

PROGRAM

Career & Technical Education Research Conference

CTERC 2005

Sponsored by

ACTER

The Association for Career and
Technical Education Research

Hosted by

Louisiana
State
University



School of Human Resource Education
and Workforce Development
Louisiana State University

December 7, 2005
Marriot Hotel
Kansas City, Missouri

ACKNOWLEDGMENTS

A conference like CTERC 2005 requires leadership and professional contributions from many individuals to be successful. I wish to thank each of the following for their special contributions to this years conference:

- Jack Elliot, ACTER President-Elect
- The manuscript authors, session chairs, discussants, and facilitators listed in the program.
- The ACTER Officers and Key Leaders listed on Page 3.
- Michael Brustein, Esq., Brustein & Manasevit
- Jan Bray, Peter Magnuson, Marguerite Leishman, and Francine Morris, Association for Career and Technical Education
- Ken Gray, Outstanding Manuscript Presentation Chair
- Kendra Boggess, Presentation Equipment Coordinator
- The manuscript reviewers:
 - Corinne Alfeld, University of Minnesota
 - Marcia Anderson, Southern Illinois University
 - James Bartlett II, University of South Carolina
 - Bill Camp, Cornell University
 - Laura Eisenman, University of Delaware
 - Jim Flowers, North Carolina State University
 - Susan Fritz, University of Nebraska
 - Howard Gordon, Marshall University
 - Diane Jackman, Northern Illinois University
 - Jim Jacobs, Columbia University
 - Richard Joerger, The University of Minnesota
 - Adam Kantrovich, Morehead State University
 - Morgan Lewis, The Ohio State University
 - Ted Lewis, The University of Minnesota
 - Jimmy Lindner, Texas A&M University
 - Joyce Logan, University of Kentucky
 - Robert Martin, Iowa State University
 - Krisanna Machtmes, Louisiana State University
 - Floyd McKinney, The Ohio State University
 - Jane Plihal, The University of Minnesota
 - Cheryl Poston, Clemson University
 - Jay Rojewski, University of Georgia
 - Daisy Stewart, Virginia Tech University
 - Rebecca Swinburne-Romine, The University of Minnesota
 - Hollie Thomas, Florida State University
 - Allen Truell, Ball State University
 - Jill White, University of West Florida

2005 CTERC CHAIR: JOE W. KOTRLIK, LOUISIANA STATE UNIVERSITY

2005 ACTER OFFICERS

President: Diane Jackman, Northern Illinois University
President-Elect: Jack Elliot, University of Arizona
Past President: Susie Whittington, The Ohio State University
Recording Secretary: Kendra Boggess, Concord College
Membership Secretary: Elaine Adams, The University of Georgia
Treasurer: Penny Jo Clark, The University of Georgia
Historian: Rosalyn Vaughn

2005 ACTER KEY LEADERS

Editor, Career & Technical Education Research (CTER): Steven Aragon, University of Illinois at Urbana-Champaign
Managing Editor, Career & Technical Education Research (CTER): Morgan Lewis, The Ohio State University
AERA CTE Special Interest Group Chair: Edgar Farmer, Pennsylvania State University
AERA CTE Program Chair: Neil Knobloch, University of Illinois at Urbana-Champaign
Web Master: Mike Swan, Washington State University

TUESDAY, DECEMBER 6

12-5:00p.m. Registration – Provided by ACTE **Convention Center, Lobby 300**

6:00 - 7p.m. Board Meeting, Career & Technical Education Research (Journal) **Jay McShann A**

7:00 – 9p.m. Board Meeting, Association for Career & Technical Education Research (ACTER) **Lester Young B**

WEDNESDAY, DECEMBER 7

6:30 a.m. - 5:00 p.m. - **Registration** – Provided by ACTE **Convention Center, Lobby 300**
(ACTE will also distribute CTERC information packets)

8:00 a.m. Opening Session **Marriot, Basie CC1**

Presiding: Joe Kotrlik, Louisiana State University, CTERC Chair
Remarks: Diane Jackman, Northern Illinois University, ACTER President
Jack Elliot, University of Arizona, ACTER President-Elect
Jan Bray, Executive Director, Association for Career and Technical Education
Steven Aragon, University of Illinois at Urbana-Champaign, Editor, Career & Technical Education Research
Kenneth Gray, The Pennsylvania State University, Chair, Outstanding Paper Selection Committee
Facilitators: Virginia Tech; Robert Martin, Iowa State University

