
BRIAN EUGENE MYERS

Curriculum Vitae

Business Address

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EDUCATION

- | | |
|----------|---|
| May 2004 | Ph.D. Degree – Agricultural Education
University of Florida
Gainesville, Florida |
| May 1997 | M.S. Degree – Agriculture Education and Mechanization
Southern Illinois University at Carbondale
Carbondale, Illinois |
| May 1996 | B.S. Degree – General Agriculture (Agriculture Education)
Southern Illinois University at Carbondale
Carbondale, Illinois |

EXPERIENCE

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|----------------------------|--|
| June 2004
to
present | Assistant Professor of Agricultural Education
Agricultural Education and Communication Department
University of Florida
Gainesville, Florida |
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Teaching:

Undergraduate courses taught:

- Laboratory Practices in Teaching
- Program Planning in Agricultural Education

Graduate courses taught:

- Agriscience Laboratory Instruction (distance delivered)
- College Teaching
- Experiential Learning
- Contemporary Issues Agriculture Teacher Education

EXPERIENCE (continued)

Coordination

- Distance Delivered MS program for agriscience teachers and extension agents

Supervision:

- Teaching interns

December 2003
to
June 2004

Instructor – OPS Professional

Agricultural Education and Communication Department
University of Florida
Gainesville, Florida

Teaching:

Undergraduate courses taught:

- Emerging Technologies in Agricultural Education (focus on agriscience integration)

Undergraduate courses guest lecturer:

- Advanced Extension Methods

Graduate courses taught:

- Agriscience Laboratory Instruction (distance delivered)

Course Development

- Agriscience Laboratory Instruction
(Graduate course for distance education students)

Supervision:

- Teaching interns (3)

August 2001
to
December 2003

Graduate Teaching and Research Assistant

Agricultural Education and Communication Department
University of Florida
Gainesville, Florida

Teaching:

Undergraduate courses taught:

- Emerging Technologies in Agricultural Education (focus on agriscience integration)
- Instructional Techniques in Agricultural Education (2 sections – teaching option and non-teaching option)
- Curriculum and Program Planning in Agricultural Education Programs

EXPERIENCE (continued)

- Development and Philosophy of Agricultural Education
- Leadership Development in Agriculture and Natural Resource Professions
- Agricultural Education Internship

Course Development

- Emerging Technologies in Agricultural Education (Undergraduate course focusing on agriscience integration)
- History and Development of Agricultural Education (Graduate course for distance education students)
- Agriscience Laboratory Instruction (Graduate course for distance education students)

Undergraduate courses guest lecturer:

- First Year Florida
- Special Methods in Teaching Agricultural Education
- Instructional Techniques in Agricultural Education (teaching option)
- Development and Philosophy of Agricultural Education

Research:

Studies conducted:

- Effect of Agriscience Laboratory Teaching Method on Student Achievement, Science Process Skill, and Attitude across Learning Styles and Socioeconomic Status
- Science Process Skill Ability of Agriculture Teachers
- Science Process Skill Ability of Pre-service Agriculture Teachers (trend study)
- Attitudes and Perceptions about Faculty Advising in the College of Agricultural and Life Sciences at the University of Florida
- Attitudes and Perceptions about Faculty Advising in Colleges of Agriculture at Land Grant Institutions
- Problems Facing Beginning Agriculture Teachers – A Delphi Study
- Effective Strategies for Recruitment
- Solutions to Recruitment Problems
- Relationship Between Learning Style and Critical Thinking Ability of College of Agriculture Students

Advisement:

- Agricultural Education and Communication Society - Graduate Advisor

EXPERIENCE (continued)

Supervision:

- Teaching interns (2)

Coordination:

- CALS Teaching Resource Center – Graduate Coordinator
- Department undergraduate recruitment – Graduate Coordinator
- Florida Agricultural Education Listserve
- Florida Agriscience Teacher Directory

August 1997
to
July 2001

Agricultural Education Teacher

Unity High School
Mendon, Illinois

Teaching:

Taught courses in:

