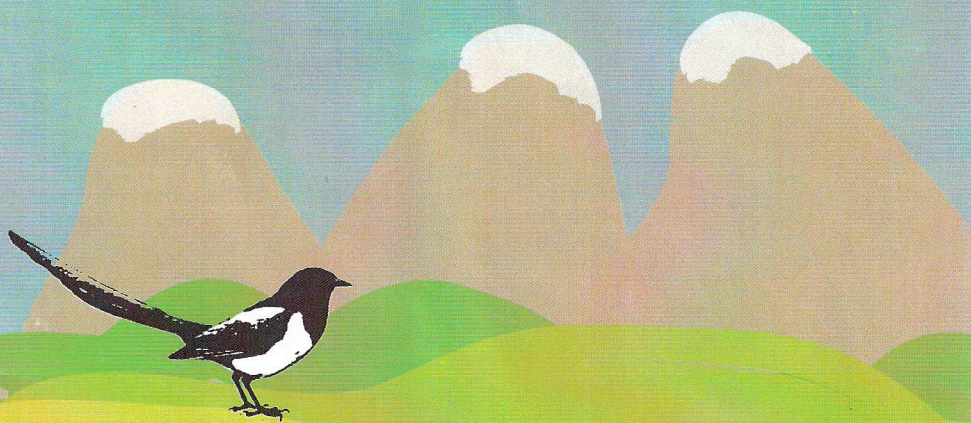
 **UNIVERSITY OF ALBERTA**
FACULTY OF AGRICULTURAL,
LIFE & ENVIRONMENTAL SCIENCE

NACTA 2011

UNIVERSITY OF ALBERTA
EDMONTON, AB, CANADA
JUNE 14TH TO 17TH

CONFERENCE PROGRAM



GET ENGAGED...



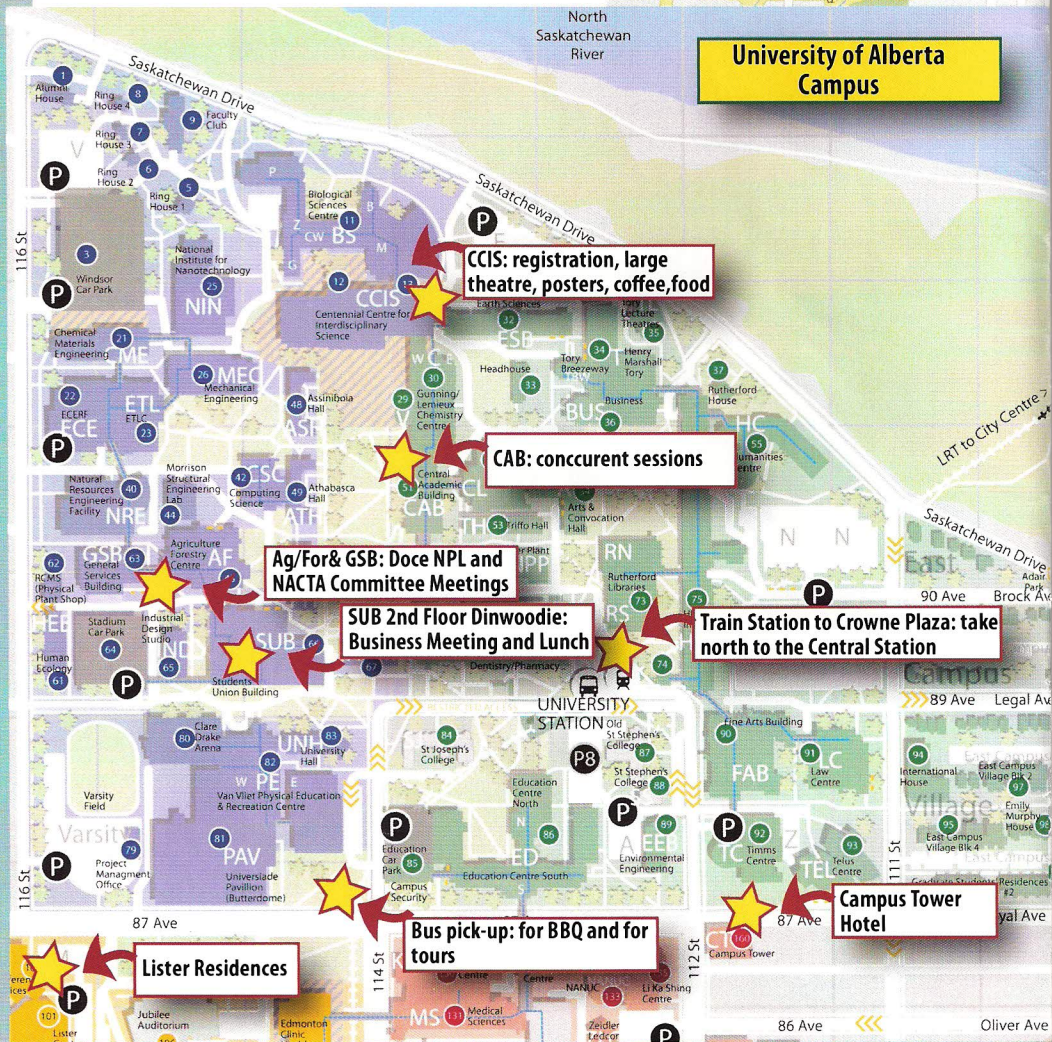
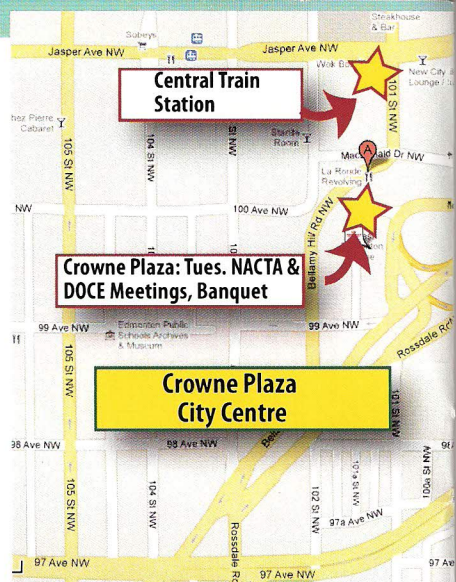
NACTA
north american colleges and teachers of agriculture
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MAPS

A Campus Map is provided in your conference bag however here are the main locations.

