

# 2015 NACTA Poster Schedule

**Please note:** Posters can be hung after 7:30 am and can be removed after 4 pm. On Wednesday, posters should be hung by 8 am. On Friday, posters should be hung by 8:30 am. All posters will stay up for the entire day of presentation. Half of the authors will be present during the first session, half will be present during the second session.

Abstract Number	Day of Poster Presentation	Author must be Present	Title	Authors
032	Wednesday	9:30 - 10:45	Integrating Containerized Native Perennial Plants into Greenhouse Crop Production Curricula	Christopher J. Currey, Chad T. Miller and Ann Marie VanDerZanden
036	Wednesday	9:30 - 10:45	Advising Perspectives Inventory and Workshop Outcomes	Dennis Buckmaster, Tim Kerr and Neil Knobloch
038	Wednesday	9:30 - 10:45	UFCTI: Measuring Students' Critical Thinking Styles	Alexa Lamm and Ricky Telg
046	Wednesday	9:30 - 10:45	Service-learning in a Community Nutrition Course: Technology-enhanced Strategies for Assessment of Student Learning	Georgianna Mann*, Jennifer Helms, Elena Serrano and Sarah Misyak
047	Wednesday	9:30 - 10:45	Students' Perceptions of Enhancing Teaching-Learning Environment in Agricultural Classrooms	Emily Urban, John C. Ewing and Rama Radhakrishna
058	Wednesday	9:30 - 10:45	Using Case Study Reusable Learning Objects (RLOs) to Facilitate Critical Thinking in Food, Agriculture, and Natural Resources	T. Grady Roberts, Nicole L. P. Stedman, Amy Harder, Becky Raulerson and Bertrhude Albert
060	Wednesday	9:30 - 10:45	Benefits of the Conservation Reserve Program on Highly Erodible Land	William Payne, Wayne Atchley, Rudy Tarpley and David Snyder

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Abstract Number	Day of Poster Presentation	Author must be Present	Title	Authors
062	Wednesday	9:30 - 10:45	Behind the Scenes: Working a Professional Golf Event	Christian M. Baldwin, Gaea Hock and Barry R. Stewart
065	Wednesday	9:30 - 10:45	Sense and Consensus on Climate change	Kalyan Ghadei, Tom Hammett*, Rick Rudd, and Dana Hogg
068	Wednesday	9:30 - 10:45	The Sweet Potato Innovation Challenge	Stephen L. Meyers, Jason K. Ward, April K. Heiselt and Laura H. Downey
075	Wednesday	9:30 - 10:45	An Examination of School-based Texas Agriculture Science Teacher Position Announcements for the 2014-2015 Academic School Year: Are Teachers Prepared to Meet These Challenges?	Casey Roe and P. Ryan Saucier
076	Wednesday	9:30 - 10:45	The Relationship of Quality and Quantity of Agricultural Mechanics Training in Agricultural Post-Secondary Preparation in the state of Iowa	Nichole Gent, Taylorann Clark, Ryan Anderosn and Thomas H. Paulsen
082	Wednesday	9:30 - 10:45	A Peer to Peer Program for Teaching Family and Small-Scale Commercial Hydroponic Vegetable Production in a Low Cost Insect-Free Greenhouse for Tropical Areas	Howard Pea, Randy Kilhoffer, Stacy Kilhoffer, William Sakai, Marcia Sakai and Russell Shiohita

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113	Wednesday	9:30 - 10:45	Exploring Leadership Development Through Community-Based Experiences	Aaron J. McKim, Josh Stewart, Kellie Strawn and Jonathan J. Velez
114	Wednesday	9:30 - 10:45	Career Interests of Agriculture Dual Enrollment Students	Steven "Boot" Chumbley and Greta Schuster
121	Wednesday	9:30 - 10:45	Teaching Welding: Actual vs. Virtual Reality	Michael Watson, Dwayne Pavelock, Doug Ullrich, Robert Maninger and Joe Muller
122	Wednesday	9:30 - 10:45	Nonlinguistic Representation as a Tool for Enhancing Thinking Skills	Gaea Hock and T. J. Bradford
123	Wednesday	9:30 - 10:45	Anxiety of Welding Lowered Through Virtual Reality	Michael Watson, Dwayne Pavelock, Doug Ullrich, Robert Maninger and Joe Muller
125	Wednesday	9:30 - 10:45	Utilizing Celly Technology to Encourage Student Completion of Coursework	Gaea Hock and Alyssa Barrett
130	Wednesday	9:30 - 10:45	Teaching Applied Physical Science in a Metals and Welding Activity	Michael L. Pate*, Bruce Miller and Richard Beard

