

DOUG R. ULLRICH, JR.

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Huntsville, Texas 77320
(936)661-6616 (CELL)
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EDUCATION

- Doctor of Education, Agricultural Education** **1996**
Oklahoma State University, Stillwater, Oklahoma
Supporting Field: Educational Administration
Dissertation Title: Safety Procedures, Education and Standards in Selected
Agricultural Education Programs in Oklahoma
- Master of Agricultural Education** **1990**
Texas A&M University, College Station, Texas
Emphasis: Horticulture and Mechanization
- Bachelor of Science, Agricultural Education** **1986**
Texas A&M University, College Station, Texas
Emphasis: Animal Sciences & Agricultural Mechanization

EMPLOYMENT HISTORY

- Professor** **2007 - present**
Department of Agricultural and Industrial Sciences
- Coordinator Industrial Sciences Program** **2006 - present**
Department of Agricultural and Industrial Sciences
- Associate Professor** **2006 - present**
Interim Program Coordinator of Industrial Technology
Department of Agricultural and Industrial Sciences
- Interim Department Chair** **May 2004 – August 2005**
Department of Agricultural and Industrial Sciences
- Associate Professor, Member of the Graduate Faculty,** **2002-present**
Department of Agricultural Sciences
- Bachelor of Applied Arts and Sciences Coordinator** **1999-present**
Department of Agricultural Sciences

Adjunct Professor of Cell Biology UT Health Center, SW Center for Agricultural Safety and Health	1998-2004
Assistant Professor, Member of the Graduate Faculty Head Teacher Educator Department of Agricultural Sciences	1996-2002
Instructor and Graduate Assistant Department of Agricultural Education, Communications & 4-H Youth Development, Oklahoma State University	1994-1996
Advisor Conference Coordinator Washington D.C. Leadership Conference, National FFA Organization	summer 1994
Agricultural Science Teacher Socorro ISD, Goliad ISD & Columbus ISD,	1987 – 1994

COURSES COMMONLY TAUGHT

AGRI 1131 – Training Requirements for Professional & Managerial Positions in Agriculture
AGRI 3381 – Game Animal Production
AGRI 4120 – Undergraduate Senior Seminar
AGED 4364 – Methods of Teaching Agricultural Education
AGED 4365/4366 – Student Teaching Methods in Agricultural Education
AGED 4388 – Principles of Agricultural Leadership and Community Development
AGRI 6350 – Research Techniques
CATM 4360 – Work-Based Mentorship
CATM 5364 – Work-Based Mentorship

ADDITIONAL COURSES TAUGHT

AGRI 1307 – Introduction to Plant Sciences
AGRI 2820 – Man, Food and Nutrition
AGRI 3320 – Interdisciplinary Agricultural Sciences and Technology
AGRI 3350 – Agribusiness for the Agricultural Sciences Teacher
AGRI 4340 – Agricultural Marketing
AGRI 4360 – Livestock Management Techniques
AGRI 4396 – International Agricultural Business
ITEC 4384 – Supervisory Management

LEADERSHIP AND SERVICE

State, Regional and National Assignments

State Leadership Development Event for Texas FFA Association - Co-Chair	1998 - present
Texas FFA Alumni Board of Directors	2000 – 2008
AREA IX FFA Career Development Events Committee - Co-Coordinator	1997 - present
Agricultural Education Consortium of Texas – Secretary	1997 - 1998
Texas Agricultural Education Distance Education Committee – member	1998
Young Farmer Coordinating Board – Teacher Education Representative Member	1997
TECASH - Committee for the Texas Workers Compensation Commission – Agricultural Education Member	1997 - 1998

University Assignments

SHSU Faculty Senate	November 2008 - present
SHSU SAM Center Advisor (1694+ advisement sessions in 2013 [41% of departmental advisements])	January 2001 - present
Program Coordinator of the Bachelors of Applied Arts and Science Degree Program [200+ students]	January, 2000 - present
Fred Pirkle Engineering Technology Center Programming Committee - Member	2013
Faculty Committee for Emeritus Evaluation	August 2007 - 2012
SACS Accreditation Committee	February – August 2005
Core Curriculum Committee Member	March 8, 2004 – August 31, 2006
SHSU Student Services Fee Committee	1999 - 2002
SHSU - The Graduate Council	2000

SHSU Student Recruitment and Retention Committee 1999 - 2000

College Assignments

COAS Academic Council August 2007 – present

Program Coordinator of Industrial Technology [250+ students] 2008 - present

Interim Program Coordinator of Industrial Technology January 2006 - 2008

Professional Teacher Center Board - Member 1997 - present

Teacher Education Admissions Board – Member 1997 - present

Ad Hoc Committee to Develop Assessment Measures for the Core Curriculum - Member. 1999

