## **2015 NACTA Oral Presentation Schedule**

Day	Session Time	Individual Time	Abstract Number	Title	Authors					
Oral Pres	Oral Presentation Session 1, Wednesday, 1:30 pm to 3:15 pm									
Group 1A -	Online/Di	stance Ed	ucation 1	Session Moderator: Shannon Arnold						
Wednesday	1:30-3:15	1:30	269	GoFarm Hawaii: Developing an Online Curriculum to Train Beginning Farmers Statewide	Charles Kinoshita and Kellie Taguchi					
Wednesday	1:30-3:15	1:45	005	Is Student-to-Student Interaction in Distance Education Classes on the Minds of Our Students? A Comparison of Undergraduates and Graduate Students?	Gary Moore, Jane Bachelor, Wendy Warner and David Jones					
Wednesday	1:30-3:15	2:00	070	Curating Student Ideas Through Pinterest Activities	C. B. Jagger, T. D. Ray, B. S. Scragg and M. S. Whittington					
Wednesday	1:30-3:15	2:15	093	The Impact of a Multi-institution Case Study Course on Entomology Students' Argumentation Skills Telated to Integrated Pest Management Decisions	Catherine W. Shoulders, Robert N. Wiedenmann and John Obrycki					
Wednesday	1:30-3:15	2:30	212	Technology Use in Post Secondary Agricultural Sciences Classrooms: What does the research say about instructor implementation of educational technologies as applied to the Technological Pedagogical Content Knowledge (TPACK) framework?	Marytza Abebe, Trisha Vickrey, Doug Golick and Marilyne Stains					

Wednesday	1:30-3:15	2:45	216	Using Jing™ to Improve Engagement in Online Courses	Shannon Arnold
Group 1B -	Experient	tial Learnir	ng 1	Session Moderator: Ronald B. Pegg	
Wednesday	1:30-3:15	1:30	214	An Experiential Learning Approach in Food Science: Improving Students' Critical Thinking Skills	Ronald B. Pegg
Wednesday	1:30-3:15	1:45	169	Perceptions of Internships in an Agricultural Associate Degree Program	Alyssa Degreenia, Kevin Curry and Wendy Warner
Wednesday	1:30-3:15	2:00	175	Relationship Between Academic Engagement and Student Satisfaction	Donald M. Johnson, Donna L. Graham, Leslie D. Edgar, Catherine W. Shoulders and K. Jill Rucker
Wednesday	1:30-3:15	2:15	178	Creating an On-Campus, Multidisciplinary, Experiential Learning Ecosystem for Student Interns to Solve Product Design and Business Problems for Companies	Daniel S. Tilley and Robert Taylor
Wednesday	1:30-3:15	2:30	224	Experiential Learning through Student Farming at Five Colleges and Universities	Robert L. Williams
Wednesday	1:30-3:15	2:45	238	Realized Student Learning Outcomes in an Experientially-based Management and Marketing Course	Matthew Shultz
Wednesday	1:30-3:15	3:00	279	Effectiveness of an Experiential Agriculture Program with At-risk Hawaiian Teens	Mary Martini, Taryn Kurosawa and Kanayo Sakai
Group 1C -	Experient	tial Learnin	ng 2	Session Moderator: Laura White	
Wednesday	1:30-3:15	1:30	026	Connecting Students and Dairy Producers Through Experiential Learning Activities	Caitlin Foley and Aaron Stepnoski