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Abstract Number	Day of Poster Presentation	Author must be Present	Title	Authors
154	Wednesday	9:30 - 10:45	Change in Student Values after Completing an Academic Community Engagement Course	Marcy M. Beverly*, Stanley F. Kelley, Mark Anderson, Foy Mills Jr. and Sharon Frey
155	Wednesday	9:30 - 10:45	Hispanic Agricultural Education Students' Career and College Plans	Kristopher M. Elliott and Misty D. Lambert
157	Wednesday	9:30 - 10:45	Teaching Best Management Practices to Secondary Agriculture Students	Rachel Mack, Hannah Scherer, Jim Owen and Alex Niemiera
168	Wednesday	9:30 - 10:45	WHO FILLS THE SEAT: Student Perception of Current and Contemporary Issues Facing Food and Animal Agriculture	Ashtin Bechtold, Samantha Lowman, Dan Stein, Michelle Calvo-Lorenzo and Traci Naile
180	Wednesday	9:30 - 10:45	Agricultural Policy Influencers' Preferred Methods of Communication: Helping Educators Prepare Students to Impact Agricultural Policy	Victor Salazar, Tracy Rutherford, Gary Briers and Ron Lacewell
189	Wednesday	9:30 - 10:45	Are Judges Biased During Competitive FFA Events when Using Subjective Criteria	Meagan Pasket, Dwayne Pavelock, Mark Anderson and Doug Ullrich

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Abstract Number	Day of Poster Presentation	Author must be Present	Title	Authors
190	Wednesday	9:30 - 10:45	Agricultural Outreach Activities in Western Puerto Rico	Winston de la Torre and Felix Román
193	Wednesday	9:30 - 10:45	Impact of a Child Safety Seat Checkup Educational Event	Brianne N. Langdon, Whit H. Weems, G. Curtis Langley and Donald W. Kelm
197	Wednesday	9:30 - 10:45	Student Knowledge of Animal Agriculture and Animal Welfare Topics: 1 Year Summary	Kimberly Cash, Bruce Shanks, James Caldwell, Amy Bax and Luke Wilbers
217	Wednesday	9:30 - 10:45	Student and Faculty Perceptions of Implementing Active Learning in College of Agriculture Courses	Tracy Dougher, Irene Grimberg, Shannon Arnold, Tony Hartshorn, Dustin Perry and Mac Burges
233	Wednesday	9:30 - 10:45	Inspiring the Next Generation of Agronomists Through New Biofuel Educational Resources	Martin L. Battaglia and Hannah H. Scherer
234	Wednesday	9:30 - 10:45	Innovative Approach to Promote Higher Level Learning of Complex Scientific Concepts in a Rigorous Nutritional Biochemistry Course	Dawn Brewer, Darrell Brewer and Tammy Stephenson
239	Wednesday	9:30 - 10:45	Summer Interns as Recipients and Deliveries of Agriculture Related Information	C. Catanzaro, N. Jaja and R. Omotoye

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247	Wednesday	9:30 - 10:45	Mentoring About Climate Change: A Two-Way Street.	Brooke Zanetell
258	Wednesday	9:30 - 10:45	Protecting Water Quality - Spreading the Message	J. A. Gleichsner, J. B. McGonegal, B. J. Stoss, A. J. Rudd and J. J. Cahoj
259	Wednesday	9:30 - 10:45	Using the <i>New Illustrated Guide to Soil Taxonomy</i> in Undergraduate Soil Courses	Kim J. Kerschen, Michel D. Ransom and Stephen J. Thien
008	Wednesday	10:45 - 12:00	Publishing Graduate Class Projects: Advantages and Potential Pitfalls	Carolyn A. Copenheaver, S. Andrew Predmore and Nicholas E. Fuhrman
019	Wednesday	10:45 - 12:00	"Flipped Internships"• : One Way Arizona Grows a Diverse Agriculture Workforce	Marshall Logvin
020	Wednesday	10:45 - 12:00	Team-Based Learning Outcomes in Agricultural Education: Developing a Survey Instrument to Evaluate Student Individual and Group Learning	Lisa Orgler*, Georgeanne Artz, Keri Jacobs, Sarah Bickelhaupt, Holly Bender, Laura Bestler, Beth Caissie, Cassandra Dorius, Michael Dorneich, Sandra Gahn, Monica H. Lamm, Jane Rongerude and Ann Smiley
024	Wednesday	10:45 - 12:00	If You Flip it, Will They Come?	Heidi Radunovich