Technology Committee Second Generation - Co-Chairman 1997 - 1998

NCATE Continuing Accreditation Documents Room Committee 1997 - 1998

Program Coordinator BAAS Degree Program 1996 - present

Departmental Assignments

Engineering Technology – Search Chair 2014 - 2015

ASEEN Project Manager Search Committee - Chair 2012

Graduating Senior Survey Committee – Member 2012

Gibbs Ranch Hunting Lease – Chair 2012

IT Alumni Relations - Chair 2012

Academic Distinction Committee – Chair 2012

Industrial Sciences Search Committee - Chair 2008 - 2011

Ag Dept. Chair Search Committee – Member 2006

Agriculture Banquet Committee – Chair 2005 - present

Graduate Program Committee – Member 1997 - present

Agriculture Scholarship Committee – Chair	2000 - 2005
Houston Livestock Show and Rodeo Research Committee – Member	1997 - 2000
Curriculum / Catalogue Committee - Member	1999 - 2000
Van Use Committee - Chair	2000
Agricultural Economics Faculty Position Search Committee - Member	2000
Agricultural Economics / Education Faculty Position Search Committee - Member	2000
Animal Science Search Committee – Chair	Fall -1998
Agriculture Department Ag Center Improvement Committee - member	1997
Animal Science Search Committee – Member	Spring 1997
Agriculture Department Graduate Student Handbook Committee - Member	1997
Agriculture Department Teaching Evaluation Committee – Chair	1997

PROFESSIONAL ORGANIZATIONS & AFFILIATIONS

American Association for Agricultural Education; Member
National Association for Agricultural Educators; Member
North American College Teachers of Agriculture; Member
Vocational Agriculture Teachers Association of Texas; Committee Chair
Phi Delta Kappa; Member
Leadership Development Institute; Member

RESEARCH INTERESTS

Agricultural Sustainable Energy Education
Professional Development for STEM Teachers
Agricultural and Industrial Safety and Health Issues

Agricultural Education Program Development
Identification of Exemplary Agricultural Education Programs

SCHOLARLY WORKS

2014

SAUCIER, P. R., Ullrich, D. R., Pavelock, D., Krysher, S. Co-author. Agricultural laboratory safety education exposure levels of students participating in the Houston Livestock Show and Rodeo Agricultural Mechanics Project Show: A generational review. Huntsville, TX. In progress.

2013

Yildiz F., Muller, J., Kingman, D, **Ullrich, D.**, Coogler, K.L., Crockford, W.W. 2013. Mobile Renewable Energy Education to Promote STEM Education in Rural School Districts. Technology Interface International Journal (TIJ). Vol. 14, No. 1. ISSN: 1523-9926.

2012

Hanagriff, R. D., Rayfield, J., Pavelock, D., and ULLRICH, D. R. (2012). Measuring community economic impacts derived from FFA career development event participant spending. NACTA Journal [Abstract], 56 (Supplement 1): 89.

Page, C. J., Krysher, S., Wolkskill, L. A., Pavelock, D., ULLRICH, D., and Lau, M. (2012). Correlation of SAT/ACT scores and estimated family financial contribution of Texas FFA scholarship recipients. NACTA Journal [Abstract], 56 (Supplement 1): 82.

Ullrich, S., ULLRICH, D. R., Krysher, S., and Pavelock, D. (2012). The professional development project for teaching advanced animal science. NACTA Journal [Abstract], 56 (Supplement 1): 82.

2011

ULLRICH, D. R., Pavelock, D., Robinette, Bob [Cedar Hill ISD] and Jones, Christa [Dallas Community College] (Presentation). Tools to Promote Success: Tech Prep > AAS > BAAS. 2011 Education Open Source, Austin, TX (February 8, 2011)

Hynes, J. W., Edgington, W. E., Gerber, H., Maninger, R., & ULLRICH, D. Jr., Multi-mediating: Laying the foundation for an instructional design to aid teachers in incorporating mathematics and science into high school agricultural curriculum. Invited Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants Program grant recipient workshop no. 1, November 18, 2011 held in St. Louis, Missouri.

Hynes, J. W., Edgington, W. E., Gerber, H., Maninger, R., & ULLRICH, D. Jr., Multi-mediating: Laying the foundation for an instructional design to aid teachers in incorporating mathematics and science into high school agricultural curriculum. Invited Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants Program grant recipient workshop no. 2, an in- depth project discussion and SPEC project showcase. November 18, 2011 held in St. Louis, Missouri.