Travel in between U of A Campus and the Crowne Plaza is possible by vehicle or bytrain (LRT). Pick-up your pre-ordered train passes at the Registration Desk. Forgot to pre-order? Extras may be available or tickets can be purchased at the stations.

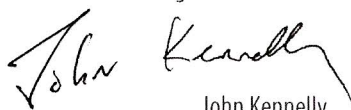
CHECK OUT THE UALBERTA APP FOR MAPS AND MORE!!!



Welcome to the University of Alberta!

On behalf of the Faculty of Agricultural, Life and Environmental Sciences at the University of Alberta, I would like to welcome you to our beautiful campus. I know you will enjoy the campus, and our stunning Devonian Botanic Garden. Our faculty offers a wide array of programs at the undergraduate and graduate level, spanning agricultural, food sciences and nutrition, human ecology, resource economics and environmental sociology, and forest science and management. We are committed to and proud of our innovations in the integration of research and learning. Our vision is to provide solutions to key global challenges through science, policy and practice.

We are pleased to host the NACTA 2011 conference here in Alberta. We hope that you will truly "get engaged in Alberta"! I know that the sharing of ideas and experiences will be inspiring. Congratulations to those who will be receiving awards for outstanding efforts and accomplishments in teaching and learning. We hope that this conference will stimulate excitement, creativity and excellence in agriculture and food education all across North America.



John Kennelly
Dean
Faculty of ALES
University of Alberta

The Conference Planning Committee would like to thank the following for their sponsorship and support:



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DOCE*

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The Enjoy Centre

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The Ukrainian Cultural Village

Elk Island National Park

Edmonton Queen

The Royal Alberta Museum

Don't forget to hand in your poster or presentation to the registration desk!

Poster Session A posters must be submitted by 9:00 pm on Tuesday

Poster Session B posters must be submitted by noon on Wednesday

Poster Session C posters must be submitted by 4:30 pm on Wednesday

Oral presentations must be submitted no later than 3 hours before the start of the session to the registration desk.

TUESDAY JUNE 14TH

12:30 pm to 8:30 pm Registration Desk Open

Crowne Plaza Hotel - Promenade

1:00 pm to 2:00 pm Foundation Advisory Committee Meeting

Crowne Plaza Hotel - Salon C

2:00 pm to 5:00 pm NACTA Executive Meeting

Crowne Plaza Hotel - Salon C

2:00 pm to 5:00 pm DOCE Project Directors Meeting

Crowne Plaza Hotel - Salon B

6:30 pm to 9:00 pm Welcome Reception

Crowne Plaza Hotel - Salon A

WEDNESDAY JUNE 15TH

7:30 am to 4:30 pm Registration Desk Open

U of A Campus - CCIS Foyer

8:15 am to 8:30 am Welcome and Opening

U of A Campus - CCIS Room 1-430

8:30 am to 9:30 am Keynote Address Dr. Frank Robinson

- There's a Heifer in Your Tank

U of A Campus - CCIS Room 1-430

There's a Heifer in Your Tank is often described as "science answers questions you never knew you had about animal agriculture". In Dr. Robinson's Animal Science 200 class, students answer quirky questions about animal agriculture - questions like "Does chocolate milk really come from brown cows?" "If people get chicken pox, do chickens get people pox?" "Why don't we milk pigs?" The goal of the program is to empower students to educate others about agricultural issues and to help consumers appreciate where their food comes from.



9:30 am to 11:00 am Poster Session

U of A Campus - CCIS Foyer

11:00 am to 12:00 pm Concurrent Sessions A **WEDNESDAY JUNE 15TH CONT'D**

1. Assessment and Performance -

Student Achievement, Engagement & Competencies

CAB Room 243

Encouraging BASIK Student Outcomes through Engagement in First-Year Experience Programming

K. Ellis (0183)

Leadership Motivational Factors of Students in Agricultural Collegiate Organizations

M.D. Scanga (0189)

What Do Students Say about their First Year Experience?: Using Tinto's Interactionist Model of Student Departure to Qualitatively Assess Undergraduate First Year Experiences *K. Ellis (0184)*

Engaging Students in Program Evaluation through the Use of Wikis

T.W. Broyleys, L.S. Hightower, R.J. Rateau (0153)

2. Teaching – Student Strategies

Teacher Immediacy as an Indicator for Teaching in Colleges of Agriculture

N.W. Conner, C.M. Estep, T.G. Roberts (0021)

CAB Room 265

Strategies for Engaging Students in Active Learning: Reflections from Two Classes

R. Radhakrishna, J. Ewing, N. Chikthimmah (0031)

Attracting an Eclectic Set of Students into a Science-based Agriculture Course Using Terrorism as the Context

N.S. Hill, D.G. Shilling, J.A. Bertrand (0071)

Honors in Agriculture: A Win-Win for Student / Faculty Engagement

T.J. Nichols (0079)

3. Experiential – Field Experience / Research

Capstone Semester Incorporating On-Campus Instruction and a Field Based Practicum

D. Drucekhammer, S. Graham (0003)

CAB Room 269

The Power of Experiential Learning and Mentoring to Increase Underserved Minority Undergraduate

