

## CURRICULUM VITAE

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### DEGREES AND CERTIFICATIONS:

**Rich Mountain Community College (RMCC)** 1989-1991. A.G.S. May 1991.

**Henderson State University (HSU)** 1991-1993. B.S.E., Biology with Chemistry minor.  
December 1993.

**Henderson State University (HSU)** 1993-1995. M.S.E., Biology. December 1995.  
Thesis: Analysis of Morphological Divergence in the Dorsal Guard Hairs of the Mammalian Family Mustelidae. Arkansas Master's Certification (Secondary) in Biology, Chemistry, Physical Science, and General Science.

**Oklahoma State University (OSU)** 1995-1999; Ph.D, Zoology. July 1999. Dissertation:  
Participation in Introductory Biology Laboratories: An Integrated Assessment Based on Surveys, Behavioral Observations, and Qualitative Interviews.

### EMPLOYMENT:

Professor:	Angelo State University, 1999 to present.
Visiting Asst. Professor:	Oklahoma State University, Summer 1999
Research Assistant:	Oklahoma State University, 1997-1999
Teaching Assistant:	Oklahoma State University, 1996-1997
Research Assistant:	Oklahoma State University, 1995-1996
Graduate Assistant:	Henderson State University, 1994-1995
Laboratory Assistant:	Rich Mountain Community College, 1989-1991

### PEER-REVIEWED PUBLICATIONS:

French, D.P. and C.P. Russell. 2006. "Improving Student Attitudes Toward Biology"  
In J.J. Mintzes and W.H. Leonard, (Eds.), *Handbook of College Science Teaching*. Chapter 2. National Science Teacher's Association. NSTA Press.

French, D.P. and C.P. Russell. 2006. "Converting Laboratories from Verification to Inquiry" In J.J. Mintzes and W.H. Leonard, (Eds.), *Handbook of College Science Teaching*. Chapter 21. National Science Teacher's Association. NSTA Press.

French, D.P. and C.P. Russell. 2002. "Do Graduate Teaching Assistants Benefit from Teaching Inquiry-Based Laboratories?" *BioScience*. 52(11): 1036-1041.

Russell, C.P. and D.P. French. 2001. "Factors Affecting Participation in Traditional and Inquiry-based Introductory Biology Laboratories as Determined by Behavioral Observations and Qualitative Interviews." *The Journal of College Science Teaching* 31(4): 225-229.

French, D.P. and C.P. Russell. 2001. "The Lecture Facilitator: An Aid to Collaboration in the Large Lecture Environment" *The Journal of College Science Teaching*. 31(2): 116-121.

Russell, C.P. and D.P. French. 2001. "Use of Ethographic Software to Evaluate Student Participation in Introductory Biology Laboratories" *The American Biology Teacher* 63(7): 491-497.

## **LABORATORY MANUALS:**

- Russell, C.P. and D.P. French. 2012 Edition. Biological Investigations: A Laboratory Resource Manual. Fountainhead Press, Fort Worth, TX.
- Russell, C.P. and D.P. French. 2011 Edition. Biological Investigations: A Laboratory Resource Manual. Fountainhead Press, Fort Worth, TX.
- Russell, C.P. and D.P. French. 2009 Edition. Biological Investigations: A Laboratory Resource Manual. Fountainhead Press, Fort Worth, TX.
- Russell, C.P. and D.P. French. 2007 Edition. Biological Investigations: A Laboratory Resource Manual. Fountainhead Press, Fort Worth, TX.
- Russell, C.P. Illustrator. Investigating Biology a Laboratory Resource Manual by D.P. French. Harcourt Brace & Company, Orlando, FL. 1998.
- Russell, C.P. *Using the Microscope*. Reference Chapter 3 in Investigating Biology a Laboratory Resource Manual by D.P. French. Harcourt Brace & Company, Orlando, FL. 1998.
- Russell, C.P. *How to Measure...* Reference Chapter 7 in Investigating Biology a Laboratory Resource Manual by D.P. French. Harcourt Brace & Company, Orlando, FL. 1998.

## **EDITORIALS:**

- Russell, C.P. 2010. Society for College Science Teachers: "Perpetually Updating" *The Journal of College Science Teaching*. 39(5): 82-83.
- Russell, C.P. 2009. Society for College Science Teachers: "it sais i have a D how that be?" *The Journal of College Science Teaching*. 39(2): 84,86.
- Russell, C.P. 2009. Society for College Science Teachers: "Farewell to a Colleague." *The Journal of College Science Teaching*. 39(1): 80,83.
- Russell, C.P. 2009. Society for College Science Teachers: "Wearing Too Many Hats" *The Journal of College Science Teaching*. 38(6): 78,80.
- Russell, C.P. 2004. Society for College Science Teachers: "Do You Need an Introductory Science Specialist?" *The Journal of College Science Teaching*. 33(7): 63-64.