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Abstract Number	Day of Poster Presentation	Author must be Present	Title	Authors
039	Wednesday	10:45 - 12:00	Delivery and Student Perception of a Flipped Senior-level Soil Science Course	Sergio Abit
042	Wednesday	10:45 - 12:00	Concept Development in an Entry-level Landscape Design Course	Lisa Orgler
053	Wednesday	10:45 - 12:00	Development of an On-line Game for Post-secondary Food Safety Education	Adrienne E.H. Shearer*, Dallas G. Hoover, Sue Snider, Jeanne Gleason, Barbara Chamberlin, David Abraham, Pamela Martinez and Kalmia E. Kniel
055	Wednesday	10:45 - 12:00	The LEADERS Program: Experiential Learning Opportunities for Hispanic Students in Animal Science	Kim McCuistion and Clint Löest
073	Wednesday	10:45 - 12:00	Experiential Learning in Distance Locations	Charles Kinoshita and Sylvia Wu
079	Wednesday	10:45 - 12:00	Experiential Learning Activities as Tools to Promote Diversity in Food Science and Technology	Lynette E. Orellana, María de L. Plaza, Edna Negrón, Leyda Ponce de León and Angel O. Custodio*

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Abstract Number	Day of Poster Presentation	Author must be Present	Title	Authors
081	Wednesday	10:45 - 12:00	Experiential learning using slow motion kinematic analysis to enhance student learning and decision making	Kylee J Duberstein
134	Wednesday	10:45 - 12:00	Effect of Colored Versus White Paper on Student Exam Performance	John Cole and Sandy Mehlhorn
138	Wednesday	10:45 - 12:00	Student Evaluations of a Problem Based Learning, Large Animal App for iDevices	Ann M. Rashmir---Raven*, Jennifer Roberts, Kent Ames, Jon Patterson, Robert Malinowsk, Matt R. Raven, Robert L. Linford, Ben Nabors, Lowell Midla and Frank Welker
148	Wednesday	10:45 - 12:00	Using the Flipped Classroom to Develop 21st Century Employability Skills: Merits, Limitations, and Strategies	D. Adam Cletzer, James Anderson II and M. Antonio Silas
158	Wednesday	10:45 - 12:00	Toward a Concentric Model of Change: Completing a Model of Holistic Human Development	Tobin Redwine, Tracy Rutherford and Gary Wingenbach
162	Wednesday	10:45 - 12:00	How Efficacy and Professional Development Support Affect Integration of Other Subjects in a Formal Agricultural Education Classroom	Tiffany A. Drape, Donna Radford, Megan Lopez and Rick Rudd



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165	Wednesday	10:45 - 12:00	Evaluation to Improve College Teaching: Going Beyond the Student Evaluation Instrument	Jeremy Falk and Aaron Johnson
171	Wednesday	10:45 - 12:00	Self- efficacy Assessment in a PreVeterinary-track Professional Development Course	Shweta Trivedi, Kimberly Schreiber and James Harper
174	Wednesday	10:45 - 12:00	Investigating Students' Experiences at a Professional Development Conference	Brooke Prather, Holli R. Leggette and Tracy Rutherford
182	Wednesday	10:45 - 12:00	Utilizing Snapchat to Prepare for Career Development Events	OP McCubbins, Ryan Anderson and Thomas H. Paulsen
186	Wednesday	10:45 - 12:00	Instructors' Understanding of their Qualities that Support Student Engagement: A Phenomenological Study of an Agriculture Field Course	Shannon L. Moncure and Chuck Francis
188	Wednesday	10:45 - 12:00	Breadfruit Plants: Tools for Experimental Teaching and Learning	Sharad P. Marahatta, Derek K. Foley, Kamala S. Marahatta, Jonathan Mariani, Bronsen M. Nishida, Robert A. Petersen, Cheryl L. Stoddard and Jin-Wah Lau