				Pillion Oveter Preiset Education through	
Wednesday	1:30-3:15	1:45	094	Billion Oyster Project - Education through Ecosystem Restoration	Peter Malinowski
Wednesday	1:30-3:15	2:00	127	Experiential Learning for a Combat Deployment	Cheryl Wachenheim
Wednesday	1:30-3:15	2:15	136	The Use of Current Events to Enhance Student Learning in Aricultural Genetics	Jennifer Minick Bormann
Wednesday	1:30-3:15	2:30	146	Experiential Learning: Taking Knowledge From on our Minds and Putting it into Student's Hands	Kayla M. Wells and Laura M. White
Wednesday	1:30-3:15	2:45	245	Relevant, Real World Learning In Agricultural Markenting and Sales Course: Employing Experiential Learning Theory in Innovative Curriculum Re-design and Delivery	Erica J. Flores
Wednesday	1:30-3:15	3:00	041	Applied Interdisciplinary Product Development for Sophomore Students	M. Condrasky *, B. Halteman*, A. Weeks, D. Darby, J. Sharp, A. Coffee, A. Hurley and F. Kong
Group 1D -	Improving	g Retentio	n 1	Session Moderator: Nick Furhman	
Wednesday	1:30-3:15	1:30	077	Perceived Barriers and Supportive Factors Influencing Hispanic/Latino Students at Texas State University	Juan Garcia, P. Ryan Saucier* and Douglas Morrish
Wednesday	1:30-3:15	1:45	090	Factors Influencing the Communication Skills of College of Agriculture Ambassadors	Deanna Edmonds, Nick Fuhrman, Dennis Duncan and Kris Elliott
Wednesday	1:30-3:15	2:00	107	Relationship Between Graduate Student Status and Quality of Graduate Education	Roshan Kumar Nayak, Rama Radhakrishna and Gary Thompson
Wednesday	1:30-3:15	2:15	109	Predictors of Graduate Program Satisfaction: An Empirical Study	Rama Radhakrishna, Roshan Kumar Nayak and Gary Thompson

				Communication and Subject Preference Among	
Wednesday	1:30-3:15	2:30	163	Freshmen in a College of Agriculture.	Gary Apgar and Mickey Latour
Wednesday	1:30-3:15	2:45	181	More Than a Number: Efficient and Effective Academic Advising	David Jones
Wednesday	1:30-3:15	3:00	207	Cultivating Personal and Professional Development: The Benefits of a Student Designed Agricultural Industry Tour	Josh Stewart, Thomas M. Henderson and Jonathan J. Velez
Group 1E -	Pedagogy	/ 1		Session Moderator: Matt Spindler	
Wednesday	1:30-3:15	1:30	043	Building Student Capacity for Collaborative Problem Solving	Matt Spindler, Curt Friedel and Natalie Cherbaka
Wednesday	1:30-3:15	2:00	142	Recent Graduate and Undergraduate Enrollment Trends in American Soil Science Programs	Eric C. Brevik, Sergio Abit*, David Brown, Holly Dolliver, David Hopkins, David Lindbo, Andrew Manu, Monday Mbila, Sanjai J. Parikh, Darrell Schulze, Joey Shaw, Ray Weil and David Weindorf
Wednesday	1:30-3:15	2:15	066	Impacts of Course Delivery Methodology and Duration for a Hands-On Learning Based Approach to Livestock Handling	Heather Jennings, Christen Jackson, Anna Johnson, Jodi Sterle and Brady McNeil
Wednesday	1:30-3:15	2:30	069	Learning by Doing - Simulations, Games, Experiments and Exercises for Agricultural Economics	Forrest Stegelin
Wednesday	1:30-3:15	2:45	087	Learning Styles of College Instructors Compared with Their Students	C. A. Allen and W. L. Hurley
Wednesday	1:30-3:15	3:00	264	Place-based Research as a Tool to Achieve Science Literacy into the Classroom	Daniela Dutra Elliott