- General Agricultural Sciences
- Plant and Soil Science
- Animal Science
- Biological Science Applications in Agriculture
- Agricultural Mechanics
- Welding
- Agribusiness Management
- Horticultural Science
- Jobs Skills Development
- Adult Education

Advisement:

- Unity FFA Chapter
- Unity Ag Booster Club (FFA Alumni Affiliate)
- Senior class
- Tech Prep Program
- UHS Agricultural Education Advisory Council

Supervision:

- Student Agricultural Experience Programs
- Tech Prep Job Site Placements
- Adult projects including Ag Booster Club
- UHS Agricultural Education Advisory Council
- Cooperating Teacher-University of Illinois student teachers (2)

Coordination:

- Chair, School Improvement Committee
- Local Professional Development Committee (Teacher Recertification Board)

EXPERIENCE (continued)

- Tech Prep program
- High School Crisis Management Team

May 1996
to
May 1997

Graduate Teaching Assistant

Agriculture Education and Mechanization Department &
Plant and Soil Science Department
Southern Illinois University at Carbondale
Carbondale, Illinois

Teaching:

- Agriculture Education Teaching Methods
- FFA Program Development
- Introduction to Plant and Soil Science

Research:

- Perceptions of High School Agriculture Teachers of a Teaching Methods Course in a College of Agriculture.

Advisement:

- Undergraduate agricultural education students
- Collegiate FFA Chapter

Coordination:

- Recruitment for department and college

GRANT ACTIVITY

“Effect of Laboratory Instruction Method on Student Achievement,” Center for Agricultural and Environmental Research and Training, 2003, \$3,000, Director, Funded

“Development of Grade Specific Agriculture Literacy Notebooks,” Facilitating Coordination in Agriculture Education Pilot Project Grant, 1999, \$1,000, Director, Funded

REFEREED JOURNAL ARTICLES

Myers, B. E., & Dyer, J. E. (In press). Agriculture Teacher Education Programs: A Synthesis of the Literature. Manuscript submitted for publication in the *Journal of Agricultural Education*.

Myers, B. E., & Dyer, J. E. (In review). Perceptions, Value, and Preparation of University Faculty and Administrators Toward Advising Undergraduate and Graduate Students and Student Organizations. Manuscript submitted for publication in the *Journal of Agricultural Education*.

REFEREED JOURNAL ARTICLES (continued)

- Myers, B. E., & Dyer, J. E. (In review). Solutions to Recruitment Issues of High School Agricultural Education Programs. Manuscript submitted for publication in the *Journal of Agricultural Education*.
- Myers, B. E., & Roberts, T. G. (2004). Conducting a professional development workshop using experiential learning. *NACTA Journal*, 48(2), 27-32.
- Myers, B. E., & Dyer, J. E. (2003). Advising Components, Roles, and Perceived Level of Competence of University Faculty. *Journal of Southern Agricultural Education Research*, 53(1), 258-271.
- Myers, B. E., Dyer, J. E., & Breja, L. M. (2003). Recruitment strategies and activities used by agriculture teachers. *Journal of Agricultural Education*, 44(4), 94-105.

REFEREED PAPERS

- Myers, B. E., & Dyer, J. E. (In press). A Comparison of the Attitudes and Perceptions of University Faculty and Administrators Toward Advising Undergraduate and Graduate Students and Student Organizations. *Proceedings of the 31st Annual National Agricultural Education Research Conference*, St Louis, MO.
- Myers, B. E., & Dyer, J. E. (In press). The Influence of Student Learning Style on Critical Thinking Skills. *Proceedings of the 31st Annual National Agricultural Education Research Conference*, St Louis, MO.
***Second Runner-up, Outstanding Paper Presentation**
- Myers, B. E., Washburn, S. G., & Dyer, J. E. (2004). Assessing Agriculture Teachers Capacity for Teaching Science Integrated Process Skills. *Proceedings of the Southern Agricultural Education Research Conference*, Tulsa, OK.
- Myers, B. E., Dyer, J. E., & Washburn, S. G. (2004). Problems Facing Beginning Agriculture Teachers. *Proceedings of the Southern Agricultural Education Research Conference*, Tulsa, OK.
- Myers, B. E., & Dyer, J. E. (2004). The Influence of Student Learning Style on Critical Thinking Skills. *Proceedings of the Southern Agricultural Education Research Conference*, Tulsa, OK.
***First Runner-up, Outstanding Paper Presentation**
- Myers, B. E., & Dyer, J. E. (2003). Perceptions, Value, and Preparation of University Faculty and Administrators Toward Advising Undergraduate and Graduate Students and Student Organizations. *Proceedings of the 30th Annual National Agricultural Education Research Conference*, Orlando, FL. 570-581.

