2009 CONFERENCE PROGRAM

Career and Technical Education Research and Professional Development Conference
(ACTER-OTT-ACADEMY)

November 17-19, 2009
Gaylord Opryland Hotel
Nashville, Tennessee
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>ACTER Registration</td>
<td>Canal Pre-Function Area</td>
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<tr>
<td>8:00 am</td>
<td>Opening Session</td>
<td>Canal A</td>
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<tr>
<td>9:00 am</td>
<td>Research Sessions</td>
<td>Canal B, C, D</td>
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<tr>
<td>10:15 am</td>
<td>Break</td>
<td>Canal Pre-Function Area</td>
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<tr>
<td>10:30 am</td>
<td>ACTER Luncheon</td>
<td>Canal E</td>
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<tr>
<td>12:00 pm</td>
<td>ACTER Past Presidents Luncheon</td>
<td>Hotel Restaurant</td>
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<tr>
<td>1:30 pm</td>
<td>Research &amp; Symposium Sessions</td>
<td>Canal B, C, D</td>
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<tr>
<td>2:45 pm</td>
<td>Break</td>
<td>Canal Pre-Function Area</td>
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<td>3:00 pm</td>
<td>Closing Session</td>
<td>Canal A</td>
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<tr>
<td>3:15 pm</td>
<td>Academy Business Meeting</td>
<td>Canal B</td>
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<tr>
<td>4:30 pm</td>
<td>ACTER Business Meeting</td>
<td>Canal A</td>
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<tr>
<td>5:30 pm</td>
<td>Grad Student Fireside Chat</td>
<td>Lincoln D</td>
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<tr>
<td>5:00 pm</td>
<td>Board Meetings</td>
<td>Bayou B, C, D</td>
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<tr>
<td>7:00 pm</td>
<td>ACTER Board of Directors Meeting</td>
<td>Governors C</td>
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<tr>
<td>7:00 pm</td>
<td>GRADUATE STUDENT FIRESIDE CHAT</td>
<td>Lincoln D</td>
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**TUESDAY NOVEMBER 17, 2009**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>5:00 PM – 7:00 PM</td>
<td>Academy Board Meeting ................................................................................................................. Bayou B</td>
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<tr>
<td></td>
<td>Edward C. Mann, Presiding</td>
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<td>CTER Journal Board Meeting ........................................................................................................ Bayou C</td>
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<td>M. Craig Edwards, Presiding</td>
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<td></td>
<td>OTT Board Meeting / JCTE Board Meeting ....................................................................................... Bayou D</td>
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<td>Steve McCaskey, Presiding</td>
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<tr>
<td>7:00 PM – 9:00 PM</td>
<td>ACTER Board of Directors Meeting .............................................................................................. Governors C</td>
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<td>Barry Croom, Presiding</td>
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**WEDNESDAY NOVEMBER 18, 2009**

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>7:00 AM – 11:00 AM</td>
<td>ACTER Registration ................................................................................................................Canal Pre-Function Area</td>
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<td>8:00 AM – 8:45 AM</td>
<td>Opening Session ....................................................................................................................... Canal A</td>
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<td>9:00 AM – 10:15 AM</td>
<td>Research Session ........................................................................................................................... Canal B</td>
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<td></td>
<td>Enrollment and Participation in CTE</td>
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<td></td>
<td>Discussant: Lynna J. Ausburn, Oklahoma State University</td>
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<td><em>Development of Occupational Aspiration Prestige: A Piecewise Latent Growth</em> Model of Selected Influences</td>
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<td>In Heok Lee, University of Georgia</td>
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<td>Jay W. Rojewski, University of Georgia</td>
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<td><em>It’s Not Your Parents’ “Votech” Anymore: The Role of Career and Technical Education in Academic Outcomes</em></td>
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<td>Jacob T. Walker, Mississippi State University</td>
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<td>R. Dwight Hare, Mississippi State University</td>
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<td>Mike Mulvihill, Mississippi Department of Education</td>
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<td><em>The Relationship between Practices of Career Counselors and Student Participation in Career Technical Education among High Schools in New Jersey</em></td>
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<td>Hyosun Kim, Ohio State University</td>
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<td>Joshua D. Hawley, Ohio State University</td>
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Research Session ........................................................................................................Canal C
Science in CTE
Discussant: Reynaldo L. Martinez Jr., Valdosta State University