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192	Wednesday	10:45 - 12:00	Student-led Facilitation: A Strategy for Class Engagement and Learning	Mark J. Kistler
200	Wednesday	10:45 - 12:00	Developing Pragmatic Research Consumers Through Action Based Research Project in Agricultural Education Teaching Internships	Laura L. Rice* and Daniel D. Foster
208	Wednesday	10:45 - 12:00	Engaged Scholarship: An Environmental Major Encircled in Learning	Tammy Bennett and Robert Shannon
209	Wednesday	10:45 - 12:00	Impact of a Faculty Learning Community on the Development of Distance Education Courses in a College of Agriculture	Jean Bertrand, Emilia Dover, Dennis Duncan, Nick Fuhrman, Maria Navarro, Jill Rucker and Chris Morgan
210	Wednesday	10:45 - 12:00	Teaching Beliefs and Teaching Self-Efficacy of Graduate Students Participating in a Teaching Workshop	Christopher M. Estep, T. Grady Roberts and Christopher T. Stripling
218	Wednesday	10:45 - 12:00	Creative and Innovative Professional Development: An Interdisciplinary Collaboration Between Teachers and Nutrition Educators	Caroline Glagola Dunn, Natalie M. K. Ridgewell and Karla P. Shelnett

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232	Wednesday	10:45 - 12:00	Labeled School Gardens Make Great Classrooms	Althea Whitter---Cummings* and Rick Rudd
235	Wednesday	10:45 - 12:00	An Evaluation of Student Perceptions and Knowledge Regarding Cooperative Extension in the College of Agricultural and Life Sciences (CALIS)	Megan McLeod, Amanda L. Ford*, Nancy J. Gal, R. Elaine Turner and Wendy J Dahl
236	Wednesday	10:45 - 12:00	The Effectiveness of Program Area Committees Related to Extension Program Planning	Whit H. Weems, Chris T. Boleman and David Lawver
237	Wednesday	10:45 - 12:00	Increasing Student Engagement on a University Teaching Farm through an Experience-rich Management Course	Matthew Shultz, Emily Hume and Michelle Santiago
254	Wednesday	10:45 - 12:00	Analysis of Student Engagement by Academic Major	Wayne Atchley, Whit Weems, David Frazier and Mike Haynes
255	Wednesday	10:45 - 12:00	A Systems Approach to Fostering a Collaborative Experience for Teaching Research: A Case Study	Billy McKim, Annie Specht and Ashley Yopp
274	Wednesday	10:45 - 12:00	Establishing a Professional Science Master's Program to Develop Future Biotechnology Workforce with Business Skills	Samuel N. Nahashon*, Ahmad Aziz, Korsi Dumenyo and Chandra Reddy

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015	Friday	9:30 - 10:45	International Student Organization: Excellent Partners for Global Learning in Agriculture	Melanie Miller Foster, Daniel D. Foster and Nur Husna Abd Wahid
021	Friday	9:30 - 10:45	Stimulating Interest in Plant Sciences to Intermediate and High School Students of Windward Oahu	Ingelia White and Michael Denis*
022	Friday	9:30 - 10:45	Examining E-Extension: Diffusion, Disruption, and Rate of Adoption Among Iowa State University Extension and Outreach Professionals	Cayla Taylor and Greg Miller
025	Friday	9:30 - 10:45	An E-learning Feasibility Study: Perceptions of Undergraduate Agricultural Students	Reza Movahedi and Marjan Sepahpanah*
033	Friday	9:30 - 10:45	Advancing Your Scholarly Teaching into the Scholarship of Teaching and Learning (SoTL)	Ann Marie VanDerZanden, Cynthia Haynes and Sara Marcketti
048	Friday	9:30 - 10:45	From Exposure to Challenging Urban Youth with STEM in Agriculture through the Purdue Agribusiness Science Academy (PASA) Summer Institute	Pamala Morris and Myron McClure