Students into Graduate School *S.D. Nelson, K. McCuiston, R. Stanko, E. Louzada (0015)*

Engaging Undergraduates and High School Students as Citizen Scientists: A Collaborative Method for Improving

Forestry Data Collection Accuracy *M.G. Newberry, III, N.E. Fuhrman, A.C. Morgan, J.A. Peterson, C.A. Copenheaver (0048)*

Advancing Agricultural Research through Student Experiential Learning on Advanced Functional Genomics Technologies

L. Guan, U. Basu (0051)

4. Assessment and Performance –

Course Development / Course Evaluation

CAB Room 273

Engaging Students through Technology Integration - A Qualitative Case Study

T. Drape, D. Moore, R. Rudd, S. Doak, J. Guthrie, P. Mykerezi (0076)

Factors Affecting the Adoption of Social Media into College of Agriculture Development Offices

Q. Settle, J. Goodwin, R. Telg, T. Irani, C. Emerson (0083)

The Louisiana Tech University Rural Development Certification Program: Progress and Outcomes

A.K. Lusby (0088)

Crisis Communication Needs Assessment: A Delphi Study to Enhance Instruction for Agricultural

Communicators and Other Stakeholders *A. McGuire, L.D. Edgar, D. Edgar, T. Rutherford, D. Doerfert, T. Murphrey (0099)*

WEDNESDAY JUNE 15TH CONT'D

5. Teaching – Technology

CAB Room 281

The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens

P. Siciliano, M.A. Jenks, M.N. Dana, B.A. Talbert (0005)

Student Technology Acceptance: Implications for Teaching in Colleges of Agriculture

T.P. Murphrey, A. Sudduth, T. Rutherford, H. Leggette, D. Doerfert, L. Edgar, D. Edgar (0019)

Promoting Student Engagement Using Interactive Whiteboards

T. Buttles (0173)

BioSUCCEED: An Instructional Platform for Biomass & Bioenergy

L.A. Lucia, M.A. Hubbe, S.S. Kelley, R.A. Venditti, H. Jameel, I. Filpponen, X. Cao, K.A. Schimmel, T.G. Rials (0187)

12:00 pm to 1:45 pm Lunch and Pecha Kucha Presentations

“Teaching Tales, Learning Loes and Academic Anecdotes”

U of A Campus - CCIS Foyer and Room 1-430

2:00 pm to 3:00 pm Concurrent Sessions B

1. Assessment and Performance -
Student Achievement, Engagement & Competencies

CAB Room 243

Maximizing Your Fulbright Teaching Experience: Challenges and Opportunities

R. Radhakrishna (0029)

The Use of Reflective Journaling to Assess and Improve a Summer Workshop for Teachers

Q. Settle, T. Irani (0092)

Influence of Human Resource Practices on Extension Employees' Intention to Quit

M. Martin, E. Kaufman (0177)

Identifying Faculty's Knowledge of Critical Thinking Concepts and Perceptions of Critical Thinking Instruction in Higher Education

N.L.M. Stedman, B.L. Adams (0179)

2. Teaching – Student Strategies

CAB Room 265

Encouraging Students to Use their Multiple Intelligences to Enhance Learning: The Box Project

C.A. Allen, W.L. Hurley (0113)

Is All Science Presented Equal? Uncovering Student Engagement in Scientific Discourse

N.J. Blaster, M. Nocco (0146)

Student Initiated Engagement

B.S. Walters, C. Ganz (0169)

3. Experiential - Field Experience / Research

CAB Room 269

Helping and Receiving: Service Recipients' Perceptions of Service-Learning Participants

L. Palmer, J. Goetz, S. Chatterjee, J. Koonce, L.N. Johnson (0087)

Building a Healthy Community through Experiential Learning

D. Diller, M. Martinez, S. Gordon (0093)

Community-Service Learning about local food systems in Edmonton

B.M. Swallow (0117)

Assessing Learning Outcomes in an Engagement Setting: Introducing Students to International Extension through Service Learning

P. Ebner, I. Hutu, M. Russell (0162)

4. Experiential - Industry & Ethics

CAB Room 273

Avoiding and Overcoming Challenges Associated with Industry Participation in the Classroom

C. Wachenheim (0132)

Incivility in the Classroom

D.L. Graham, D. Wolf, M. Savin (0094)

NACTA members' perceptions of ethics education in agriculture and life sciences

T.L. Naile, A.D. Charanza, J. Williams (0136)

Engaging agribusinesses and the agricultural community in a new undergraduate agronomy program

G. Armah-Agyeman (0171)

5. Experiential - Field Experience / Research

CAB Room 281

The Richmond Farm School: An extension education program to prepare 21st century urban and peri-urban agriculturists

K. Mullinix, A. Fallick, A. Rallings (0131)

Engaging Students by Building a Raised Bed Garden

M. Nicodemus, F. Mhlanga (0170)

Educating through field-based research and career development to increase retention of students pursuing college degrees in agriculture

J.K. Bush (0190)

3:00 pm to 4:30 pm Poster Session B

U of A Campus - CCIS Foyer

4:45 pm to 6:00 pm Buses leave every 10 min. for BBQ

U of A Campus - 87Ave. & 114 St by Butterdome

6:30 pm to 9:00 pm Barbecue

Devonian Botanic Gardens

7:30 pm to 9:00 pm Buses returning every 15 min. from BBQ

THURSDAY JUNE 16TH

7:00 am to 8:00 am "Get Engaged with NACTA" Breakfast

CCIS Foyer

8:15 am to 8:45 am NACTA Presidential Address

U of A Campus - CCIS Room 1-430

8:45 am to 9:30 am Blue Ribbon Address

Dr. Gary Moore, NCSU

U of A Campus - CCIS Room 1-430

Dr. Gary Moore - Searching for the Wizard of Oz in the College Classroom

We are not in Kansas anymore, we need a brain, we need a heart, we need courage and there is no Wizard of Oz. We individually can be the Wizard of Oz, at least in our classrooms, we hold our own teaching destiny in our hands. Dr. Gary Moore is a tenured Full Professor of Agriculture and Extension Education at North Carolina State University. He serves as Director of Graduate Programs and teaches courses that focus on the history and philosophy of agricultural and extension education and the use of instructional technology in agricultural and extension education.