8:30 – 10:00 a.m. Concurrent Research Session I

Session A: Role of CTE

Marriot, Lester Young A

Chair: George Haber, Kent State University

Discussant: Barry Croom, North Carolina State University

Facilitators: Virginia Tech; Dennis Duncan, The University of Georgia; Cindy Morgan, Mississippi State University

Career & Technical Education and School-to-Work at the end of the 20th Century: Participation and Outcomes – *James Stone, Oscar Aliaga - University of Minnesota*

Role of Culture in Comparative Workforce Education Issues - *Laura Holyoke - University of Idaho*

Youth Unemployment And The Role Of Career And Technical Education: A Case Study of The Korean Labor Market - *Sang Hoon Bae, Ji Hoon Song - The Pennsylvania State University*

Session B: Articulation and Student Transition

Marriot, Lester Young B

Chair: Vern Luft, University of Nevada-Reno

Discussant: Mike Swan, Washington State University

Facilitators: John Ewing, The Ohio State University; Jon Beedle, Mississippi State University

Illinois Community College Demographics And University Transfer – *Michael Childers - The University of Wisconsin*

Secondary To Postsecondary Technical Education Transitions: Dual Enrollment In Georgia - *Dorothy Harnish, Richard L. Lynch - The University of Georgia*

FIRST Robotics as a Model for Experiential Problem-Based Learning: A Comparison of Student Attitudes and Interests in Science, Mathematics, Engineering, and Technology – *Donald Griffith, FIRST Robotics; Clint Isbell - Clemson University*

Session C: Teacher Education

Marriot, Big Joe Turner A

Chair: Diane Jackman, Northern Illinois University

Discussant: Wanda Fox, Purdue University

Facilitators: Travis Park, Cornell University; John Ricketts, The University of Georgia

Looking for Differences....A Gender Comparative View of Secondary Agricultural Education Teachers in the United States - *Billye Foster, Samantha Alvis, Catherine Feuerstein, James E. Kaltenbach, Ed Franklin - The University of Arizona*

A Retention Study Of Career-Based Intervention Teachers In Ohio - *Chris Zirkle, Amy Winegardner - The Ohio State University*

Preservice Teachers' Motivation And Leadership Behaviors Related To Career Choice - *Neil Knobloch, Brea Harms - University of Illinois at Urbana-Champaign*

10:00-10:30 a.m.

Break

10:30 – 12:00 a.m. Concurrent Research Session II

Session D: Workforce Education Issues

Marriot, Lester Young A

Chair: Adam Kantrovich, Morehead State University
Discussant: Chris Zirkle, The Ohio State University
Facilitators: Susan Camp, State University of New York-Oswego

The Agricultural Workforce in the 21st Century: Suggestions to Improve Policy, Institutions and Teaching/Training - *William M. Rivera - University of Maryland at College Park, and Gary Alex, USAID*

A Comparison of Secondary Career/Technical Education and Academic Instructional Practices: Implications for Policy Development - *Barbara Thompson - The George Washington University*

Employability Standards in a Secondary Program - *Bettye Smith, Shana Katz - The University of Georgia*

Session E: Success in CTE

Marriot, Lester Young B

Chair: Jim Wong, Shenandoah University
Discussant: Edgar Farmer, The Pennsylvania State University
Facilitators: Mary Jo Self, Oklahoma State University

Application of Tinto's Model to the Persistence of Freshmen Military Science Students - *Paul Brauchle, Gary E. Kayser - Illinois State University*

Booker T. Washington And Industrial Education For African Americans At The Tuskegee Normal And Industrial School - *Barry Croom - North Carolina State University*

An Evaluation of the Vocational Training Transition Model - *Thomas Brame, Melissa Kelly - University of West Florida, James Zink, University of West Florida*

Session F: Preservice Teacher Education

Marriot, Big Joe Turner A

Chair: Susie Whittington, The Ohio State University
Discussant: Levon Esters, Iowa State University
Facilitators: Marcus Comer, North Carolina A&T State University; Cliff Ricketts, Middle Tennessee State University

The Influence Of Preservice Teachers' Beliefs On Learning Experiences In A Learner-Centered Teaching Methods Course - *Sarah Hileman, Neil Knobloch - The University of Illinois at Urbana-Champaign*