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049	Friday	9:30 - 10:45	Changes in Student Perception of Food Animal Agriculture Following Discussion of Controversial Topics	Daniel H. Poole, Sarah E. Lyons and Jeannette A. Moore
052	Friday	9:30 - 10:45	Implementation and Assessment of Cross-curricular, Case-based Food Safety Educational Materials for the Secondary Education Community	Adrienne E.H. Shearer*, O. Sue Snider and Kali E. Kniel
063	Friday	9:30 - 10:45	Self-Perceived Leadership Competencies among Agricultural Sales Students	Sarah Wright and K. Jill Rucker
072	Friday	9:30 - 10:45	Development and Evaluation of the Transdisciplinary Obesity Prevention Research Sciences Program	Barbara Fiese*, Jill Bowers*, Dorothy Teagarden, Amber Hammons, Lizanne Destefano, Gabriella Garcia and Brenda Koester
086	Friday	9:30 - 10:45	An Undergraduate Research Experience: Using Technology to Monitor Japanese Beetles, Related to Climate Change, Across New York State	Nikki Shrimpton, Linda Jones, Sadie Ross and Jeremy Stone

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095	Friday	9:30 - 10:45	Does Global Mindedness Vary by Academic Major with Agricultural Disciplines?	Melissa Hendrickson, Elizabeth Wilson, Koralalage Jayaratne and Wendy Warner
111	Friday	9:30 - 10:45	Desired Leadership Competencies among Agricultural Sales Professionals: A Delphi Study	Sarah Wright and K. Jill Rucker
112	Friday	9:30 - 10:45	Development of a Distance Education Program by a Land-grant University Augments the 2-year to 4-year STEM Pipeline and Increases Diversity in STEM	Jennifer C. Drew and Eric W. Triplett
119	Friday	9:30 - 10:45	Short-Term Study Abroad: What Concerns do Undergraduates have about International Travel?	Amber Lynn Willis*, Wendy J. Warner, Barbara M. Kirby and David W. W. Jones
126	Friday	9:30 - 10:45	A First Year Research Experience in the Large Undergraduate Classroom	Krista Wilde* and Fran Walley
131	Friday	9:30 - 10:45	Using Cases in an Online Sustainable Agriculture Course	Lurline Marsh

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141	Friday	9:30 - 10:45	To What Extent are Hispanic Students Underrepresented in Texas Colleges of Agriculture?	Christopher M. Estepp and Christopher T. Stripling
143	Friday	9:30 - 10:45	Challenges and Opportunities for Underrepresented Agriculture Students in obtaining USDA Job Training in the STEP UP to USDA Career Success Program	Randy L. Stanko, Shad D. Nelson, Tanner J. Machado, Greta L. Schuster and Consuelo Donato-Molina
144	Friday	9:30 - 10:45	Examining Rapport, Student Satisfaction, and Learning Gains in an Undergraduate Research Experience	Christopher M. Estepp
150	Friday	9:30 - 10:45	Tours for Empowering Future Professionals	Jessica Holt, Joy Rumble and Emily Cabrera
156	Friday	9:30 - 10:45	Needs and Expectations of Stakeholders for an Agricultural Academic Department Website	Tobin Redwine and Tracy Rutherford
164	Friday	9:30 - 10:45	Influential Recruitment Factors for a Midwestern College of Agricultural Sciences.	Gary Apgar and Mickey Latour

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187	Friday	9:30 - 10:45	iTeach: Building an Inter-University Veterinary Pathology Community of Learning	Kelly Soltysiak, Heather Simmons, Valerie York, Jesse Hostetter and Derek Mosier
196	Friday	9:30 - 10:45	Orienting the First Year Student: Mapping the Future	Robert Shannon and Tammy Bennett
226	Friday	9:30 - 10:45	Perceptions of Undergraduate Students Regarding Global Hunger	David Jordan, Bob Patterson, Gary Moore, Wendy Warner and Carla Cave
240	Friday	9:30 - 10:45	Utilizing Social Media and Technology in the Classroom: Innovative or Irritating?	Courtney Vengrin, Tanya Halliday and Donna Westfall-Rudd
248	Friday	9:30 - 10:45	The Odyssey of Creating a New Study Abroad Program	Colleen Kelly
250	Friday	9:30 - 10:45	Bridges of Madison County: Motivations and Barriers of Appalachian Students to Pursue Higher Education	Joy E. Morgan, Travis D. Park and Meghan M. Wood