9:30 am to 11:00 am Poster Session C

U of A Campus - CCIS Foyer

11:00 am to 12:00 pm Concurrent Sessions C

I. Assessment and Performance -
Student Achievement, Engagement & Competencies

CAB Room 239

Student Achievement in an Equine Animal Science Class: The 'Distracter Factor' in Experiential Learning-Based L
N.E. Fuhrman, B. Adams, K. Turner, D.W. Duncan (0047)

What influences student learning, motivation, and engagement? An exploratory study using the APA learner-centered psychological principles *C. Epler, T. Drape, R. Rudd (0065)*

Humanistic studies in engineering education: Improving the competencies of agricultural engineers
K.P. Singer, T.L. Foutz, M. Navarro, S. Thompson (0075)

College of Agriculture Undergraduates' Perceptions of Factors Contributing to Student Content Engagement
C.M. Estep, T.G. Roberts (0089)

THURSDAY JUNE 16TH CONT'D

2. Teaching – Student Strategies

CAB Room 243

Classroom Attendance as a Precursor for Student Engagement

T.G. Roberts, C.T. Stripling, R.E. Turner (0014)

Teaching Beliefs of Excellent Undergraduate Professors

A. Giorgi, T. Grady Roberts (0121)

Assessing Critical Thinking Skills of Undergraduate Pre-service Teachers: Implications for Curriculum Development

M. Pollard, D. Duncan, N. Fuhrman, J. Ricketts (0152)

Scholarly Assessment of Teaching Methods

C. Wachenheim (0157)

3. Experiential Teaching

CAB Room 265

Teaching through Experiential Learning: The Southern Illinois experience

E.G. de Mejia (0116)

Assessment of Student Engagement in a Collaborative Learning Experience

D. Lust, K. Williams, L. Kieth (0160)

Using team projects to enhance student engagement and learning

B. Whitaker (0166)

Using a Real World Case Study to Develop Experiential Learning Opportunities

K.J. Bacon (0174)

4. Assessment and Performance – Course Development / Course Evaluation

CAB Room 269

Sustainable Food & Bioenergy Systems at Montana State University: Development and Evaluation of an Interdisciplinary Introductory Course

A. Harmon, K. Malone, W. Dyer, C. Perillo, M. Stein, B. Maxwell (0027)

Development of the Sustainable Agriculture Paradigm Scale

P.E. Grace, E.K. Kaufman (0049)

A Model for Evaluating Program Curriculum: Using Graduate Feedback

A.C. Morgan (0056)

5. Experiential – Technology

CAB Room 273

Online Group Projects: Student Perceptions and Faculty Methods of Support

K.C. Williams, B.A. Cameron, K. Morgan (0013)

Student Blog Assignments: How They Get Engaged

E.K. Kaufman (0119)

Engaging Veterinary Medical Student's Food Animal Education with iPod Applications, Podcasting and Problem Based Learning

A. Rashmir-Raven, R. Malinowski, F. (Bimbo) Welker, R. Linford,

M. Kopcha, J. Patterson, A. Currey, K. Ames, L. Midla, M. Raven (0143)

Soil Online: Offering Soil Science Courses and Experiential Learning to Students and USDA Employees

H. Smith, V. Zordan (0147)

12:00 pm to 1:45 pm Lunch and NACTA Business Meeting

U of A Campus - SUB 2nd Floor Dinwoodie Lounge

THURSDAY JUNE 16TH CONT'D

2:00 pm to 3:15 pm NACTA Education Workshops

Educational Workshop will be led by a facilitator who will present some ideas to stimulate discussion. These sessions are opportunities to engage in active dialogue and share ideas and resources.

1. Engaging the students' international citizenship CAB Room 265
Sharing syllabi ideas for students in international-based courses
2. Student self-assessment CAB Room 269
How do students know if they have good communication skills as well as other skills at the end of their degree program? Come share your ideas!
3. Student engagement in community CAB Room 273
Internships and other experiences before graduation
4. Doing the scholarship of teaching and learning (SoTL) in formal and non-formal situations CAB Room 281
Examples of extension, co-curricular activities and more
5. Developing your teaching portfolio CAB Room 357
Tips on how to create an engaging teaching portfolio
6. Transitions CAB Room 365
Moving from graduate student to professor

3:15 Ice Cream Bar and Coffee Break - CAB

3:30 pm to 5:00 pm Concurrent Session D

1. Assessment and Performance - CAB Room 265
Student Achievement, Engagement & Competencies
Engaging Freshman Students to Enhance Student Retention
R. Hanson (0107)

Engaging Students via MAP-Works®: An Investment in the Future
C.R. Youngs, D. Whalen, G. Arthur, M.J. Gonzales (0127)

Is performance in a veterinary nutrition course influenced by previous undergraduate experience? A preliminary analysis
L. Doepel, K. Hecker (0156)
2. Teaching - Teaching Methods CAB Room 269
Thinking Outside the Slide: Introducing Prezi Into the Classroom
Q. Settle, K.M. Abrams, L.M. Baker (0073)

Fostering change through storytelling
P.E. Grace, E.K. Kaufman (0118)