Group 2A -	Group 2A - Flipped Classroom Session Moderator: Nathan W. Conner						
Wednesday	3:45-5:00	3:45	176	Student Perceptions of Flipping an Agricultural Teaching Methods Course	Nathan W. Conner, Hailey Gates, Stacy Tomas, Hannah Dugger, Billye Foster, Dennis Fennewald and Christopher T. Stripling		
Wednesday	3:45-5:00	4:00	220	Flipping an Undergraduate Capstone Course: Student Perceptions of their Experience in a TBL Formatted Course	OP McCubbins, Thomas H. Paulsen and Ryan Anderson		
Wednesday	3:45-5:00	4:15	230	Comparing Traditional and Flipped Approaches to Teaching in an Agriculture Course	Christopher Campbell, Maria Navarro, Rachel Wigington and Alexa DeAntonio		
Wednesday	3:45-5:00	4:30	260	Impact of Learner-Centered Syllabus Design on Comprehension and Retention of Course Information	Michelle Santiago and Matthew Shultz		
Wednesday	3:45-5:00	4:45	185	Student-Centered Active Learning Environment with Upside-down Pedagogies: Student Performance and Course Evaluations in a Flipped Biology Classroom	Kevin Curry Jr, Kimberly Pigford, Miriam Ferzli and Travis Park		
Group 2B -	Internatio	nal Learni	ng 1	Session Moderator: Kirby Barrick			
Wednesday	3:45-5:00	3:45	013	Semiotic Analysis of Agriscience Educators and Agricultural Teacher Candidates' Perceptions of Global Competency Gains During an Immersion Experience	Stacia Creed, Daniel Foster, Melanie Foster, Andrew Thoron and Kirby Barrick		
Wednesday	3:45-5:00	4:00	014	Global Learning in Agriculture: A Multilevel Collaboration for Internationalization of Curriculum.	Daniel Foster, Kirby Barrick, Melanie Foster and Andrew Thoron		
Wednesday	3:45-5:00	4:15	016	Utilizing Inquiry Based Instruction to Cultivate Global 21st Century Skill Sets	Melanie Miller Foster, Daniel Foster, and Nur Husna Abd Wahid		

				Teaching International Extension through	
Wednesday	3:45-5:00	4:30	045	Undergraduate Service Learning	Paul Ebner and Mark Russell
Wednesday	3:45-5:00	4:45	067	International Agricultural Concepts through the Eyes of School-Based Agriculture Students	Nathan W. Conner and Christopher T. Stripling
weathesday	3.43-3.00	4.45	007	Lyes of School-Dased Agriculture Students	Chinstopher 1. Stripling
Group 2C -	Pedagogy	/ 2		Session Moderator: Misty Lambert	
		- <i>i</i> -		Emergency Activity Handbook: An Innovative	Misty D. Lambert and Jonathan J.
Wednesday	3:45-5:00	3:45	089	Resource for Creative Teaching	Velez
Wednesday	3:45-5:00	4:00	098	Be Our Guest: Put Our Students to the Test	Elissa McLerran and Erica Irlbeck
Troundoudy	0.40 0.00	4.00	000		
				Hosting an In-Class "Rural Café": Employing	Frank Robinson, Martin Zuidhof,
Wednesday	3:45-5:00	4:15	099	Agricultural Speed Dating to Build Ag Fluency	Dana Penrice and Scott Townend
Wednesday	3:45-5:00	4:30	100	The Value of a Prerequisite	Cheryl Joy Wachenheim, Paul Fisk
Trouncoudy	0.10 0.00	1.00			
				Teaching on My Mind: A Reflective Lesson	
Wednesday	3:45-5:00	4:45	120	Plan Template	Gaea Hock and Carley Calico
Group 2D -	Pedagog	13		Session Moderator: Daniel D. Foster	
Group 2D -	i euagogy			Session moderator. Damer D. 1 Oster	
				Recruitment and Marketing to Millennials for	Ricky Telg, Andrea Davis and
Wednesday	3:45-5:00	3:45	044	Academic Agricultural Programs	Carly Barnes
				Evaluation of Multiple Sections of a Single	M. J. Anderson*, J.L.
Wednesday	3:45-5:00	4:00	199	Animal Science Course for Consistency of Instruction Quality	Leatherwood, S. F. Kelley, M. M. Beverly and K. J. Stutts
				Epistemological and Pedagogical Beliefs of	
				Award-winning Post-secondary Agriculture	Laura L. Rice* and Daniel D.
Wednesday	3:45-5:00	4:15	202	Faculty at Two Agricultural Universities	Foster