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256	Friday	9:30 - 10:45	Analyzing Agricultural Leadership Programs across the United States: Trends in Majors, Minors, Options, Graduate Programs, Certifications and Courses	Jackson Alexander, Jill Rucker and Donna Graham
262	Friday	9:30 - 10:45	100,000 Strong in the Americas- Private-Public Partnerships Engagement for Study Abroad in Costa Rica	Lori Unruh Snyder and Amber Willis
266	Friday	9:30 - 10:45	Undergraduate Research Best Practice: Understanding Success Through Contextualization	Jonathan M. Seymour
271	Friday	9:30 - 10:45	Optimizing Recruitment Strategies for Food Safety Careers Using the Social Cognitive Career Theory	Kristen Saniga and Clint Stevenson
273	Friday	9:30 - 10:45	Impact of Major Program Events on Instructor Self Perception	Andrew Bolton* and Don Edgar
280	Friday	9:30 - 10:45	Strengthening Families through Sustainable Agriculture	Mary Martini, Kanayo Sakai and Taryn Kurosawa
009	Friday	10:45 - 12:00	Listicles: A different platform for the "term paper"	Anna C. Dilger

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011	Friday	10:45 - 12:00	Assessing Agricultural Student Understanding of Entrepreneurship Skills: Implications on How to Teach Entrepreneurship	Morgan Miles, Joey Mehlhorn*, Laurie Bonney and Niyana Fraser
012	Friday	10:45 - 12:00	Integrating Solar Photovoltaic Technology into Agriculture Education: Benefits & Challenges	Edward A. Franklin
017	Friday	10:45 - 12:00	Global Teach Ag! Initiative: A Framework for Discipline-specific Global Competency Development	Daniel D. Foster and Melanie Miller Foster
018	Friday	10:45 - 12:00	Native Plant: What Does it Mean and Why Does it Matter?	Ann Marie VanDerZanden, Christopher J. Currey and Chad T. Miller
027	Friday	10:45 - 12:00	Why are Students Choosing to Dropout from College of Agriculture at Razi University?	Kiumars Zarafshani, Akram Binaian, Afsaneh Malekhosseini, Lida Sharafi, Marzieh Norouzi and Hossein Heydari
029	Friday	10:45 - 12:00	Developing Well Rounded Agriculture Students: The Importance of Teaching U.S. Agricultural History	James Butler, Danny Walker, Jason Roberts and Joey Mehlhorn
030	Friday	10:45 - 12:00	Successful Development of Niche Programs in Agriculture: Administrative and Industry Issues	Danny Walker, Jason Roberts, Emalee Buttrey and Joey Mehlhorn

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034	Friday	10:45 - 12:00	First Year Experience for Veterinary Science Students: Starting in the Right Direction	Jason Roberts, Danny Walker*, Emalee Buttrey and Joey Mehlhorn
037	Friday	10:45 - 12:00	Using a Pen Pal Program to Assess Student Learning in Science and Communications	Samantha Green, Michael S. Retallick and Cynthia Haynes
051	Friday	10:45 - 12:00	Utilizing Videos to Enhance Student Understanding of Soil Science Calculations	Sergio Abit, Patrick Curl and James Jade Lasquites
061	Friday	10:45 - 12:00	The Impact of a Manuscript Critique Program on Horticulture Students' Knowledge and Perceptions toward Scientific Writing	Catherine W. Shoulders and Michael R. Evans
074	Friday	10:45 - 12:00	Motivating Factors for Student Choice of Major: A Longitudinal Study	Christina Leard, Thomas Dobbins, Kendall Kirk and Dale Layfield
085	Friday	10:45 - 12:00	Fitness Conditioning Opportunity Improves Classroom Knowledge and Encourages Personal Fitness	Kari Turner
096	Friday	10:45 - 12:00	Strategies for Teaching Weed Identification	Patrick J. Tranel