A Partnering Approach with Posters
M. McKnight, K. Tippe (0167)

Finanzas para Chavos, a game-based approach to teaching economics to Mexican youth
A. Wolfskill, B. Quintanilla (0186)

THURSDAY JUNE 16TH CONT'D

CAB Room 273

3. Experiential – Field Experience / Research

An Interdisciplinary Field Methods Course on Suburban Detention Pond Water Quality

C.G. Flint, M. David (0057)

Mentoring Underrepresented Students through Agricultural Related Research Projects

J. Pendergraft, A. Rodríguez, D. Smith (0064)

Evidence that application lessons encourage engagement and learning

C. Speth, D. Lee (0081)

Building Bridges across Riverside through Water Quality Research: A Successful Model for Student Research, Mentoring, and Transfer *H. Smith, S. Walker (0123)*

CAB Room 281

4. Experiential & Teaching – Study Abroad

Strengthening the International Capacity of University of Maryland Eastern Shore Students and Faculty: A Belize Field Experience *S. Tubene, L. Marsh (0120)*

An Integrated Approach to Curriculum Development in Global Agriculture: Helping Students Understand and Experience US -- Mexico Interdependencies *M.A. Wattiaux, P. Crump, M. Wiltbank (0122)*

Agricultural International Experiences: Borderless Classrooms

L.E. Westrom, H.A. Maiga, T.A. Bradford, C.R. Lariviere (0163)

International Service-Learning Engagement Relies on Partnering Structures

P. Ebner, M. Russell, and S. Clark (0109)

Exploring International Cuisine and Agriculture through a Short Term Study Abroad Experiential Learning Opportunity *D. Goorahoo, K. Tenbergen, S. Seepersad (0176)*

5. Assessment and Performance – Course Development / Course Evaluation

CAB Room 357

Does problem-solving style gap induce bias in authentic assessment?

C.R. Friedel, E.K. Kaufman, T.W. Broyles (0103)

Authentic Data in the Environmental Science Classroom (grades 9-16) - A Model and Evaluation

D.N. Raizen, M. Mitra, A. Nagchaudhuri (0128)

Chosen Careers of Agricultural Student Teachers: A Study of Retention and Program Evaluation

D. Pavelock, D. Ullrich (0130)

Implications of A Corporate Performance Measurement Tool For Educational Programs

C.W. Mosley, T.W. Broyles (0150)

6:30 pm to 9:00 pm Gala Awards Banquet

Crowne Plaza Hotel - Salon A

FRIDAY JUNE 17TH

8:30 am to 9:30 am DOCE NPL Meetings

U of A Campus - Ag/For Building

1. Higher Education Challenge Grants Program - *Ag/For Room 2-17*

2. Hispanic-Serving Institutions Education Grants Program - *Ag/For Room 3-18I*

3. Alaska Native-Serving and Hawaiiin-Serving Institutions Educations Grants Program - *Ag/For Room 3-10R*

W: M: 0:00

FRIDAY JUNE 17TH CONT'D

9:30 am to 10:30 am NACTA Committee Meetings

U of A Campus - General Services Building and Ag/For Building

1. Journal Committee- *GSB Room 5-50*
2. Journal Award Committee- *GSB Room 8-12*
3. Membership and Public Relations Committee - *GSB Room 7-60*
4. Educational Issues and Teaching Improvement Committee - *Ag/For Room 3-18J*
5. Teacher Recognition Committee - *Ag/For Room 2-17*
6. International Committee- *Ag/For Room 3-10R*

11:00 am to 5:30 pm NACTA Tours

Picnic Lunch Included

Departure from

U of A Campus - 87Ave. & 114 St by Butterdome

POSTERS

Poster Session A - Teaching (Wednesday 9:30am to 11:00am)

1. The Effectiveness of the Online Scaffolding
S. Li, D. Price (0001)
2. Peer teaching as a means to engage students and improve learning in a capstone course
T.H. Paulsen (0004)
3. Providing maximum student opportunities at minimum institutional cost through the development of a multi-institution, web-based, graduate certificate in BioEnergy Sustainable Technology
M. Rezac, D. Humburg, J. Carrier, D. Bellmer, D. Anderson (0006)
4. Development of Online Teaching Tools for Plant Identification
K.R. Campbell, S.B. Wilson (0018)
5. The Contribution of Selected Instructional Methods toward Graduate Student Understanding of Crisis Communication
C. Witt, D. Doerfert, T. Rutherford, T. Murphrey, L. Edgar (0026)
6. Teaching Locally, Engaging Globally
J. Kochert, G. Roberts, A. Harder, K. Dooley, M. Navarro (0028)
7. Using Extension Program Development Approach to Address Climate Change Issues
R. Radhakrishna, J. Ewing, N. Chikthimmah (0030)
8. Integration of Interdisciplinary Techniques: Agricultural Biotechnology in Plants
G.M. Rojas-Vazquez (0032)
9. Engaging Learners and Educators to Produce a Skilled Workforce and Strengthen Food Security in Hawaii
C. Kinoshita, O. Steele, P. Sheffler, K. Gopalkrishnan, G. Witterman, G. Hontz, R. Takahashi, P. Millen, A. Emmesley, W. Sakai, M. Sakai, S. Shehata, I. White, S. Chiang (0036)
10. Student Perceptions of an Online Collaborative Landscape Design Project Using Google's 3D Warehouse
M.R. Mohny, M.R. McGann, D.T. Stearns (0037)
11. Agricultural Faculty Capacity to Teach Cultural Competence and Multicultural Teambuilding: Opportunities for Research
M.E. Burbach, G.S. Matkin, S.L. Moncure (0038)
12. Social tasks and student roles and responsibilities in online group projects: Differences between faculty and student perceptions. *C. Wade, B. Cameron, K. Williams, K. Morgan (0039)*
13. A Model for Strengthening Inquiry-based and Experiential Teaching Approaches for Agriscience Educators
T. Dormody, P. Skelton, J. Madrid (0041)
14. Using VIEW™ to Enhance and Assess Students' Creativity in Solving Group Problems in International Engaged Research and Service Courses *L. Snyder, J. Patterson, D. Koch, S. Perera, G. Posada, P. Ebner, M. Russell (0052)*
15. Mapping Progress of the Civic Agriculture and Food System Minor at Virginia Tech
S.F. Clark, K. Niewolny, S. Hodges (0058)
16. Multidisciplinary teaching approaches to food science maintain student attitudes and improve efficacy
N. Harris, S. McLeod, V. Carraway-Stage, M.W. Duffrin (0061)
17. Engaging Urban K-12 Agriculture-Science Education by Training the Trainers
S. Alvarez-Ventura, M. Bhat, K. Jayachandran (0063)