				Have Student Knowledge Levels Changed? A Decade of Pretest and Posttest Comparisons	
Wednesday	3:45-5:00	4:30	227	Across Agricultural Economics Courses in a Small State University Program of Agriculture	C. Robert Stark, Jr. and Paul B. Francis
Wednesday	3:45-5:00	4:45	231	Effectiveness of a Post-exam as a Learning Aid	Lee G. Wood
Group 2E -	Technolo	ду	-	Session Moderator: Lisa Burgoon	
Wednesday	3:45-5:00	3:45	002	Using YouTube to Foster Asynchronous Interaction in an Online Introductory Nutrition Course	M. K. Fialkowski, W. J. Gibson, J. C. Banna, M. Stewart, G. Lin, R. Leon Guerrero and R. Novotny
Wednesday	3:45-5:00	4:00	205	Using Simple Technology to Engage Student Learning in Large Enrollment Courses	Lisa Burgoon
Wednesday	3:45-5:00	4:15	246	Using Aerial Drones to Increase Student Participation in an Agricultural Video Production Course	Wayne Atchley, David Frazier, Sandra Graham and Whit Weems
Wednesday	3:45-5:00	4:30	253	Video Ethnography: An Approach to Collecting, Archiving, and Sharing Data and Results	Billy McKim, Annie Specht and Ashley Yopp
Wednesday	3:45-5:00	4:45	006	Creating High-Quality Videos for Educational Purposes	Ricky Telg and Erica Irlbeck

Group 3A	Group 3A - Pedagogy 4 Session Moderator: Nick Furhman					
Thursday	9:00 - 10:15	9:00	092	Live Animals in the College Classroom: The Difference an Animal Ambassador Makes in Enhancing Student Communication Skills	Nick Fuhrman, Eric Rubenstein and Milton Newberry	
Thursday	9:00 - 10:15	9:15	147	Creating active learning environments which evoke change through development of agvocacy and leadership skills	Don Mulvaney	
Thursday	9:00 - 10:15	9:30	173	Agricultural Media Writing Students' Self- Perceptions of their Writing Abilities	Holli Leggette, Katy Lane, Tobin Redwine and Theresa Pesl Murphrey	
Thursday	9:00 - 10:15	9:45	194	How Faculty Engage in Scholarship of Teaching and Learning	Bryanna Kenno, Daniel Foster and John Ewing	
Thursday	9:00 - 10:15	10:00	225	Describing Students in a Team-Based Learning Context	L. A. Wolfskill*, Bethany D. Whitten, Kyle W. Ferrell, Shyam S. Nair and Foy D. Mills, Jr.	
Group 3B	- Service L	earning 1		Session Moderator: Neil Knoblock		
Thursday	9:00 - 10:15	9:00	054	Engaging Secondary Students with Service- Learning through Special Programming in Agricultural Education	Jonathan Seaman, Laura Rice and John C. Ewing*	
Thursday	9:00 - 10:15	9:15	101	Science Outreach Findings and Best Practices	Ayla Wilk, Matt Spindler and Hannah Scherer	
Thursday	9:00 - 10:15	9:30	116	Case Study Analysis: An Innovative Pedagogical Strategy that Facilitates Student Learning through Engagement in "Real Life" Community Food Systems Work	Susan Clark, Jenny Schwanke, Vivica Kraak, Liza Dobson and Pete Ziegler	

Thursday	9:00 - 10:15	9:45	149	Exploring Institutional Dimensions of PK-12 Engagement of Agriculture Faculty and Staff	Kaylie Scherer, Neil Knobloch and Alee Gunderson
Thursday	9:00 - 10:15	10:00	244	Encouraging Learning and Leadership Through Service Learning Projects	Joy E. Morgan and Elizabeth B. Wilson
Group 3C	- Program	Developm	ent	Session Moderator: Annie Specht	
Thursday	9:00 - 10:15	9:00	007	Evaluation of an Agriculture and Food Studies Certificate Program: Lessons Learned and Strategies for Improvement	Robert N. King
Thursday	9:00 - 10:15	9:15	023	John Muir: Lessons in Sustainability	Thomas J. Dormody
Thursday	9:00 - 10:15	9:30	102	Graduate Extension Scholars Program: Strengthening Cooperative Linkages Between Land-Grant Universities, School-based Agricultural Education, and 4-H Youth Development	Hannah Scherer, Ayla Wilk and Matthew Spindler
Thursday	9:00 - 10:15	9:45	198	SAFE: A Program Development Initiative to Address Sustainable Agriculture and Food Environment Opportunities	Kyle W. Ferrell*, Timothy R. Pannkuk, Mark J. Anderson and Stanley F. Kelley
Thursday	9:00 - 10:15	10:00	249	Making Agriculture Relevant: Categorizing Texas Consumers' Food-Related Knowledge, Attitudes, and Behavior	Billy McKim, Annie Specht, Tegan Walker, David Walther, Megan Homeyer and Mark Guerrero