*Effects of Assistive Technologies Combined with Desktop Virtual Reality in Instructional Procedures*
Gary P. Dotterer, Oklahoma State University

*4-H High School Students’ Career Intentions and Motivation to Learn Science after Participating in Science Workshops*
Lauren Snyder, Purdue University
Neil Knobloch, Purdue University
Colleen Brady, Purdue University
Natalie Carroll, Purdue University
Aryn Dotterer, Purdue University
Levon Esters, Purdue University
Clint Rusk, Purdue University
Roger Tormoehlen, Purdue University

*Perceptions of Agricultural Science Courses as a Viable Option for High School Science Credit*
Dwayne Pavelock, Sam Houston State University
Danell Woolery, Sam Houston State University
Doug R. Ullrich, Sam Houston State University
Stanley F. Kelley, Sam Houston State University

Research Session ........................................................................................................Canal D
Instruction in CTE
Discussant: Richard Walter, Pennsylvania State University

*Differentiating Instruction in High School Agricultural Education Courses: A Baseline Study*
Barry Croom, North Carolina State University
John Rayfield, Texas A&M University
Kathryn Murray, North Carolina State University

*Contributions of Work-Based Learning in Preparing At-Risk Students for Post-High School Transition*
Sinan Gemici, University of Georgia
Jay W. Rojewski, University of Georgia
In Heok Lee, University of Georgia

*Programmatic Student Engagement Activities of FFA Chapter Leaders in Tennessee and Nebraska*
John C. Ricketts, University of Georgia
Emily B. Rhoades, Ohio State University
Curtis R. Friedel, Louisiana State University
Tracy A. Irani, University of Florida
Nicole L. P. Stedman, University of Florida
10:15 AM – 10:30 AM

Break..................................................................................................................Canal Pre-Function Area

10:30 AM – 12:00 PM

Symposium........................................................................................................Canal A

Emerging Scholars Workshop: Establishing a Research Line of Inquiry
Steven R. Aragon, University of Illinois at Urbana-Champaign
Neil A. Knoblock, Purdue University
Elaine Adams, University of Georgia

Symposium........................................................................................................Canal B

Using the National Career and Technical Education Research Agenda to Inform Inquiry and Practice in 2010 and Beyond!
Richard Joerger, Minnesota State Colleges and Universities
Jeanea M. Lambeth, Betty H. Fairfax High School
Jack Elliot, Texas A&M University

Symposium........................................................................................................Canal C

A Framework for Reading Skill Strategy Enhanced CTE Curriculum Research
Frederick W. Polkinghorne, Valdosta State University
Mary Hilgeman, Valdosta State University

12:00 PM – 1:15 PM

ACTER Luncheon..................................................................................................Canal E

12:00 PM – 1:30 PM

Poster Session Set-up........................................................................................Canal Pre-Function Area
Steve McCaskey, Presiding

1:30 PM – 2:45 PM

Research Session................................................................................................Canal B
CTE Postsecondary Issues
Discussant: Morgan V. Lewis, Ohio State University

The Relationship of High School Curriculum Tracks to Degree Attainment and Occupational Earnings
Edward C. Fletcher Jr., Illinois State University
Chris Zirkle, Ohio State University
Factors Influencing the Postcollege Earnings of Iowa Community College Career and Technical Education Students from Three Career Clusters
Jonathan I. Compton, Iowa State University
Frankie Santos Laanan, Iowa State University
Soko S. Starobin, Iowa State University

Access and Success in Postsecondary Education: The Role and Effectiveness of Community Colleges vs. Four-Year Universities in Meeting Labor Market Needs
Muhammad K. Al-Alawneh, Pennsylvania State University
Mohamed A. Alhawasin, Pennsylvania State University

Professional Development for CTE Teachers
Discussant: Richard Joerger, Minnesota State Colleges and Universities

Identifying Confidence Levels and Instructional Strategies of High School Agriculture Education Teachers When Working with Students with Special Needs
Kristin Stair, North Carolina State University
Gary Moore, North Carolina State University