18. Student Experiential Learning: A Practical Approach to Traditional Teaching
S.L. McWhinney (0084)
19. Course Expo: Poverty in the Movies
M. Navarro (0086)
20. Teaching Turfgrass Identification Using Online Versus Traditional Instruction
S.J. Keeley, K.W. Peterson (0091)
21. The Role of Co-curricular Education in Enhancing an Agricultural Science Program in an Urban University
T.I. Velez, M.G. Bhat, K. Jayachandran (0101)
22. Pre-Service Needs of Student Teachers Regarding Supervised Agricultural Experience (SAE) Programs
R. Hanagriff, J. Rayfield, L. Kieth, D. Pavelock, D. Ullrich (0102)
23. Can agriculture faculty teach writing?
H.R. Leggette, D. Dunsford (0105)
24. Perceived Challenges of Teaching a Blended Online Course: Observations from Faculty and Teaching Assistants
K. Moore, L. Fisher (0112)
25. An Interdisciplinary Approach to Engaging Students in Active Citizenship and Community Service by Investigating Issues in Food and Agriculture
G.D. Pillar, J. Braswell, M.S. Harper (0114)
26. Educational Resource Use and information Delivery Methods Preferred by Virginia Cooperative Extension Agents
C.A. Shea Parr, T.W. Broyles, R.S. Pleasant, C.E. Smith, R.M. Brooks, R.K. Splan (0126)
27. Tuskegee University's Undergraduate Program in Public Health Nutrition: Peer and Professional Mentoring to Enhance Student Learning Outcomes
R.D. Pace, N.L. Dawkins, J. Shikany, G. Perry, J. Ford Wilson (0158)
28. Teacher Performance Assessment: What Faculty and Students Learned from a Pilot Study?
L.E. Westrom (0165)
29. Enhancing the Ability of Faculty to Succeed in their Efforts to Teach at a Distance
A.C. Morgan, M.S. Pollard, J. Rucker, D.L. King, J.B. Peake, N.E. Fuhrman, F. Flanders, D.W. Duncan, J. Sylvia, J.A. Bertrand, M. Navarro (0168)
30. A Model to Incorporate Sustainability Topics into the Engineering Curricula
H. Taboada, J. Espiritu, C. Gomez, N. Vargas (0182)
31. Engaging Communities through Distance Education
E. Meyer (0194)
32. Phylogeny of Nebraska Algae
C. Bailey (0204)

Poster Session B - Experiential (Wednesday 3:00pm to 4:30 pm)

1. Engaging Plant Biotechnology Students in Their Learning through Undergraduate Research and Extra Curricular Activities
A. Kimball, I. White (0002)
2. Engaging students in entrepreneurship behavior: The mushroom experience
K. Zarafshani (0007)
3. A Living Laboratory: The Purdue Arboretum-- Enhancing the Educational, Research, and Outreach Mission of the University
P.C. Siciliano, M.A. Jenks, P. Caldwell (0008)
4. Increasing Multicultural Diversity in USDA Jobs: Education and Partnerships
N.R. Garza, D.G. Morrish (0009)
5. Estudiante Dietitico: Update on Participants and Mentoring Program
L.A. Kessler, S. Wallace, B. Burns-Whitmore, A. Gordon (0011)
6. Strategies to Recruit Latinos to the Dietetics Profession
C. Heiss, S. Henley, P. Daniluk, C. Fajardo-Lira, S. Plunkett, M. Bizeau, C. Dormer-Gillette, B. Rengers (0012)
7. Building International Understanding through a Capstone Experience
C. Emerson, T.G. Roberts, R.K. Barrick, N. Coers (0016)
8. The Cornell Raptor Program -- an approach to educating tomorrow's raptor conservationists
J.E. Parks, B.E. Parks (0017)
9. Engaging Future Plant Scientists through a Summer Academy
S. Lancaster (0020)
10. Cultivating global leaders in agriculture: A successful effort to engage agriculture students through international learning experiences
L. Lombardini, G.J. Wingenbach (0022)
11. Engaging stakeholders in wildlife curriculum development: A case study
J. Brant, J.C. Ewing, R. Radhakrishna (0023)
12. A comparative analysis of experiential learning models: Implications for teachers
R. Bechtel, J.C. Ewing, R. Radhakrishna (0024)