ULLRICH, D.R., and Pavelock, D., Planning Tech Prep Transitions to BAAS Programs. Gulf Coast Tech Prep Counselors Extravaganza. Houston, TX (February 17, 2011).

Robinett, Bob Robinette, Bob [Cedar Hill ISD], Jones,Christa [Dallas Community College], ULLRICH, D. R., Pavelock, D., (Presentation). Tools to Promote Success: Tech Prep > AAS > BAAS. 2011 Texas Career Education Conference, Dallas, TX (July 19, 2011)

2010

PAVELOCK, D., Fazarro, D, and **Ullrich**, D. (June 2010). Learning style preferences of freshman and senior students in agricultural sciences. *NACTA Journal* [Abstract], 54 (2): 9.

2009

ULLRICH, D. R. and **Pavelock**, D. (2008, December). A case for modernizing capstone/senior seminar courses. *NACTA Journal*, 52 (4). p. 48. (NOTE: Issue was published in January 2009)

PAVELOCK, D. and Ullrich, D. (June 2009). Perceptions of agricultural science courses as a viable option for high school science credit. *NACTA Journal* [Abstract], 53 (2): 111.

PAVELOCK, D. and Ullrich, D. (June 2009). Fabrication, safety, and demographics of agricultural mechanics project show participants. *NACTA Journal* [Abstract], 53 (2): 111-112.

Research Presentations, Posters and Abstracts

Pasket, M., Ullrich, D. & Pavelock, D. (2014). Wildlife Career Development Event. Texas CFFA Convention, Ft Worth, TX, July, 2014. [3rd place poster presentation]

Kenneth, B., [?], Ullrich, D. (2014). Mobile Applications in Agriculture. Texas CFFA Convention, Ft. Worth, TX, July, 2014. [1st place poster presentation]

Ullrich, D., Yildiz, F., Lane, B., Kane, S. (2013). "Agricultural Sustainable Energy Education Network (ASEEN)", Poster. 2013 VATAT Professional Development Conference: Agricultural Education by the Bay. July 29-August 2, 2013. Corpus Christi, TX.

Pavelock, D., Page, C. J., Vrazel, H., Nowak, Z., and Ullrich, D. (Poster). Professional development needs assessment of Texas' agriculture, food, and natural resources teachers. 2013 North American Colleges and Teachers of Agriculture Annual Conference, Blacksburg, VA. June 27, 2013.

Pavelock, D., and Ullrich, D. (Poster). Comparing academic achievement of agriculture majors with and without teaching certification. 2013 North American Colleges and Teachers of Agriculture Annual Conference, Blacksburg, VA. June 27, 2013.

Ullrich, D., Yildiz, F., Lane, B., Kane, S. (2013). "Agricultural Sustainable Energy Education Network (ASEEN)", Poster. 2013 VATAT Professional Development Conference: Agricultural Education by the Bay. July 29-August 2, 2013. Corpus Christi, TX.

Bushnell, L., Santiago, M., Krysher, K., Pavelock, D., Ullrich, D., "Secondary Educators' Perceptions of Advanced Animal Science Project Share Professional Development." Poster. VATAT Professional Development Conference: Agricultural Education by the Bay. July 29-August 2, 2013. Corpus Christi, TX.
Pavelock, D., Hanagriff, R. D., Rayfield, J., and ULLRICH, D. R. (Poster). Measuring community economic impacts derived from FFA career development event participant spending. 2012 North American Colleges and Teachers of Agriculture Conference, River Falls, Wisconsin (June 2012).

Page, C. J., Krysher, S., Wolkskill, L. A., Pavelock, D., ULLRICH, D., and Lau, M. (Poster). Correlation of SAT/ACT scores and estimated family financial contribution of Texas FFA scholarship recipients. 2012 North American Colleges and Teachers of Agriculture Conference, River Falls, Wisconsin (June 2012).

Pavelock, D., ULLRICH, S., Ullrich, D. R., and Krysher, S. (Poster). The professional development project for teaching advanced animal science. 2012 North American Colleges and Teachers of Agriculture Conference, River Falls, Wisconsin (June 2012).

Page, C. J., Krysher, S., Wolkskill, L. A., Pavelock, D., ULLRICH, D., and Lau, M. (Poster). Does estimated family financial contribution correlate with SAT/ACT scores of Texas FFA scholarship recipients? 2012 American Association for Agricultural Education Conference, Asheville, North Carolina (May 2012).

Hanagriff, R. D., Rayfield, J., Pavelock, D., and ULLRICH, D. R. (Poster). Measuring community economic impacts derived from FFA career development event participant spending. 2012 Western Region Agricultural Education Conference, Bellingham, Washington (April 2012).