Identifying In-Service Needs of Secondary Agricultural Teachers by Content Area
John C. Ewing, Pennsylvania State University
Bart E. Gill, Texas A&M University
Rama Radhakrishna, Pennsylvania State University
Robert W. Clark, Pennsylvania State University

Teachers’ Adoption of Technology for Use in Family and Consumer Science Instruction
Donna H. Redmann, Louisiana State University
Joe W. Kotrlik, Louisiana State University

Research Issues in CTE
Discussant: James Gregson, University of Idaho

An Exploration of the Efficacy of the Proposed National CTE Research Agenda in Describing a State’s Research Strengths and Needs
Belinda McCharen, Oklahoma State University
Lynna J. Ausburn, Oklahoma State University
Ji Hoon Song, Oklahoma State University
Mary Jo Self, Oklahoma State University

When is a Lottery not a Lottery: Reflections on Site Selection for a Randomized Controlled Trial Study of CTE Programs of Study
Marisa Castellano, University of Louisville
Kirsten Sundell, University of Louisville
Laura T. Overman, University of Louisville
Cooperating Teachers’ Perceptions of Student Teachers’ Level of Preparation at Completion of the Agricultural Teacher Education Program
Amy Crump, Habersham Central High School
John C. Ricketts, University of Georgia
Dennis W. Duncan, University of Georgia
Jan Bertrang, Banks County Elementary School

2:45 PM – 3:00 PM

Break................................................................................................Canal Pre-Function Area

3:00 PM – 4:30 PM

Poster Session..............................................................................Canal Pre-Function Area

A Comparison of Technical Education Enrollment Patterns in Europe and the United States
Johanna Lasonen, University of Jyvaskyla, Finland
Victor Hernandez-Gantes, University of South Florida

A Grounded Theory Description of the Integration of Science Content into Secondary Career and Technical Education Programs
Matt Spindler, SUNY Oswego

Summer Science Sensation: Increasing Science Interest through Science Workshops at Purdue University
Megan Paul, Purdue University
Neil A. Knobloch, Purdue University

The Effects of a Curriculum Intervention on Arkansas Students’ Interests in Manufacturing as Measured by the Kuder Career Search Assessment
Bridget Duncan, Arkansas State University
David Agnew, Arkansas State University

An Exploratory Study of Students’ Oral Presentation Self-Efficacy
Levon T. Esters, Purdue University

Development of an Instrument to Measure the Agriscience Education Self-Efficacy of Middle School Students
Levon T. Esters, Purdue University

The Impact of Mentoring on Perception of Organizational Effectiveness
V. Marie Vicher, Southern Illinois University Carbondale
Angela Titi Amayah, Southern Illinois University Carbondale

Understanding the Muslim Workforce Contributions in the United States
Karima Hana-Meksem, Southern Illinois University Carbondale
Differentiating Instruction in High School Agricultural Education Courses
Katie Murray, North Carolina State University

School Policy Makers’ Perceptions of Appropriate Professional Dress for Teachers
Beth Winfrey Freeburg, Southern Illinois University Carbondale
Jane Workman, Southern Illinois University Carbondale

Teaching Reading Skill Development in FCS Teacher Education: A Survey of Need and Purpose
Frederick W. Polkinghorne, Valdosta State University
Sally E. Arnett, Northern Illinois University

An Examination of Teaching Intentions Among Illinois Family and Consumer Sciences Teachers
Sally E. Arnett, Northern Illinois University

Traditionally and Alternatively Prepared Family and Consumer Sciences Teachers in Georgia
Daphnne L. Bonaparte, University of Georgia
Bettye P. Smith, University of Georgia

4:30 PM – 5:30 PM

ACTER Business Meeting.................................................................Canal A
Barry Croom, Presiding

5:30 PM – 7:00 PM

Reception........................................................................................Canal E

7:00 PM – 8:00 PM

Graduate Student Fireside Chat.........................................................Lincoln D
Securing and Maintaining a Tenure Line Faculty Position
Sponsored by the University Council for Workforce and Human Resource Education (UCWHRE)
Reynaldo L. Martinez Jr., Presiding
Valdosta State University
THURSDAY NOVEMBER 19, 2009

