

Discussion Notes and Questions

Research Session Coordination
Iowa State University

Research Conference Coordination
The Pennsylvania State University

American Association for Agricultural Education



NORTH CENTRAL REGION CONFERENCE

Research Sessions
Friday, September 30, 2011

Nittany Lion Inn
State College, Pennsylvania

CONCURRENT SESSION A

Ballroom A
8:00 AM – 9:30 AM

Theme: Higher Education
Discussant: Mark Balschweid, *University of Nebraska-Lincoln*
Facilitator: Beth Foreman, *Iowa State Univ.*

EARLY CAREER FACULTY PERCEPTIONS AND PREFERENCES REGARDING PROFESSIONAL DEVELOPMENT IN TEACHING
Lucas D. Maxwell & Anna L. Henry
University of Missouri

THE DEVELOPMENT OF A COMPREHENSIVE ADVISING INSTRUMENT TO ASSESS ACADEMIC ADVISORS' PERFORMANCE
Amy R. Smith,
South Dakota State University
Kennon M. Sheldon & Bryan L. Garton
University of Missouri

UNDERGRADUATE AGRICULTURE STUDENTS' PERCEIVED ATTITUDES REGARDING STUDYING ABROAD
Jodi McDermott & Mark G. Zidon
University of Wisconsin-Platteville

RELATIONSHIP BETWEEN LEADERSHIP CONSTRUCTS AND STUDENT ACTIVITY PARTICIPATION IN HIGH SCHOOL AMONG FIRST-TIME COLLEGE OF AGRICULTURE STUDENTS
Jon C. Simonsen, *University of Missouri*
Jonathan J. Velez,
Oregon State University
Daniel D. Foster,
The Pennsylvania State University
Robert J. Birkenholz
The Ohio State University

CONCURRENT SESSION B

Ballroom B
8:00 AM – 9:30 AM

Theme: Agricultural Education in Schools
Discussant: Greg Miller, *Iowa State University*
Facilitator: Scott Smalley, *Oelwein High School, Oelwein, Iowa*

SAFETY CONDITIONS AND PRACTICES IN SECONDARY AGRICULTURAL MECHANICS PROGRAMS
Dustin Perry, *Iowa State University*
Robert Williams
Texas A & M - Commerce
Ryan Anderson, *Iowa State University*

EDUCATIONAL TECHNOLOGY USE AND ACQUISITION IN SECONDARY AGRICULTURAL EDUCATION CLASSROOMS
Ryan Wynkoop, Jerry Peters, B. Allen Talbert, & Levon Esters
Purdue University

VOICES FROM THE FIELD: A DELPHI STUDY OF PERCEIVED PROFESSIONAL DEVELOPMENT NEEDS OF NOVICE AND EXPERIENCED AGRICULTURAL SCIENCE TEACHERS
James C. Anderson II
University of Illinois
Annie Hernandez
Antioch University
PERCEPTIONS OF ADMINISTRATORS IN KENTUCKY SECONDARY SCHOOLS REGARDING THE INTEGRATION OF MATHEMATICS INTO AGRICULTURAL EDUCATION
Matthew Silvey
Austin Peay University
Ryan Anderson, *Iowa State University*

CONCURRENT SESSION C

Ballroom D

8:00 AM – 9:30 AM

Theme: Diversity & Communication

Discussant: Susie Whittington, *The Ohio State University*

Facilitator: Tom Paulsen, *Iowa State University*

INCORPORATING LEARNING OBJECTS IN A CURRICULUM RE-DESIGN TO MEET NEEDS OF SLD STUDENTS IN ILLINOIS AGRICULTURAL EDUCATION PROGRAMS

Seburn L. Pense, Jennifer Calvin, & Dennis G. Watson
Southern Illinois University

DEFINING SUCCESS THROUGH ADVERSITY: A CASE STUDY OF MANAGING A SCHOOL-BASED AGRICULTURE PROGRAM IN A HIGH POVERTY RURAL COMMUNITY