## **INTERNET PUBLICATIONS:**

- Russell, C.P. 2003. "How Sweet It Is!!Conducting a Controlled Experiment" Texas Collaborative for Excellence in Teaching Preparation Course Component website:  
<http://www.sci.tamucc.edu/txcetp/cr/science/sweet/>
- Russell, C.P. 2003. "Natural Selection" Texas Collaborative for Excellence in Teaching Preparation Course Component website: <http://www.sci.tamucc.edu/txcetp/cr/science/ns/>

## **PRESENTATIONS:**

- Russell, C. P. . "First Year Experience" with Science Partnership for Undergraduate Recruitment, Retention and Success (SPURRS). Poster Presentation. 2014 NSF STEP Grantees Meeting: Identifying Best Practices. Washington D.C. March 5, 2014.
- Russell, C.P. and A.P. Smiley. Characteristics of Students Re-taking College Biology Courses at Angelo State University. NABT National Conference, Atlanta GA. November 21, 2013.

**PRESENTATIONS: (continued)**

- Smiley, A.P. and C.P. Russell. Influence of High School Biology and Mathematics Courses on the Introductory College Biology Course Success at Angelo State University. NSTA National Conference, San Antonio TX. April 11, 2013.
- Russell, C.P., K.P. Blount, P.K. Swets. “First Year Experience” with Science Partnership for Undergraduate Recruitment, Retention and Success (SPURRS). Poster Presentation. 2013 NSF STEP Grantees Meeting: Identifying Best Practices. Washington D.C. March 15, 2013.
- Russell, C.P., Nowlin, T., and A.P. Smiley. Fostering Critical Thinking for STEM Students at Risk: Nuts, Bolts and Details. 2013 NSF STEP Grantees Meeting: Identifying Best Practices. Washington D.C. March 15, 2013.
- French, D.P. and C.P. Russell. Chemical Defenses – A Scenario Approach to Teaching Integrated Concepts. NABT National Conference, Minneapolis MN, November 6, 2010.
- Russell, C.P. and C. Syverson Mercer. Building Inquiry-Based Microscopy Labs —The Case of the Missing Cockatoo. Hands-on Workshop. NABT National Conference, Minneapolis MN, November 3, 2010.
- Heath, B.D. and C.P. Russell. The Effects of Clicker Feedback on Student Success. NABT National Conference, Denver CO, November 13, 2009.
- French, D.P. and C.P. Russell. An E-Book Experience in Introductory Biology. NABT National Conference, Denver CO, November 12, 2009.
- Russell, C.P. and C. Syverson Mercer. Building Inquiry-Based Microscopy Labs. Hands-On Workshop. NABT National Conference, Denver CO, November 11, 2009.
- Russell, C.P. and C. Syverson Mercer. Assessing Inquiry-Based Microscopy Labs – Using Digital Tools to Enhance Critical Thinking. Hands-On Workshop. NABT National Conference, Denver CO, November 11, 2009.
- Heath, B.D., C.P. Russell, and J.K. McCoy. Survey of student perceptions of methods of content delivery as depicted in YouTube videos. Poster Presentation SCST Poster Session. NABT National Conference, Memphis, TN October 16, 2008.
- Russell, C.P. and C. Syverson Mercer. Inquiry-based Microscopy: The Case of the Missing Cockatoo. Hands-On Workshop. NABT National Conference, Memphis, TN October 16, 2008.
- Ayala, R. and C.P. Russell. Inquiry-based Microscopy: The Case of the Missing Cockatoo. Poster Presentation SCST Poster Session. NSTA National Conference, Boston, MA, March 29, 2008.
- Heath, B.D., C.P. Russell, and J.K. McCoy. Survey of student perceptions of methods of content delivery as depicted in YouTube videos. Poster Presentation SCST Poster Session. NSTA National Conference, Boston, MA, March 29, 2008.
- French, D.P. and C.P. Russell. Abandoning the “Quantity is Job One” Model: Innovative Strategies for Engaging Large Lecture Sections, Office of Teaching Effectiveness and Innovation Workshop (Invited Speaker). Clemson University December 17, 2007.
- French, D.P. and C.P. Russell. From Molecular to Ecosystem – Teaching Cellular Respiration in a Real World Context. NABT National Conference, Atlanta GA, November 29, 2007.