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108	Friday	10:45 - 12:00	Integrating Native Perennial Plant Concepts into Plant Propagation Curricula	Chad T. Miller, Christopher J. Currey and Anne Marie VanDerZanden
128	Friday	10:45 - 12:00	Mapping the Membership, Does it Help to Affiliate?	Jason McKibben
129	Friday	10:45 - 12:00	Change of Plans: A Twisted Approach to the Traditional Microteaching Model	Carley Calico and Gaea Hock
135	Friday	10:45 - 12:00	Millennial Alumni Perceptions of Communications Media Used by the Dale Bumpers College of Agricultural, Food and Life Sciences	Amanda Northfell, Leslie D. Edgar, Donna L. Graham and K. Jill Rucker
145	Friday	10:45 - 12:00	Understanding What is Important to New Students: Goal Setting in an Animal Science Freshmen Orientation Course	S. L. Schaake*, T. L. Douthit, A. K. Sexten and M. R. Hay McCammant
151	Friday	10:45 - 12:00	Creative and Innovative Nutrition Lesson Plans: Backward Design, Instructional Strategies, and Florida Standards	Natalie M. K. Ridgewell, Karla P. Shelnutt and Gail Kauwell

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Abstract Number	Day of Poster Presentation	Author must be Present	Title	Authors
153	Friday	10:45 - 12:00	The Cooperating Teacher Component: Exploring Effectiveness	Josh Stewart, Misty D. Lambert, Jonathan J. Ulmer, Phillip A. Witt and Candis Carraway
161	Friday	10:45 - 12:00	Exam Score Determinants in an Undergraduate Agricultural Economics Course	Justin Anderson, Daniel S. Tilley and R. Joe Schatzer
184	Friday	10:45 - 12:00	Joint Ventures in Agriculture: A Novel Approach to an Agricultural Policy Course	Kevin Curry Jr*, Alyssa Degreenia and Elizabeth Wilson
195	Friday	10:45 - 12:00	Relationship between Trainability and Herd Aggression of Horses Utilized in an Undergraduate Equine Behavior Course	J. L. Leatherwood, M. J. Anderson, K. R. Jones, K. J. Stutts, M. M. Beverly and S. F. Kelley
201	Friday	10:45 - 12:00	Performance of Incoming Freshman Students with Different Ethnicities and Genders	M. J. Anderson*, S. F. Kelley, K. J. Stutts, M. M. Beverly and J. L. Leatherwood
204	Friday	10:45 - 12:00	Students' Involvement in Campus Organizations: Attitudes and Perceived Benefits	N. L. Dawkins, H. J. Findlay and R. D. Pace

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206	Friday	10:45 - 12:00	Didactic and Web-based Animations for Presentation of the Pathogenesis of High Impact Veterinary Diseases	Derek Mosier, Jessica Green, Kent Nelson, Mal Hoover, Gayle Brown, Kevan Flaming, Jesse Hostetter and Valerie York
223	Friday	10:45 - 12:00	Providing Immediate Feedback for Learners by Utilizing GradeCam	OP McCubbins
229	Friday	10:45 - 12:00	Adding an Economics Component to a Precision Agronomic Management Course: Challenges and Benefits	C. Robert Stark, Jr. and Paul B. Francis
251	Friday	10:45 - 12:00	A Comparison of Knowledge Gained through Multidisciplinary Teaching on Food Security	Lori Unruh Snyder, Morgan Malone and Anthea Saez
265	Friday	10:45 - 12:00	Novel Approaches to Teach Histology to Undergraduates in the Reproductive Sciences	Kyle C. Caires
268	Friday	10:45 - 12:00	"Santorio Santorio, We Hardly Knew You:" Strategies for Improving Carbon Cycle Literacy	Tony Hartshorn, Jamie Cornish, Nick Lux and Irene Grimberg

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Abstract Number	Day of Poster Presentation	Author must be Present	Title	Authors
270	Friday	10:45 - 12:00	The Effect of Supplemental Instruction on Student Performance and Metacognitive Skill Development in a First Year Chemistry Course Sequence	Greg Pillar*, Jennifer Daniels, Beth Stuart, Andy Tucker, Frantisek Majs and Shariva White
275	Friday	10:45 - 12:00	Determining Essential Components of a College-level Bioenergy Curriculum Using the Delphi Technique	Kimi Grzyb*, Brian Hartman and Katherine G. Field