Kristin Kovar & Anna Henry
University of Missouri

URBAN SCHOOL-BASED AGRICULTURE: A CASE STUDY OF THE ADULT-YOUTH RELATIONSHIPS OF AN URBAN VETERINARIAN PROGRAM

William A. Bird, John Tummons, Michael J. Martin, & Anna Henry
University of Missouri

AGRICULTURAL ISSUES ON THE BALLOT: THE 2009 OHIO ISSUE 2 CAMPAIGN

Emily B. Rhoades & Hannah M. Thompson
The Ohio State University

CONCURRENT SESSION D

Ballroom A

8:00 AM – 11:30 PM

Theme: Experiential Learning

Discussant: Andy Baker, *Western Illinois University*

Facilitator: Dustin Perry, *Iowa State University*

STUDENT MOTIVATION FOR SUPERVISED AGRICULTURAL EXPERIENCES

William A. Bird, Michael J. Martin, & Jon C. Simonsen
University of Missouri

SUPERVISED AGRICULTURAL EXPERIENCES AND LEARNING THEORIES: EVALUATING THE EXPERIENCE THROUGH A COGNITIVE CONSTRUCTIVIST LENS

Michael J. Martin & Anna Henry
University of Missouri

PARENTAL PARTICIPATION IN NON-FORMAL EDUCATION ACTIVITIES

Mary Kate Berardi, John C. Ewing & Rama B. Radhakrishna
The Pennsylvania State University

INVOLVEMENT IN EXTRA-CURRICULAR ACTIVITIES AND LEADERSHIP DEVELOPMENT

Elizabeth A. Foreman & Michael S. Retallick
Iowa State University

CONCURRENT SESSION E

Ballroom B

10:00 AM – 11:30 PM

Theme: Teacher Education

Discussant: Wade Miller, *Iowa State University*

Facilitator: Preston Byrd, *Iowa State University*

AGRICULTURAL EDUCATION EARLY FIELD EXPERIENCE THROUGH THE LENS OF THE EFE MODEL

Scott W. Smalley
Oelwein High School, Oelwein, Iowa
Michael S. Retallick
Iowa State University

THE RELATIONSHIP BETWEEN COPING AND MENTOR SUPPORT OF NOVICE AGRICULTURAL EDUCATORS

John D. Tummons, Erica B. Thieman & Tracy J. Kitchel
University of Missouri

DIFFERENCES IN STUDENT TEACHING STRESSORS BY GENDER

Matthew Anderson
Lincoln County High School, Kentucky
Tracy Kitchel & Erica B. Thieman
University of Missouri

AGRICULTURAL EDUCATION TEACHER BELIEFS REGARDING INSTRUCTIONAL SUPERVISION

Thomas H. Paulsen & Robert A. Martin
Iowa State University

CONCURRENT SESSION F

Ballroom D

10:00 AM – 11:30 PM

Theme: Ag Issues & Civic Engagement

Discussant: Robert Martin, *Iowa State University*

Facilitator: Gina Matkin, *University of Nebraska-Lincoln*

HISTORY OF AGRICULTURALLY RELATED MERIT BADGES OFFERED BY THE BOY SCOUTS OF AMERICA

Robert Terry, Jr.
Oklahoma State University

THE RELATIONSHIP BETWEEN STUDENT INVOLVEMENT IN FFA CHAPTER CIVIC ENGAGEMENT ACTIVITIES, EXPERIENCED AUTONOMY, AND SELF-PERCEIVED CIVIC RESPONSIBILITY

William A. Bird & Anna Henry
University of Missouri

THE MEANING ASCRIBED TO RURAL FFA CHAPTER CIVIC ENGAGEMENT ACTIVITIES

William A. Bird & Anna Henry
University of Missouri

GOIN' TO KANSAS CITY- THE NATIONAL CONGRESS OF VOCATIONAL AGRICULTURAL STUDENTS

John D. Tummons & Jon C. Simonsen
University of Missouri