Group 3D - Curriculum Development				Session Moderator: Karen J. Cannon		
Thursday	9:00 - 10:15	9:00	028	Evaluation of Professional Development Resources for Swine Science Distance Education Instructors	Rebecca Weirs and Greg Miller	
Thursday	9:00 - 10:15	9:15	088	Undergraduate Research Methods Curriculum: An Examination of Student Anxiety and Confidence Towards Research	Martie Gillen	
Thursday	9:00 - 10:15	9:30	133	Translating Classroom Learning to the Real World: An Assessment of Agricultural Communications Capstone Students' Career Readiness as Part of Curricular Renovation Efforts	Karen J. Cannon and Annie R. Specht	
Thursday	9:00 - 10:15	9:45	222	New Program Development On My Mind: Creating an Agricultural Science Program from Scratch	Chris Morgan	
Thursday	9:00 - 10:15	10:00	276	Bringing it All Together: Examining the Role of Capstone Courses in Cross-Disciplinary Academic Programs	Glenn Sterner III,* Susannah Barsom, Theodore Alter, Elyzabeth Engle and Taylor Griffon	
Group 3E	- Recruitme	ent		Session Moderator: David Jones		
Thursday	9:00 - 10:15	9:00	004	A Modern Philosophy of Immersion for Teacher Preparation	M. S. Whittington*, C. M. Filson, C. B. Jagger and T. D. Ray	
Thursday	9:00 - 10:15	9:15	071	Student Motivations to attend Summer Bridge Programs and Impact on Student Intended Major Choice	Courtney Vengrin, Matthew Schroder, Donna Westfall-Rudd and Susan Sumner	

Thursday	9:00 - 10:15	9:30	132	Does the Quantity of Agricultural Mechanics Training Received At The Secondary Level Impact Teacher Perceived Importance of Agricultural Mechanics Skills?	John Rasty, Ryan Anderson and Thomas H. Paulsen
Thursday	9:00 - 10:15	9:45	179	Common Core Kids Go to College	Jennifer Jones and David Jones
Thursday	9:00 - 10:15	10:00	241	Is a Traditional Drawing Exercise for Plant and Seed Identification Still Effective for Millennial Students?	Marshall Hay and Kevin Donnelly
Group 4A	- Internatio	nal Learni	ng 2	Session Moderator: Tobin Redwine	
Thursday	10:45-12:00	10:45	091	Bridging the Gap for On-campus and Distance Students with Innovative Graduate Student Association Activities	Nick Fuhrman, Christopher Campbell, Emilia Dover, Emily Urban and Ariel Waldeck
Thursday	10:45-12:00	11:00	097	Perceptions of School Based Agricultural Education Teachers Attitudes and Beliefs toward Globalizing the Agricultural Curriculum	Nathan W. Conner and Katelyn Butcher
Thursday	10:45-12:00	11:15	118	Short-Term Study Abroad Programs: What is on Undergraduates' Minds?	Amber Lynn Willis*, Wendy J. Warner, Barbara M. Kirby and David W. W. Jones
Thursday	10:45-12:00	11:30	159	Distinct Viewpoints of Change as a Result of Study Abroad	Tobin Redwine, Tracy Rutherford and Gary Wingenbach
Thursday	10:45-12:00	11:45	203	Cross Pollination of Undergraduate Instruction to Promote Global Learning	Melanie Miller Foster, Paige Castellanos and Daniel Foster