REFEREED PAPERS (continued)

- Myers, B. E., & Dyer, J. E. (2003). Agriculture Teachers Education Programs: A Synthesis of the Literature. *Proceedings of the 30th Annual National Agricultural Education Research Conference*, Orlando, FL. 49-59.
- Myers, B. E., & Dyer, J. E. (2003). Advising Components, Roles, and Perceived Level of Competence of University Faculty. *Proceedings of the Southern Agricultural Education Research Conference*, Mobile, AL. 71-83.
***First Runner-up, Outstanding Paper Presentation – Graduate Student**
- Myers, B. E., Dyer J. E., & Breja, L. M. (2003). Solution to Recruitment Issues of High School Agricultural Education Programs. *Proceedings of the Southern Agricultural Education Research Conference*, Mobile, AL. 438-449.
- Myers, B. E., Dyer J. E., & Breja, L. M. (2002). Recruitment strategies and activities used by agriculture teachers. *Proceedings of the 29th Annual National Agricultural Education Research Conference*, Las Vegas, NV.

REFEREED PRESENTATIONS

- Myers, B. E., & Dyer, J. E. (2004). The Influence of Student Learning Style on Critical Thinking Skills. Paper presented at the North American Colleges and Teachers of Agriculture annual meeting, Gainesville, FL.

POPULAR PUBLICATIONS

- Myers, B. E. (2003, Spring). Developing appropriate test questions. *TRC News*, 3
- Myers, B., & Jones, L. (2003, January-February). Successful field trips: A three-step approach. *The Agricultural Education Magazine*, 76(4), 26-27.
- Myers, B., & Dyer, J. E. (2002, March-April). Making science applicable: The need for a modern agricultural education curriculum. *The Agricultural Education Magazine*, 74(5), 24-25.
- Myers, B. E. (2000, March-April). Where have all the ag teachers gone? *The Agricultural Education Magazine*, 72(5), 4-5.

POSTER PRESENTATIONS

- Myers, B. E., & Washburn, S. G. (2004). Conducting Professional Development Workshops using Experiential Learning. Poster presented at the North American Colleges and Teachers of Agriculture annual meeting, Gainesville, FL.

POSTER PRESENTATIONS (continued)

Myers, B. E., & Washburn, S. G. (2004). Conducting Professional Development Workshops using Experiential Learning. *Proceedings of the Southern Agricultural Education Research Conference*, Tulsa, OK.

Myers, B. E., & Dyer, J. E. (2002). CALS Teaching Enhancement Symposium. *Proceedings of the 29th Annual National Agricultural Education Research Conference*, Las Vegas, NV.

PAID CONSULTANT WORK

Center for Agricultural and Environmental Research and Training, Inc. (2004). Kentucky Agricultural Education curriculum project conceptualization.

Center for Agricultural and Environmental Research and Training, Inc. (2003, November). Workshop to California agriculture teachers on new Agriscience Lesson Plan Library. Santa Rosa, CA.

Center for Agricultural and Environmental Research and Training, Inc. (2003, November). Workshop to California agriculture teachers on new Agriscience Lesson Plan Library. Modesto, CA.

Center for Agricultural and Environmental Research and Training, Inc. (2003). Developed several lessons for the Environmental Resources Cluster of the Illinois Agriculture Curriculum.

Center for Agricultural and Environmental Research and Training, Inc. (2002, October). Workshop to New Jersey agriculture teachers on new Agriscience Lesson Plan Library. Newark, NJ.

