring Community Economic Impacts Derived from FFA Career Development Event Participant Spending - Roger Hanagriff, Dwayne Pavelock, John Rayfield & Doug Ulrich (0370)
 23. Academic Performance in a Two-Year Turfgrass Management Program as an Indicator for Career Success and Program Assessment - David A. Willoughby (0378)
 24. Critical Evaluation of Sustainability Claims in Building Products - Treva Sprout Ahrenholtz (0389)

Program at a Glance

Date and Time	Event	Location
Tuesday, June 26		
12:00 pm - 7:00 pm	Conference Registration	University Center - Falls Room
3:00 pm - 5:30 pm	South Fork Suites Check-in	South Fork Suites - Main Entrance
2:00 pm - 5:00 pm	NACTA Executive Meeting	University Center - Willow River Room
2:00 pm - 5:00 pm	DOCE Meeting	University Center - Kinni Theater
6:00 pm - 8:00 pm	Welcome Reception	Agricultural Science Building - Room 200
Wednesday, June 27		
7:00 am - 2:00 pm	Conference Registration	University Center - Falls Room
8:00 am - 9:30 am	Blue Ribbon Presentation	University Center - Riverview Ballroom
9:30 am - 10:45 am	Poster Session A/ Break	University Center - 2nd Floor
11:00 am - 12:00 pm	Concurrent Sessions A	University Center - 3rd Floor
12:00 pm - 1:30 pm	Lunch	University Center - Riverview Ballroom
2:00 pm - 3:00 pm	Concurrent Sessions B	University Center - 3rd Floor
3:00 pm - 4:15 pm	Poster Session B/ Break	University Center - 2nd Floor
5:00 pm - 8:00 pm	Farm Tours	Mann Valley Farm - Machine Shed
6:00 pm - 7:00 pm	BBQ	Mann Valley Farm - Machine Shed
Thursday, June 28		
8:00 am - 9:30 am	Keynote Panel	University Center - Riverview Ballroom
9:30 am - 10:15 am	Poster Session C/ Break	University Center - 2nd Floor
10:30 am - 11:30 am	Concurrent Sessions C	University Center - 3rd Floor
12:00 pm - 5:00 pm	Tours	Buses Leave from South Entrance of University Center
Friday, June 29		
8:00 am - 9:30 am	NACTA Committee Meetings	University Center - 2nd and 3rd Floors
9:30 am - 10:45 am	Poster Session D/ Break	University Center - 2nd Floor
11:00 am - 12:00 pm	Concurrent Sessions D	University Center - 3rd Floor
12:00 pm - 2:00 pm	Lunch/ Business Meeting	University Center - Riverview Ballroom
2:30 pm - 4:00 pm	Workshops/Discussions	University Center & Wyman Education Building
5:30 pm - 6:30 pm	Social Hour	University Center - Riverview Ballroom
6:30 pm - 8:30 pm	Banquet	University Center - Riverview Ballroom