Poster Session B - Experiential cont'd

13. Evaluating an Experiential Learning Agriscience Field Day
P. Skelton, T. Dormody, J. Madrid, P. Dappen (0040)
14. C4 – Corrugated Cuboidal Collaborative Creation (The Box Project)
C.A. Allen, W.L. Hurley (0042)
15. Career Opportunities and Explorations in Natural and Agricultural Sciences
K. Leuschner, K. Fleming, C. Barrows, J. Jaramillo (0046)
16. Engaging Departments to Create Opportunities for Experiential Learning, Community Service, and Sustainable Agriculture: A Case Study from Virginia Tech
J.W. Guthrie, P. Mykerezzi, S. Doak, T. Martin, R. Kohl, K. Thurlow, C. Gabbard (0050)
17. Service-Learning as a Strategy to Transition from Classroom to Workplace
N. Harris, V. Carraway-Stage, M. Duffrin (0059)
18. Local agriculture engages students in classroom-industry partnership
N. Harris, S. McLeod, V. Carraway-Stage, M. Wheeler, S. Sullivan, W. Forsythe, M.W. Duffrin (0062)
19. Science Summer Camp in molecular biology for Hispanic High School Students of South Texas
E.S. Louzada, H.S. del Rio, J. Mata, A.C. Garcia, O. Vazquez, C.C. Parra, C. De la Garza (0067)
20. Authentic Soil Bacterial Genomics Research in High School Biotechnology Classrooms
M. Logvin, C. Remenih (0068)
21. Enhancing Educational Quality and International Competitiveness: Recruiting Traditionally Underrepresented Students into Global Agriculture through Experiential Learning
M.O. Smith, D.E. Smith, K.R. Robbins, N.S. Eash, F.R. Walker (0069)
22. Using videos of recent college graduates to recruit new students
J. Bertrand, B. Nelson, M. Bowie, E. Pitts, S. Schupska (0074)
23. Global Horticulture – Engaging Undergraduate Students through International Experiential Learning
J.B. Masiunas, D. Anderson, M. Blumthal (0085)
24. Integrating research into capstone course and student learning of a new undergraduate agronomy program
G. Armah-Agyeman (0090)
25. Enhancing Career Awareness and Develop Through Experiential Learning
D.L. Smith (0095)
26. High School Teacher Training in Food Science: Hands-On, Experiential Training and a Bloom's Taxonomy Evaluation on Learning
N. Chikthimma, C. Barnhart, R. Radhakrishna, J. Ewing (0096)
27. Experiential learning project address contemporary issues related to energy, environment, and sustainable agriculture
A. Nagchoudhuri, M. Mitra, L. Marsh, J. Schwarz, C. Daughtry (0098)
28. Broadening student food perspectives using variety meats and other non-customary agricultural products
M. Amstutz, K. Wimbush (0100)
29. Engaging Students through International Experiences to Expand Diverse Perspectives
L. Hightower, A. Bell, K. Griffin, Yu-Ming Shen, J. Hamm, M. A. Marchant, T. Mack, E. Smith, E. Vance, B. Richardson (0115)
30. Introduction of freshman and sophomore undergraduate agriculture students to animal husbandry and animal behavior via working one-on-one with a recently weaned beef cattle heifer
K.W. Lovercamp (0145)
31. From Classroom to Reality: Global Leadership Engagement in Guatemala and Costa Rica
M. Luckett, C. Shane, L. Lombardini, G. Wingenbach (0151)
32. Engaged in the Horticulture Profession
H.T. Kraus (0178)
33. Building Expertise on Energy Sustainability (BEES) Model
J.F. Espiritu, H.A. Taboada, V. Gonzalez (0181)

Poster Session C - Assessment and Performance (Thursday 9:30 am to 11:00 am)

1. Student Ratings of Field Data Collection Methods in a Construction Surveying Course
M.R. Mohny, M.R. McGann, D.T. Stearns (0025)
2. Evaluation of Project La Cena (Central Texas Education for Nutrition Advancement)
S. Kazen, S. Lozano Burns (0033)
3. Engaging in Program Review: The Agricultural Degree Program Challenge
C.T. Stripling, T.G. Roberts (0034)
4. Analysis of Pre- and Post-Assessment Items in a Graduate-Level Risk & Crisis Communication Course
C. Witt, D. Doerfert, T. Rutherford, T. Murphrey, L. Edgar (0043)
5. Engagement results in experiential learning courses at Virginia Tech
S.O. Doak, N. McKenna, E. Pulliman, M. Goatley, E. Ervin (0045)