Center for Agricultural and Environmental Research and Training, Inc. (2002, October). Workshop to New Jersey agriculture teachers on new Horticulture Lesson Plan Library. Newark, NJ.

Center for Agricultural and Environmental Research and Training, Inc. (2002, July). Conducted a two-day workshop on “Biological Science Skills in Agriculture” to the Arkansas Agricultural Teachers Association, Hot Springs, AR.

Center for Agricultural and Environmental Research and Training, Inc. (2002). Miami-Dade County Agriscience Lab Units.

Center for Agricultural and Environmental Research and Training, Inc. (2002). Developed several lessons for the Animal, Plant and Soil Science Cluster of the Illinois Agriculture Curriculum.

PAID CONSULTANT WORK (continued)

Center for Agricultural and Environmental Research and Training, Inc. (2001, July). K-8 Agriscience teaching kit evaluation project.

Center for Agricultural and Environmental Research and Training, Inc. (2001 - 2002). Illinois Agriculture Core Curriculum Test Bank Project.

Center for Agricultural and Environmental Research and Training, Inc. (2001, July). *Animal Science/ Biological Science Applications in Agriculture Laboratory Skills*. Three-day workshop for the Arkansas Agricultural Teachers Association, Hot Springs, AR.

Center for Agricultural and Environmental Research and Training, Inc. (2001, June). *Bringing Science into the AgriScience Mechanics Laboratory*. Two-day workshop for the Delaware Agriculture Teachers Association, Smyrna, DE.

Center for Agricultural and Environmental Research and Training, Inc. (2001). Developed several lessons for the Agricultural Mechanics and Technology Cluster of the Illinois Agriculture Curriculum

Center for Agricultural and Environmental Research and Training, Inc. (2001). Developed several lessons for the Agricultural Business Management Cluster of the Illinois Agriculture Curriculum

Center for Agricultural and Environmental Research and Training, Inc. (2000). Developed several lessons for the Horticulture Cluster of the Illinois Agriculture Curriculum

Facilitating Coordination in Agriculture Education Project. (2000). Development of Microsoft PowerPoint presentations from the Illinois Agriculture Core Curriculum.

Illinois Association of Vocational Agriculture Teachers. (2000, April). Conducted workshop on using Microsoft PowerPoint in the classroom. Perry, IL.

Center for Agricultural and Environmental Research and Training, Inc. (2000). Development of PowerPoint lessons for *Introduction to Livestock and Companion Animals* text.

Illinois Association of Vocational Agriculture Teachers. (2000, September). Conducted workshop on using Microsoft PowerPoint in the classroom. Mendon, IL.

Center for Agricultural and Environmental Research and Training, Inc. (1999). Developed several lessons for the Central Cluster of the Illinois Agriculture Curriculum

PAID CONSULTANT WORK (continued)

Section 13 Illinois Association of Vocational Agriculture Teachers (1999, August).
Workshop on Web page building, Mendon, IL

Center for Agricultural and Environmental Research and Training, Inc. (1999, July).
Basic Laboratory Skills for the Agriscience Classroom. Workshop for the Orange
County, Florida Agriculture Teachers, Orlando, FL.

Center for Agricultural and Environmental Research and Training, Inc. (1999, June).
Implementing Environmental Science in the Agriscience Classroom. A two-day
workshop for the Delaware Agriculture Teachers Association, Dover, DE.

INVITED SEMINARS

Myers, B. E., Morgan, A. C., & Park, T. (2003, November). *Effective Student Clubs and
Organizations*. UF Fisheries Graduate Student Leadership Summit, Gainesville, FL.

Myers, B. E., Dyer, J. E., & Washburn, S. G. (2003, June). *Integrating Science Skills in
Agriculture*. Two-day Agriscience Teaching Workshop for Florida Agriculture
Teachers. Live Oak, FL.

Myers, B. E., Dyer, J. E., & Washburn, S. G. (2003, June). *Integrating Science Skills in
Agriculture*. Two-day Agriscience Teaching Workshop for Florida Agriculture
Teachers. Clewiston, FL.

