

**DOUG R. ULLRICH, JR.**  
**Professor**  
**Department of Agricultural Sciences and Engineering Technology**  
**College of Sciences**

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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

**Texas Educator Certificate**

PROVISIONAL			
Description	Effective Date	Expiration Date	Status
Vocational General Agriculture Mechanics Grades (6 - 12)	05/10/1989	Life	<a href="#">Valid</a>
Vocational Agriculture Ornamental Horticulture Grades (6 - 12)	07/ 08/1987	Life	<a href="#">Valid</a> Grades (6
Vocational Agriculture	06/19/1986	Life	<a href="#">Valid</a>
- 12)			
Vocational Agriculture Horticulture Related CVAE	07/08/1987		
Vocational Agriculture Horticulture Related VEH	07/08/1987	Life	<a href="#">Valid</a>

Vocational Agriculture Farm & Ranch Maint/VEH Grades (6 - 12)	05/10/1989	Life	<u>Valid</u>
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**NON-RENEWABLE PERMIT**

<b>Description</b>	<b>Effective Date</b>	<b>Expiration Date</b>	<b>Status</b>
Vocational CVAE Agriculture Grades (6 - 12)	08/25/1987	08/31/1988	<u>Expired</u>

**SCHOLARLY WORKS**

**2014**

SAUCIER, P. R., Ullrich, D. R., Pavelock, D., Krysher, S. Co-

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.

## 2006

Hamilton, P., **Ullrich, D. R.**, and Pavelock, D. (2006). The old is new again: Using the Socratic teaching method in a graduate student setting. *NACTA Journal*, 50 (4). 66-67.

Hamilton, P., **Ullrich, D. R.**, and Pavelock, D. (2006). Using case studies and PowerPoint " presentations. *NACTA Journal*, 50 (4). 67-68.

Pavelock, D., **Ullrich, D. R.**, Kilcrease, L., and Hanagriff. R. D. (2006). High school counselor perceptions and awareness regarding higher education and agricultural science. *Proceedings of the 2006 CTE Research and Professional Development Conference [CD-ROM]*. pp. 82-92.

Pavelock, D., **ULLRICH, D. R.**, Pierce, L., and Bruhn. R. (2006). High school counselor awareness of agricultural science regarding the high school program, higher education and careers. *Proceedings of the 2006 Western Region Agricultural Education Research Conference [CD-ROM]*.

Hanagriff, R.D., M.M. Beverly, S.F. Kelley, **D. Ullrich**, and D. Pavelock. 2006. Assessment and Effectiveness of the Texas Public School Nutrition Policy. Submitted to *Journal of Nutrition Education and Behavior*.

Hanagriff, R. D., **ULLRICH, D. R.**, Pavelock, D., Kelley, S. F., and Beverly, M. M. (2006, October). Economic value of students' supervised agricultural experience projects in agricultural education. *Proceedings of the 2006 International Business and Economics Research Conference*. Available at <http://www.cluteinstitute.com/Programs/Las-Vegas-Nevada-October-2006/Article%20292.pdf>.

Hanagriff, R. D., Kelley, S. F., Beverly, M. M., **ULLRICH, D. R.**, and Pavelock, D. (2006, October). Assessment and effectiveness of the Texas public school nutrition policy "Square Meals". *Proceedings of the 2006 College Teaching & Learning Conference*. Available at <http://www.cluteinstitute.com/Programs/Las-Vegas-Nevada-October-2006/Article%20192.pdf>.

Hanagriff, R.D., S.F. Kelley, M.M. Beverly, **D. Ullrich**, and D. Pavelock. 2006. Assessment and Effectiveness of the Texas Public School Nutrition Policy "Square Meals". *Clute Institute For Academic Research*.

Behnke, B., M.M. Beverly, S.F. Kelley, **D. Ullrich**, D. Pavelock, and R. Hanagriff. 2006. A Description of Chapter Participation in the 2000-2005 Texas FFA Area Leadership Deve 0 Tc ( 50 Tw 4.578 0 Td ( )Tj EMC 6.3 (t)-1na)C

**Ullrich, D. R.**, Pavelock, D., Muller, J. E., & Harrell, W. R. (2005). Student demographics and safety education of students participating in the 2003 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show [CD-ROM]. Proceedings of the Southern Region Agricultural Education Research Conference. Little Rock, Arkansas. (circa 11 manuscript pages)

**Ullrich, Doug** and Pavelock (2005). Texas FFA Quiz. Materials for FFA Leadership Development Events 2004 (IMS Catalog No. 4873). College Station, TX: Texas A&M University, Instructional Materials Service.

Hanagriff, R., **Ullrich, D.**, Pavelock, D., & Beverly, M. (2005). Square Meals, Nourishing Children's Bodies and Minds: Assessment of Texas Public School Nutrition Program. Texas Department of Agriculture's 2005 Assessment Report.

Kelley, S.F., **D. Ullrich**, and R.A. Lane. 2005. Sino-American 1-2-1 Degree Program. North American Colleges and Teachers of Agriculture.