Group 4B - Service Learning 2 Session Moderator: Marianne Shockley					
Thursday	10:45-12:00	10:45	105	Supporting Faculty and Staff Engagement with PK-12 Audiences through a Workshop Series	Kaylie Scherer and Neil Knobloch
Thursday	10:45-12:00	11:00	215	The Campus Kitchens Project: Unique Opportunities for Colleges of Agriculture to Engage Students in Meaningful Community Outreach Efforts to Fight Hunger	Tammy Stephenson, Amanda Hege and Sandra Bastin
Thursday	10:45-12:00	11:15	257	Linking Leadership Development to Successful Community Engagement in the Tropics	Lori Unruh Snyder and Kim Lutz
Thursday	10:45-12:00	11:30	277	Service-Learning to promote Edible Insects	Marianne Shockley
Thursday	10:45-12:00	11:45	272	Graduating Seniors' Perception of College and Departmental Services	Murari Suvedi and Ramjee Ghimire
Group 4C	- Effective	Teaching a	and Mento	oring Session Moderator: Wendy W	arner
Thursday	10:45-12:00	10:45	056	Teaching Factors on Their Mind Influencers of Student Ratings and Participation in the Faculty Course Evaluation Process	Jane L. Bachelor
Thursday	10:45-12:00	11:00	057	Amazing Orientation	Kathleen S. Jogan*, and Kelly Vowell Johnson
Thursday	10:45-12:00	11:15	078	Mentorship and Servant Leadership: Perceptions of First-semester Students	Shannon Norris, Shelly Sitton and Marshall Baker
Thursday	10:45-12:00	11:30	211	Developing Robust Mentoring Relationships in a College of Agricultural Sciences Leadership Development Program	Kellie A. Strawn, Aaron J. McKim, Jonathan J. Velez and Misty D. Lambert

				Effective Teaching on My Mindy Llow Do Dear	Mandu L Margan Lov E Margan	
				Effective Teaching on My Mind: How Do Peer Evaluations Contribute to the Assessment of	Wendy J. Warner, Joy E. Morgan, Travis D. Park, Daniel H. Poole	
Thursday	10:45-12:00	11:45	213	Faculty Teaching?	and Charlotte E. Farin	
Group 4D - Effective Learning Session Moderator: Kim Niewolny						
Thursday	10:45-12:00	10:45	059	The Effect of High-Impact Practices on Students' Learning Style: A Quasi-Experiment	Kasee L. Smith and Billy R. McKim	
Thursday	10:45-12:00	11:00	083	Using Media Clips to Enhance Teaching Methods and Student Learning	Martie Gillen	
Thursday	10:45-12:00	11:15	115	Development of a Lean Hog Futures Trading Game to Enhance Student Engagement and Learning	B. D. Whitaker and G. W. Arburn	
Thursday	10:45-12:00	11:30	221	Integrating Team-Based Learning in an Undergraduate Capstone Course: Advice from Larry Michaelsen	OP McCubbins, Thomas H. Paulsen and Ryan Anderson	
Thursday	10:45-12:00	11:45	261	Learning through Story: Using Narrative Inquiry in Graduate-Level Food Security Course	Kim Niewolny, Rebecca Landis, Garland Mason, Philip D'Adamo- Damery, Robert Bass, Dana Hogg, Amanda McGee, Shreya Mitra, Oladayo Omosa, Martin Sebit, Asha Shayo, Emily Sorensen, Elli Travis and Lily Yang	
Group 5A - Critical Thinking Session Moderator: Abigail Borron						
				Litilizing Competing Narretives to Increase		
Friday	1:30 - 2:30	1:30	110	Utilizing Competing Narratives to Increase Critical Thinking Abilities	Kyle A. Gavin and Dustin K. Perry	
Friday	1:30 - 2:30	1:45	117	Enriching Student Engagement Through Critical Reflexive Analysis	Abigail Borron and Amanda Gee	