Myers, B. E., Dyer, J. E., & Washburn, S. G. (2003, June). *Integrating Science Skills in
Agriculture*. Two-day Agriscience Teaching Workshop for Florida Agriculture
Teachers. Orlando, FL.

Myers, B. E., Dyer, J. E., & Washburn, S.G. (2003, June). *Constructing a Program of
Activities*. Workshop for Florida Agriculture Teachers. Haines City, FL.

Myers, B. E., & Washburn, S. G. (2003, June). *Preparing your National Chapter Award
application*. State FFA Convention, Kissimmee, FL.

Myers, B. E. (2003, April). *Yes, there is a future in agriculture!* Richardson Middle
School FFA Chapter Banquet keynote address, Lake City, FL.

Myers, B. E., Morgan, A. C., & Park, T. (2002, November). *Effective Student Clubs and
Organizations*. UF Fisheries Graduate Student Leadership Summit, Gainesville, FL.

Myers, B. E. (2002, January). *Leadership within clubs and organizations*. CALS Club
Leadership Seminar keynote address, Gainesville, FL.

INVITED SEMINARS (continued)

- Myers, B. E., & Roberts, T. G. (2001, November). *Developing evaluation tools for the agricultural education classroom*. University of Florida, Gainesville, FL.
- Myers, B. E. (2001, October). *Organized Instruction*. University of Florida, Gainesville, FL.
- Myers, B. E., & Ricketts, J. C. (2001, September). *Leadership and Personality*. Florida State FFA Officer team training workshop, Gainesville, FL.
- Myers, B. E. (2001, September). *So you want to be a teacher?* Keystone Heights High School, Keystone Heights, FL.
- Myers, B. E. (2001, September). *What does it cost to live?* Keystone Heights High School, Keystone Heights, FL.
- Myers, B. E. (2001, June). *Agriculture Mechanic Skills*. Illinois Association of Vocational Agriculture Teachers Student Branch State Conference, Decatur, IL.
- Myers, B. E., Bryson, D., Kunz, L., & Spohr, B. (2001, June). *Development and Implementation of Specialized Curriculum for Tech Prep*. Connections 2001 Conference, Springfield, IL.
- Myers, B. E., Bryson, D., Kunz, L., & Spohr, B., (2001, March). *Development and Implementation of Specialized Curriculum for Tech Prep*. Connections 2001 Conference, St. Charles, IL.
- Myers, B. E., & Treat, R. (2000, July). *Developing a Student Teacher Handbook for Cooperating Teachers*. Western Illinois University, Macomb, IL.
- Myers, B. E. (2000, February). *Integrating Science in the Agriculture Classroom*. American Association for Agricultural Education Central States Student Teachers Conference, St. Louis, MO.
- Myers, B. E. (2000, September). *Beginning Agriculture Teacher Mentor Program*. Illinois Association of Vocational Agriculture Teachers Beginning Advisor's Workshop, Effingham, IL.
- Myers, B. E., Pfeiffer, L., & Pentony, D. J. (2000, October). *Integrating Science in the Agriculture Classroom*. National Collegiate Agricultural Education Conference and Alpha Tau Alpha Conclave, Louisville, KY
- Myers, B. E. (1999, September). *Beginning Agriculture Teacher Mentor Program*. Illinois Association of Vocational Agriculture Teachers Beginning Advisor's Workshop, Springfield, IL

INVITED SEMINARS (continued)

Myers, B. E. (1998, September). *Beginning Agriculture Teacher Mentor Program*. Illinois Association of Vocational Agriculture Teachers Beginning Advisor's Workshop, Springfield, IL