## **Grants and Funding Received - RUNNING TOTAL > \$2,430,566.50**

### **2016**

ULLRICH, D. R. and Pavelock, D. (2015). 2012 State FFA Leadership Development Events. Houston, TX: Houston Live

## 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

## 2010



**Ullrich, D.R. and Pavelock, D. (2006). Houston Livestock Show and Rodeo, Houston, Texas. The Texas FFA State Leadership Development Events. \$6500**

**Ullrich, D.R. and Pavelock, D. (2006). Texas Education Agency, Austin, Texas. Work-Based Learning Certification Workshop. Texas Education Agency. Austin, Texas. \$2,000.**

**Ullrich, D.R. and Pavelock, D. (2006). Texas Education Agency, Austin, Texas. Agricultural Mechanics Certification Workshop. Co-PI's Dwayne Pavelock, Joe Muller and Doug Kingman. \$5,000**

### **2005**

**Hanagriff, R, ULLRICH D, and Pavelock, D. (2005) Texas Department of Agriculture, Austin, Texas. Texas Department of Agriculture for State Nutrition Program Review. . \$30,000**

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Pasket, M., Pavelock, D., Anderson, M., and Ullrich, D. Are judges biased during competitive FFA events when using subjective criteria? 2015 North American Colleges and Teachers of Agriculture Annual Conference, Athens, GA. June 17, 2015.

Watson, M., Pavelock, D., Ullrich, D., Maninger, R., and Muller, J. Teaching welding: Actual vs. virtual reality. 2015 Agricultural Consortium of Texas Annual Meeting, San Marcos, TX. April 2, 2015.

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., [2014], 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 (June 2009).



Pavelock, D. and ULLRICH, D. R. (Poster). What I have done vs. what I would do... The portfolio tool. 2007 North American Colleges and Teachers of Agriculture Annual Conference, Champaign, IL (June 2007).

Pavelock, D., ULLRICH, D. R., and Shaw, B. F. (Presentation). Academic success and higher education readiness of career and technical education students. 2007 International College Teaching and Learning Conference, Mazatlan, Mexico (March 2007).

Pavelock, D., ULLRICH, D. R., and Shaw, B. F. (Presentation). Administrator perceptions of the effectiveness of career and technology student organizations (CTSOs). 2007 International Applied Business Research Conference, Mazatlan, Mexico (March 2007).

Pavelock, D., ULLRICH, D. R., and Shaw, B. F. (2007, March). Administrator perceptions of the effectiveness of career and technology student organizations (CTSOs). Proceedings of the 2007 International College Teaching and Learning Conference [Abstract]. Mazatlan, Mexico.

Pavelock, D., ULLRICH, D. R., and Shaw, B. F. (2007, March). Academic success and higher education readiness of career and technical education students. Proceedings of the 2007 International Applied Business Research Conference [Abstract]. Mazatlan, Mexico.

Pavelock, D., ULLRICH, D. R., Strauss, B., and Fleming, W (Poster). Reacting to student academic problems as a means of retention. 2008 North American Colleges and Teachers of Agriculture Annual Conference, Logan, UT (June 2008)

Pavelock, D., Largent, J., ULLRICH, D. R., Kingman, D., Muller, J. E., and Kelley, S. F. (May 2008). Demographics and extracurricular involvement of students participating in the 2007 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show: A follow-up study. Proceedings of the 2008 Annual Conference of the American Association for Agricultural Education (Abstract), Reno, NV (available on USB).

Pavelock, D., Largent, J., ULLRICH, D. R., Kingman, D., Muller, J. E., and Kelley, S. F. (Presentation). Demographics and extracurricular involvement of students participating in the 2007 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show: A follow-up study. 2008 Annual Conference of the American Association for Agricultural Education, Reno, NV (May 2008).

Pavelock, D., ULLRICH, D. R., Kingman, D. M., and Beverly, M. M. (Presentation). Do service activities really attract students? 2008 Annual Meeting of the Southern Region of the American Society for Horticultural Science, Dallas, TX (February 2008).

Pavelock, D., ULLRICH, D. R., Kingman, D. M., and Fazarro, D. E. (2008, February). Do service activities really attract students? Proceedings of the 2008 Annual Meeting of the Southern Region of the American Society for Horticultural Science [Abstract]. Dallas, TX.

ULLRICH, D. R., (Presentation). Advising Issues with Bachelors of Applied Arts and Sciences, Industrial & Agricultural Science Students. University of Texas – 2<sup>nd</sup> Annual San Antonio Advising Conference. San Antonio, TX. (September 28, 2008).

ULLRICH, D. R., Pavelock, D., Kelley, S. F., Fleming, B., Reeves, C., and Boyd, W. (2006). Student advising and mentoring – SAM Center. Proceedings of the 2006 Western Region Agricultural Education Research Conference [Poster Abstract] [CD-ROM].

Pavelock, D., ULLRICH, D. R., Pierce, L., and Bruhn, R. (Presentation). High school counselor awareness of agricultural science regarding the high school program, higher education and careers. 2006 Western Region Agricultural Education Research Conference, Boise, Idaho (April 2006).

Pavelock, D., ULLRICH, D. R., Pierce, L., and Hanagriff, R. D. (Presentation). High school counselor perceptions of agricultural science. 2006 North American Colleges and Teachers of Agriculture Annual Conference, Vancouver, British Columbia, Canada (June 2006).



Department of Agricultural Sciences

**Instructor and Graduate Assistant**

Department of Agricultural Education, Communications &

**1994-1996**