PAVELOCK, D., Fazarro, D., and **Ullrich, D.** (Poster). Do differences exist in learning style preferences of freshman and senior students in agricultural sciences? *2010 Career and Technical Education Research and Professional Development Conference*, Las Vegas, Nevada (December 2010).

PAVELOCK, D., Fazarro, D., and **Ullrich, D.** (Presentation). Learning style preferences of freshman and senior students in agricultural sciences. *2010 NACTA Conference, State College, PA: (June 2010)*

ULLRICH, D. R. and Pavelock, D. (Presentation). Technical associates degrees: Not the end of the road. *2010 Education Open Source*, Austin, TX (February 2010)

PAVELOCK, D. and **Ullrich, D.** (Presentation). Perceptions of agricultural science courses as a viable option for high school science credit. *2009 Career and Technical Education Research and Professional Development Conference*, Nashville, Tennessee (November 2009).

PAVELOCK, D. and **Ullrich, D.** (November 2009). Perceptions of agricultural science courses as a viable option for high school science credit. *Proceedings of the 2009 Career and Technical Education Research and Professional Development Conference (Abstract)*, Nashville, Tennessee.

PAVELOCK, D. and **Ullrich, D.** (Poster). Perceptions of agricultural science courses as a viable option for high school science credit. *2009 North American Colleges and Teachers of Agriculture Annual Conference*, Stillwater, Oklahoma (June 2009).

PAVELOCK, D. and **Ullrich, D.** (Poster). Fabrication, safety, and demographics of agricultural mechanics project show participants. *2009 North American Colleges and Teachers of Agriculture Annual Conference*, Stillwater, Oklahoma (June 2009).

ULLRICH, D. R. and Pavelock, D. (Presentation). Safety practices, fabrication-related aspects, and demographics of students in an agricultural mechanics project show. *2009 National Institute for Farm Safety Annual Conference*, New Orleans, Louisiana (June 2009).

PAVELOCK, D. and **Ullrich, D.** (June 2009). Perceptions of agricultural science courses as a viable option for high school science credit. *Proceedings of the 2009 North American Colleges and Teachers of Agriculture Annual Conference (Abstract)*, Stillwater, Oklahoma.

PAVELOCK, D. and **Ullrich, D.** (June 2009). Fabrication, safety, and demographics of agricultural mechanics project show participants. *Proceedings of the 2009 North American Colleges and Teachers of Agriculture Annual Conference (Abstract)*, Stillwater, Oklahoma.

PAVELOCK, D. and **Ullrich, D. R.** (June 2009). Safety practices, fabrication-related aspects, and demographics of students in an agricultural mechanics project show. *Proceedings of the 2009 National Institute for Farm Safety Annual Conference (Abstract)*, New Orleans, Louisiana [CD-ROM].

Grants and Funding Received - RUNNING TOTAL > \$2,427,859.50

2014

ULLRICH, D. R. and Pavelock, D. (2013). 2012 State FFA Leadership Development Events. Houston, TX: Houston Livestock Show and Rodeo. January 1-December 31, 2014. **\$6,500.00.**

Pavelock, D., and ULLRICH, D. R. (2013). Career and Technical Education Statewide Leadership Project. College Station, TX: Texas AgriLife Extension. June-August, 2013. **[\$20,000]**

ULLRICH, D.R. and Pavelock, D., (2013). Advanced Animal Science Professional Development Project. Texas Education Agency Perkins Grant Funding. September 1, 2014 - August 30, 2015. **[\$20,000]**

Wolfskill, L. A., Ullrich, D. R., Yildiz, F. \$3,793 from TXARNG Facility Energy Auditing Program. Texas Military Forces (TXMF) CFMO401-4-1298. Contract for energy audit of military facility (pilot program), with more facilities to be programmed in CY2014 after successful completion this first one. Includes student training and learning outcomes for 2-6 undergraduate students. **[\$3,793]**

ULLRICH, D.R., Yildiz, F., Lane. R. and [Wolfskill, A., Roucan-Kane, M., and Muller, J.] (2012). Agricultural Sustainable Energy Education Network (ASEEN). United States Department of Agriculture – NIFA – Capacity Building Grant for Non-Land Grant Colleges of Agriculture. \$693,021.00, August 2012 – August 31, 2015. –continuation [\$ previously calculated in total]

2013

Wolfskill, L. A., **Ullrich, D. R.**, Yildiz, F. \$10,616 from TXARNG Facility Energy Auditing Program. Texas Military Forces (TXMF) CFMO401-4-1298. Contract for energy audit of military facility (pilot program), with more facilities to be programmed in CY2014 after successful completion this first one. Includes student training and learning outcomes for 2-6 undergraduate students. New equipment for the department. **[\$10,616]**

ULLRICH, D. R. and Pavelock, D. (2013). 2012 State FFA Leadership Development Events. Houston, TX: Houston Livestock Show and Rodeo. January 1-December 31, 2013. **\$6,500.00.**

Pavelock, D., and **ULLRICH, D. R.** (2013). Career and Technical Education Statewide Leadership Project. College Station, TX: Texas AgriLife Extension. **\$21,978.00.** June-August, 2013.