The Effect Of Student Teaching Experience on Preservice Teacher Perceptions of Research-Based Effective Teaching Behaviors - *Ed Franklin, Billye Foster - The University of Arizona*

A Model For Implementing Early Field Experiences in Teacher Education - *Michael Retallick, Greg Miller - Iowa State University*

12:00p.m. Conference Luncheon

Marriot, Basie AA1

Presiding Joe Kotrlik, 2005 CTERC Chair
Moment of Silence
Introductions and Graduate Student Recognition
Greetings Jan Bray, Association for Career & Technical Education

1:30 – 3:00p.m. Concurrent Research Session III

Session G: Professional Development

Marriot, Lester Young A

Chair: Ok D. Park, University of Arkansas

Discussant: Ruth Dohner, The Ohio State University

Facilitators: Marisa Castellano, University of Louisville; Steven Aragon, University of Illinois at Urbana-Champaign

Preparing Accomplished Career And Technical Education Teachers - *Elaine Adams, Jon Liston, Helen Hall - The University of Georgia*

Identifying Technical Content Training Needs of Georgia Agriculture Teachers - *Jason Peake, John C. Ricketts, Dennis W. Duncan, John Uessler - The University of Georgia*

Agriscience Teachers' Attitudes toward Implementation of Content Area Reading Strategies - *Travis D. Park - Cornell University; Ed Osborne, University of Florida*

Session H: Instructional Methods

Marriot, Lester Young B

Chair: Wally Bouchillon, University of West Florida

Discussant: Neil Knobloch, The University of Illinois at Urbana-Champaign

Facilitators: Sara Hileman, University of Illinois at Urbana-Champaign

Learning Strategies of Career and Technical Students: Emerging Patterns and Instructional Implications - *Lynna Ausburn, Dee Brown - Oklahoma State University*

Teaching Techniques Used And Questions Asked By Professors During College Of Agriculture Class Sessions - *John Ewing, M. Susie Whittington - The Ohio State University*

A Case of a Partnership Academy Small Learning Community Model on Student Outcomes - *Sheila Folan, Cary Trexler - University of California-Davis*

Session I: Workforce Education Program Evaluation

Marriot, Big Joe Turner A

Chair: Jon Beedle, Mississippi State University

Discussant: Corinne Alfeld, University of Minnesota

Facilitators: Oscar Aliaga, University of Minnesota; Mike Retallick, Iowa State University

A Five Year High Stakes Test Score Comparison Between Career and Technical Education and Other Students - *Jack Elliot, Billye Foster, Ed Franklin - University of Arizona*

The Relationship of Career Technical Education and Workplace Efficacy of the Disabled in Korea: A Review of the Literature - *Hyosun Kim, Chris Zirkle - The Ohio State University*

Effects of *Reversal* or Negatively Worded Items on Supervisor Work Attitude Ratings of Information and Non-information Employees – *Paul Brauchle, Md. Shafiqul Azam – Illinois State University*

3:00-3:30 p.m. Break

- 3:30-4:30p.m. Association for Career and Technical Education Research (ACTER) Business meeting** **Marriot, Basie CC1**
Presiding: Diane Jackman, Northern Illinois University, CTER President
- 4:30-6 p.m. Awards Reception and Keynote speaker** **Marriot, Basie CC1**
Presiding: Joe Kotrlik, Louisiana State University, Chair, Career & Technical Education Research Conference
- Introduction
of Speaker: Diane Jackman, Northern Illinois University
ACTER President
- Speaker: The Importance of CTE Research, Michael Brustein, Esq., Brustein & Manasevit, Washington, D.C.
- Outstanding 2004 *Career & Technical Education Research* Manuscript Award:
Kendra Boggess, Concord College
- Outstanding CTERC 2005 Manuscript Awards:
Jack Elliot, University of Arizona, ACTER President-Elect
- Outstanding CTERC 2005 Presentation Awards:
Kenneth Gray, The Pennsylvania State University, Chair,
Outstanding Paper Selection Committee
- 6:00-8:00 p.m. Board Meeting, Association for Career & Technical Education Research (ACTER)** **Marriot, Taft (Salon 2)**

THURSDAY, DECEMBER 8

- 7:00-9:00am Past President's Breakfast, Association for Career and Technical Education Research (ACTER)** **Marriot, Nixon (Salon 5)**