SERVICE ACTIVITIES

Superintendent, Florida FFA Agriscience Fair, 2004
Judge, National FFA Prepared Public Speaking CDE, 2003
Discussion Facilitator, Southern Region Teaching Symposium, 2003
Judge, Florida FFA High School Parliamentary Procedure CDE, 2003
Judge, Florida FFA Agriscience Fair, 2003
Judge, Florida FFA Middle School Parliamentary Procedure CDE, 2003
Judge, Florida FFA Middle School Prepared Public Speaking CDE, 2003
CDE Superintendent, Florida FFA Tool Identification CDE, 2003
President, Alpha Tau Alpha, 2003 - 2004
Judge, Florida FFA State Chapter Award Applications, 2004, 2003, 2002
Judge, Florida FFA State Proficiency Awards, 2004, 2003, 2002
Judge, Florida FFA Ornamental Horticulture Demonstrations CDE, 2004, 2003, 2002
Vice-President, Agricultural Education and Communication Graduate Student Association, 2002 – 2003
Judge, Florida FFA Middle School Extemporaneous Public Speaking CDE, 2002
Judge, Florida FFA Food Science CDE, 2004, 2002
Judge, Florida State Fair Sheep “Ask Me” Talks, 2002
Session Facilitator, NAERC, 2002, 2001
Presenter, State Fair 4-H Educational Seminar, 2002, 2001
Judge, National FFA AgriScience Fair, 2001
Judge, Florida 4-H Hog and Ham Illustrated Demonstrations, 2001
Chair, Section 13 IAVAT, 2000-2001, 1999-2000
State Coordinator, IAVAT Student Branch, 2001, 2000, 1999
State Chairman, IAVAT Agricultural Education Advisory and Teacher Recruitment Committee, 2001, 2000, 1999, 1998
Legislative Representative, Section 13 IAVAT, 1999, 1998
West Central Illinois Agriculture Advisory Council, 2001, 2000, 1999
John Wood Community College Agriculture Advisory Council, 2001, 2000, 1999, 1998
State Electricity Curriculum Development Committee, 2000, 1999, 1998
FFA Leadership Camp Staff, 1999, 1998, 1997
Secretary, Adams/Brown Unit of the University of Illinois Extension Advisory Council, 2000, 1999
Co-founder, Adams County Agriculture Awareness Council, 2001, 2000, 1999
John Wood Community College Youth Leadership Conference Planning Committee, 2001, 2000, 1999

HONORS AND AWARDS

Outstanding Graduate Student, Agricultural Education and Communication Department, 2004

NACTA Graduate Student Teaching Award, 2004

First Runner-up, Outstanding Paper Presentation – Graduate Student, SAERC, 2003

Outstanding Young Member Runner-up, IAVAT, 2000

Most Inspirational Teacher Award, Western Illinois University, 1999

IAVAT Professionalism Award, 1999, 2000

NACTA Graduate Student Teaching Award of Merit, 1997

Honorary Chapter FFA Degree, Mt. Vernon FFA Chapter, 1996

American FFA Degree, 1994

HONORARY AND PROFESSIONAL ORGANIZATIONS

Alpha Tau Alpha

Alpha Zeta

American Association for Agricultural Education

American Educational Research Association

Association for Career and Technical Education

Florida Association of Agricultural Educators

Florida Association for Career and Technical Education

Illinois FFA Alumni Association

Phi Delta Kappa

National Association of Agriculture Educators

National FFA Alumni Association (Life Member)

National Science Teachers Association

North American Colleges and Teachers of Agriculture

SIUC Alumni Association (Life Member)

REFERENCES

Letters of reference and/or additional information may be obtained by contacting the following individuals:

James E. Dyer, PhD
Associate Professor
Department of Agricultural Education
and Communication
University of Florida
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Gainesville, FL 32611-0540
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email: jedyer@ufl.edu

E. Jane Luzar, PhD
Professor and Associate Dean
College of Agricultural and Life Sciences
University of Florida
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Gainesville, FL 32611-0270
Telephone: (352) 392-2251
email: EJLuzar@mail.ifas.ufl.edu

Shannon G. Washburn, PhD
Assistant Professor
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and Communication
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Edward W. Osborne, PhD
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and Communication
University of Florida
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Robert D. Arthur, PhD
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College of Agricultural Sciences
Southern Illinois University at Carbondale
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Donald M. Elkins, PhD
Professor and Dean
College of Agriculture & Home Economics
Tennessee Technological University
P.O. Box 5165
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