Friday	1:30 - 2:30	2:00	170	Integrating Polarized Prospectives to Challenge Graduate Student Opinions	Kyle W. Ferrell*, Marcy M. Beverly, Stanley F. Kelley and Cody Wellmann	
				Comparing Senior Agriculture and Non- Agricultural Student Valuation of Communication and Critical Thinking	Donna L. Graham, Donald M. Johnson, Leslie D. Edgar, Catherine W. Shoulders and K. Jill	
Friday	1:30 - 2:30	2:15	228	Experiences Session Moderator: Tom Hammett	Rucker	
Group 3B	- Online/Di	Stance Eur		Session moderator: Tom Hammett		
Friday	1:30 - 2:30	1:30	003	Factors Motivating Students to Respond to Online Course Evaluations in the College of Agricultural and Life Sciences at the [university]	Seth Heiner and T. Grady Roberts	
Friday	1:30 - 2:30	1:45	064	Social Media Activity of Agriculture Extension Graduate Students in India	Kalyan Ghadei, Tom Hammett* and Rick Rudd	
Friday	1:30 - 2:30	2:00	080	Remotely-Guided Study Abroad	Roger Brown and Alex Thor	
Friday	1:30 - 2:30	2:15	050	Do Students Value Learning? Examining Affective Learning Indicators	Kathleen Jogan* and Kelly Vowell Johnson	
Group 5C - Improving Retention 2 Session Moderator: Shelly Sitton						
		1:30	166	WHO FILLS THE SEAT: The Demographics, Perceptions, and Knowledge Base of Students Enrolled in the Introduction to Animal Science	Samantha Lowman, Ashtin Bechtold, Dan Stein, Michelle	
Friday Friday	1:30 - 2:30 1:30 - 2:30	1:45	219	Course at Oklahoma State University Examining the African-American Perception of Agriculture: Views of Students Attending an 1862 Land-Grant Institution	Calvo-Lorenzo and Traci Naile Courtney P. Jordan, Nicholas R. Brown, Shelly Sitton, M. Craig Edwards and Angel Riggs	

				Factors Associated with Pursing Nutrition Careers and Increased Knowledge in Diverse	Archana J. McEligot, Francene Steinberg*, Luica Kaiser, Laura		
Friday	1:30 - 2:30	2:00	243	Students	Chandler and Lyanna Pillazar		
				Factors Affecting the Success in College of	Hugo Moron Chowar and Maria		
Friday	1:30 - 2:30	2:15	191	Factors Affecting the Success in College of Latino International Students	Hugo Moran Chavez and Maria Navarro		
Group 5D	Group 5D - Pedagogy 5 Session Moderator: Amin Ahmadzadeh						
					Michael Watson, Dwayne Pavelock, Doug Ullrich, Robert		
Friday	1:30 - 2:30	1:30	124	Cognitive Learning: Hands-On vs. Theoretical	Maninger and Joe Muller		
Friday	1:30 - 2:30	1:45	152	Learning Gains and Teaching Strategies for a 21st Century Education in Animal Sciences: Result of a National Survey	M. A. Wattiaux, S. D. Ranathunga and P. Crump		
Friday	1:30 - 2:30	2:00	167	Student Delivery and Discovery Skills and Performance in Animal Science Courses	Amin Ahmadzadeh, Jeremy Falk, Douglas Masser and Matt Doumit		
Friday	1:30 - 2:30	2:15	172	Cognitive Tasks Required in Undergraduate Courses: A Comparison of Agriculture and Non- Agriculture Students	Donald M. Johnson, Leslie D. Edgar, Catherine W. Shoulders, Donna L. Graham and K. Jill Rucker		
Group 5E	- Application	on	Γ	Session Moderator: Ann Marie VanDerZanden			
Friday	1:30 - 2:30	1:30	010	Promoting Novel-Shaped Agricultural Products: An Application of the Mental Models Approach in Developing Message Design Skills	Lulu Rodriguez, Suman Lee and Sela Sar		
Friday	1:30 - 2:30	1:45	031	Utilizing a Hydroponic Food Production Course to Increase Student Awareness and Understanding of Food Security	Christopher J. Currey and Ann Marie VanDerZanden		
Friday	1:30 - 2:30	2:00	040	Objectives-driven Soil Science Refresher Course	Sergio Abit		

				0	Caroline B. Lewallen, Theresa
				Teachers' Perspectives of an On-farm	Pesl Murphrey and Holli R.
Friday	1:30 - 2:30	2:15	084	Experience	Leggette