10:30 AM – 12:00 PM

**Research Session**

**Teacher Mentors in CTE**

**Discussant:** Beth Winfrey Freeburg, Southern Illinois University Carbondale

- *The Role of Administrators in Career and Technical Teacher Induction*
  - Mary Jo Self, Oklahoma State University
  - Brian Sandford, Pittsburgh State University

- *Perceptions of Alternatively-Licensed Career and Technical Education Teachers About Teacher Mentoring and Teacher Retention*
  - Jane E. Briggs, Ohio State University and Eastland Career Center
  - Chris Zirkle, Ohio State University

- *Comparing Candidate and Clinical Faculty Cognitive Effect, Cognitive Affect, and Perceived Behaviors During Formal Mentoring*
  - Laura R. Stacklin, Virginia Polytechnic Institute and State University
  - Thomas W. Broyles, Virginia Polytechnic Institute and State University
  - Donna M. Moore, Virginia Polytechnic Institute and State University

**Symposium**

**Canal C**

- *Improving Instruction for CTE Programs: A National Research Center Study on Use of Assessment Data*
  - Sandra G. Pritz, National Occupational Competency Testing Institute (NOCTI)
  - Patricia Kelley, National Occupational Competency Testing Institute (NOCTI)

**Symposium**

**Canal D**

- *Developing and Maintaining a Programmatic Faculty/Student Research Team in CTE Graduate Programs*
  - Lynna J. Ausburn, Oklahoma State University
  - Floyd B. Ausburn, Oklahoma State University

12:00 PM – 1:15 PM

**Past President’s Luncheon**

**Hotel Restaurant**

Frankie Santos Laanan, ACTER President-Elect

1:15 PM – 2:45 PM

**Research Session**

**Conceptual Issues in CTE**

**Discussant:** Matthew Spindler, State University of New York at Oswego

- *Lessons from Soviet Educator A. S. Makarenko About Improving the Effectiveness of American Workforce Education*
  - Carsten Schmidtke, University of Arkansas
A Conceptual Framework for Green Career and Technical Education: Sustainability and the Development of a Green-Collar Workforce
James A. Gregson, University of Idaho

Symposium ........................................................................................................... Canal C

The Moments We Miss: Using Facial Reader Software as an Educational Research Tool
Tiffany Drape, Virginia Polytechnic Institute and State University
Cory Epler, Virginia Polytechnic Institute and State University
Donna M. Moore, Virginia Polytechnic Institute and State University
Rick Rudd, Virginia Polytechnic Institute and State University

Symposium ........................................................................................................... Canal D

The “Devil is in the Details”: When Delivering Technology Courses via Web-Based Distance Education
Argie N. Nichols, University of Arkansas
Debi Steele, University of Arkansas

2:45 PM – 3:15 PM

ACTER Closing Session ..................................................................................... Canal A
Frankie Santos Laanan, Presiding

3:15 PM – 5:15 PM

Academy Business Meeting .............................................................................. Canal B
Edward C. Mann, Presiding

5:30 PM – 7:00 PM

OTT Business Meeting ...................................................................................... Canal C
Steve McCaskey, Presiding
2009 - 2010 OFFICERS

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A SPECIAL THANK YOU TO THE REVIEWERS

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Marcia Anderson, Southern Illinois University
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Janet Burns, Georgia State University
Susan Camp, Oswego State University of New York
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Barry Croom, North Carolina State University
Julie Eddy, Colorado Community College System
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Edward C. Mann, The University of Southern Mississippi
Mary Pickard, East Carolina University
Jason Scales, Central Missouri State University
Jo Ann Whiteman, University of Central Florida
The Association for Career and Technical Education Research, The Academy, and Omicron Tau Theta wish to thank the following individuals and organizations for their support of this conference:

Marguerite Leishman, ACTE  
Peter Magnuson, ACTE  
Glenda Stewart, ConferenceDirect  
Donna Soulinthavong, Iowa State University

For more information about the Association for Career and Technical Education Research (ACTER), visit www.acteronline.org

ACTER 2010 CTERPD Conference  
November 30 - December 2

ACTE 2010 Annual Convention and Career Tech Expo  
December 2-4  
Las Vegas, Nevada