6. A Model for Retention and Transfer of Underrepresented Community College Students in FANRRS Majors: A Pipeline Approach *C. Arriaza, M. Vargas (0053)*
7. The Role of "Connectors" in Successful Student Career Development
D.J. Minihan, K.J. Donnelly (0066)
8. Development of a College Experiential Learning Structure to Encourage and Evaluate Student Engagement
K.A. Vines (0072)
9. Engaging Community Members in Student Learning through the Development of Expected Student Learning Outcomes *R.J. Bischoff, P.R. Springer (0077)*
10. High School Students' Performance on a Dual-Credit Advanced Life Science Exam
L. Keefe, L. Esters, N. Knobloch (0078)
11. Deployment of Basic Meat Science Curriculum Topics and Standards Survey Instrument
J.K. Duke, T.R. Dobbins, W.D. Paige, L.W. Grimes, D.R. King, K.D. Layfield (0080)
12. Enrichment Assignments: Keeping Breadth, Depth, and Sanity
M. Navarro (0082)
13. Focusing undergraduate curriculum in Agricultural Biotechnology as a tool to engage students and faculty into the significance of agriculture *A. Santiago-CortAs (0108)*
14. Undergraduate Research at Two Hispanic Serving Institutions, Assessment of a 10 Year Ongoing Research Education Program *M.W. Persans, H.S. del Rio, E. Louzada and R. Wrinkle (0110)*
15. Internalization of Agricultural Curriculum at Florida International University: Evaluation of Student Experiential Learning Outcome *A. Jungman, M. Bhat, K. Jayachandran (0124)*
16. Success of Entering College Freshmen in Agriculture Based on College Credits Earned in High School
D. Pavelock, M. Beverly (0129)
17. An Online Master's Program in Agriculture and Natural Resources - Reflections on the First Ten Years
B.A. Darroch, T.N. Burcham (0138)
18. External Accreditation Process Provides Valuable Feedback and a Form of Outcomes Assessment
A.M. VanDerZanden (0140)
19. Assessing Student Attitudes toward Contemporary Issues in Animal Agriculture
M. Beverly, K. Stutts, S. Kelley, B. Freel, B. Mund (0144)
20. Effect of Class Time and Day on Attendance and Academic Performance in Undergraduate Animal Science Courses
K. J. Stutts, M.M. Beverly, S.F. Kelley, M.L. McMillan, A.N. Bullion, L.A. McMillan (0148)
21. Evaluation of Note Taking Method on Academic Performance in Undergraduate Animal Science Courses
K.J. Stutts, M.M. Beverly, S.F. Kelley (0149)
22. Does the Lincoln University Agriculture Club Engage Students?
B. Shanks, E. Backes, J. Caldwell, C. Thomas (0154)
23. Experiential learning, does the medium matter? Traditional case studies vs. Second Life®
T. Rutherford, D. Doerfert, T. Murphrey, L. Edgar, H. Leggette, K. Dooley (0155)
24. The Impact of Advisory Boards on Student Learning Outcomes: Internships, Mentorships and Scholarships
R.D. Pace, N. Dawkins (0159)
25. Academic Performance in a Two-Year Turfgrass Management Program as an Indicator for Career Success and Program Assessment *D.A. Willoughby (0164)*
26. The Capstone course as a means of measuring assessment in an animal science program
A. Pescatore, S. Burk, E. Vanzant, M. Rossano, W. Slivia, R. Ramon (0172)
27. Measures of Successful and Not-so-successful Efforts in Transforming Agriculture and Natural Resources Education in Hawaii *T. Sylva, K. Neupane, P. Millen, C. Kinoshita (0172)*
28. Student Perceptions of DVM Admissions in a PreVeterinary track Professional Development Course
S. Trivedi, B.K. Maddox, D.C. Orr (0180)
29. Virtual Reach: A Pilot Collaborative for Head Start Employees Seeking the Baccalaureate
T. Newman, B. Burr (0185)
30. Incorporating Agriculture into Elementary School Curriculum While
M.S. Burrows, D. Thain, D.W. Holcombe (0191)
31. Effectiveness of a science agricultural summer experience in recruiting students to natural resources management
E. Martinez, J. Lindline, M. Petronis (0192)
32. Perspectives on the Undergraduate Research Experience
W. Dahl, A. Ford (0203)
33. Reasons student choose to take an online summer course
S.E. Pratt-Phillips (0055)

PROGRAM AT A GLANCE

Date and Time	Event	Location
Tuesday, June 14		
12:30 pm to 9:00 pm	Registration Desk Open	Crowne Plaza Hotel - Promenade
1:00 pm to 2:00 pm	Foundation Advisory Committee Meeting	Crowne Plaza Hotel - Salon C
2:00 pm to 3:00 pm	NACTA Executive Committee Meeting	Crowne Plaza Hotel - Salon C
2:00 pm to 3:00 pm	DOCE Project Directors (PD) Meeting	Crowne Plaza Hotel - Salon B
7:00 pm to 9:00 pm	Welcome Reception	Crowne Plaza Hotel - Salon A
Wednesday, June 15		
7:30 am to 4:30 pm	Registration Desk Open	U of A Campus - CCIS Foyer
8:15 am to 8:30 am	Welcome / Opening	U of A Campus - CCIS 1-430
8:30 am to 9:30 am	Keynote Address	U of A Campus - CCIS 1-430
9:30 am to 11:00 am	Poster Session A	U of A Campus - CCIS Foyer
11:00 am to 12:00 pm	Concurrent Session A	CAB - Various Rooms
12:00 pm to 1:45 pm	Lunch and Pecha Kucha Presentations	U of A Campus - CCIS 1-430
2:00 pm to 3:00 pm	Concurrent Session B	CAB - Various Rooms
3:00 pm to 4:30 pm	Poster Session B	U of A Campus - CCIS Foyer
4:45 pm to 6:00 pm	Buses leave for BBQ	U of A Campus - 87 Ave & 114 Street Bus
6:30 pm to 9:00 pm	BBQ	Devonian Botanic Gardens
Thursday, June 16		
7:00 am to 8:00 am	Get Engaged with NACTA Breakfast	U of A Campus - CCIS Foyer
8:15 am to 8:45 am	NACTA Presidential Address	U of A Campus - CCIS 1-430
8:45 am to 9:30 am	Blue Ribbon Address	U of A Campus - CCIS 1-430
9:30 am to 11:00 am	Poster Session C	U of A Campus - CCIS Foyer
11:00 am to 12:00 pm	Concurrent Session C	CAB - Various Rooms
12:00 pm to 1:45 pm	Lunch and NACTA Business Meeting /	SUB - Dinwoodie Lounge 2nd Floor
2:00 pm to 3:30 pm	NACTA Educational Workshops <i>ice cream</i>	CAB - Various Rooms
3:30 pm to 5:00 pm	Concurrent Session D	CAB - Various Rooms
6:30 pm to 9:00 pm	Gala Awards Banquet	Crowne Plaza Hotel
Friday, June 17		
8:30 am to 9:30 am	DOCE NPL Meeting	U of A Campus - Ag/For Building
9:30 am to 10:30 am	NACTA Committee Meetings	U of A Campus - Ag/For and GSB
11:00 am to 5:30 pm	Tours	U of A Campus - 87 Ave & 114 Street Bus
6:30 pm to 10:00 pm	NACTA Executive Dinner	U of A Faculty Club