ULLRICH, D.R. and Pavelock, D., (2013). Advanced Animal Science Professional Development Project. Texas Education Agency Perkins Grant Funding. September 1 - August 30, 2013. **\$18,254**

ULLRICH, D. (2013). CFFA support for AgEd students attending VATAT Professional Development Conference. Inner Grove Heights, MN: CHS Foundation. **\$1,000.00**. November 2009-March, 2013.

2012

ULLRICH, D.R., Yildiz, F., Lane, R. and [Wolfskill, A., Roucan-Kane, M., and Muller, J.] (2012). Agricultural Sustainable Energy Education Network (ASEEN). United States Department of Agriculture – NIFA – Capacity Building Grant for Non-Land Grant Colleges of Agriculture. **\$693,021.00**, August 2012 – August 31, 2015.

ULLRICH, D. R. and **PAVELOCK**, D. (2012). 2012 State FFA Leadership Development Events. Houston, TX: Houston Livestock Show and Rodeo. **\$6,500.00**. January 1-December 31, 2012.

Pavelock, D., and **ULLRICH**, D. R. (2012). Career and Technical Education Statewide Leadership Project. College Station, TX: Texas AgriLife Extension. **\$19,980.00**. June-August, 2012.

ULLRICH, D.R. and Pavelock, D., (2012). Advanced Animal Science Professional Development Project. Texas Education Agency Perkins Grant Funding. **\$151,000**, September 1 - August 30, 2012

2011

ULLRICH, D.R. and Pavelock, D., (2011). Advanced Animal Science Professional Development Project. Texas Education Agency Perkins Grant Funding. **\$150,000**, January 1 - August 30, 2011

ULLRICH, D. (2009). CFFA support for AgEd students attending VATAT Professional Development Conference. Inner Grove Heights, MN: CHS Foundation. **\$1,000.00**. November 2009-March, 2011.

ULLRICH, D. R. and **PAVELOCK**, D. (2011). 2011 State FFA Leadership Development Events. Houston, TX: Houston Livestock Show and Rodeo. **\$6,500.00**. January 1-December 31, 2011.

Pavelock, D., and **ULLRICH**, D.R. (2011). Career and Technical Education Statewide Leadership Project. College Station, Texas: Texas AgriLife Extension Service. **\$19,980.00**. June-August, 2011

PAVELOCK, D. , Frey, S., and Ullrich, D. R. (2011). Horticulture and Horticulture-Related Workshops. College Station, TX: Instructional Materials Service/Texas A & M University through the Texas Education Agency. **\$7,500.00**. June 16 & 18, 2011

ULLRICH, D.R. and Pavelock, D., (2011). Advanced Animal Science Professional Development Project. Texas Education Agency Perkins Grant Funding. **\$150,000**, January 1 – August 30, 2011.

2010

PAVELOCK, D. , Frey, S., and **Ullrich, D. R.** (2010). *Horticulture and Horticulture-Related Workshops*. College Station, TX: Instructional Materials Service/Texas A & M University through the Texas Education Agency. **\$7,500.00**. June 16 & 18, 2010.

ULLRICH, D. R. and PAVELOCK, D. (2010). 2010 State FFA Leadership Development Events. Houston, TX: Houston Livestock Show and Rodeo. **\$6,500.00**. January 1-December 31, 2010.

PAVELOCK, D. and **Ullrich, D. R.** (2010). *Work-Based Learning Certification Workshop*. College Station, TX: Instructional Materials Service/Texas A & M University through the Texas Education Agency. **\$5,750.00**. June 8 & 9, 2010.

Hynes, J., Johnson, D., **Ullrich, D.**, Gerber, H., Edgington, W, and Maninger, R., (2009). Professional Development in Science and Mathematics for AgriScience Teachers of Texas. USDA FUNDED **\$50,000. Ullrich 2010**

Ullrich, D. (2009). CFFA support for AgEd students attending VATAT Professional Development Conference. Inner Grove Heights, MN: CHS Foundation. **\$1,000.00**. November 2009-March, 2010.