## **PRESENTATIONS: (Continued)**

- Russell, C.P. Methods in Teaching Science, Dana Center's Annual Mathematics and Science Higher Education Conference, Austin, TX October 20, 2007.
- Russell, C.P. and D.P. French. Maroon yours students to teach them Evolution: An inquiry-based activity. NSTA National Conference, St. Louis MO, March 30, 2007.
- Ballard, D.A. and C.P. Russell. "Old" vs. "New": Does it make a difference to students? NSTA National Conference, St. Louis MO, March 29, 2007.
- French, D. P. and C. P. Russell. Using Inquiry to Teach Science, Dana Center's Annual Mathematics and Science Higher Education Conference, Austin, TX October 27, 2006.
- Russell, C.P. How to "Click" with Your Students: Setting up the eInstruction Classroom Response System, eXchanging Ideas Session, Angelo State University eLearning Center. (Invited speaker). October 17, 2006.
- French, D. P. and C. P. Russell. Marooned in the Galapagos: A Scenario-Based Evolution Lesson. NABT National Conference, Albuquerque, NM, October 12 2006.
- Russell, C.P. An Introduction to Using Clickers in the Classroom, eXchanging Ideas Session, Angelo State University eLearning Center. (Invited speaker). May 11, 2006.
- French, D.P. and C.P. Russell. Formative Assessment Strategies using Clicker Systems. NSTA National Conference, Anaheim California, April 6, 2006.
- Russell, C.P. and D.P. French. Extreme Makeover Laboratory Edition: How to Transform old Confirmation Labs into Fresh New Inquiry-Based Investigations. Poster Presentation SCST Poster Session. NSTA National Conference, Anaheim California, April 6, 2006.
- Russell, C.P. and M. Druger. Results of the Society for College Science Teachers Membership Survey. Poster Presentation SCST Poster Session. NSTA National Conference, Anaheim California, April 6, 2006.
- Russell, C.P. and M. Szesze. "Rethinking Assessment" Biology Leadership Conference III Sponsored by Benjamin-Cummings. Southampton, Bermuda, March 26, 2006.
- French, D. P. and C. P. Russell. Instant formative assessment - Using "Personal Response Systems" to monitor student understanding. NABT National Convention, Milwaukee Wisconsin, October 8, 2005.
- Russell, C.P. "Assessing Inquiry-based Teaching Methods: How do you Know that They are Learning?" NSTA National Convention, Dallas Texas, March 31, 2005.
- French, D.P. and C.P. Russell. Throw Away the "Cookbook": Learning to "Cook-up" Inquiry-Based Investigations. NABT National Convention, Chicago Illinois, November 11, 2004.
- Russell, C.P. Yes, you can use multiple choice questions to assess inquiry-based learning. NSTA National Convention, Atlanta Georgia, April 1, 2004.
- Russell, C.P. Student's process of science self-efficacy: Do inquiry-based labs make a difference? An update. NABT National Convention, Portland Oregon, October 9, 2003.
- Russell, C.P. and D.P. French. Spinning a Website: Tips for Beginners. NABT National Convention, Portland Oregon, October 9, 2003.
- Russell, C.P. Instructor. TxCETP Spinning a Web Site Workshop II. Angelo State University, July 25-26, 2003.

**PRESENTATIONS:** (Continued)

- Russell, C.P. Instructor. Regional Science Collaborative Spinning a Web Site Workshop Angelo State University, June 6-7, 2003
- Russell, C.P. Instructor. TxCETP Spinning a Web Site Workshop I. Angelo State University, May 23-24, 2003.
- Russell, C.P. and D.P. French. Spinning a WebSite I: What can a website offer? NSTA/SCST National Convention Philadelphia, PA. March 27, 2003.
- French, D. P. and C. P. Russell. Spinning a WebSite II: Providing a rich content and student reactions. NSTA/SCST National Convention Philadelphia, PA. March 7, 2003.
- French, D.P. and C.P. Russell. Combining multimedia and on-line learning to promote active learning in an introductory science course. EDUCAUSE Southwest Regional Conference. February 21, 2003.
- French, D. P. and C.P. Russell. Recipe for Uncookbooking Laboratories. Poster Presentation NABT National Convention. Cincinnati, OH. October 31, 2002.
- Russell, C.P. Student's process of science self-efficacy: Do inquiry-based labs make a difference? NABT National Convention. Cincinnati, OH. November 2, 2002.
- Russell, C.P., Stebler, H., Littleton, P., and B. Bailey. "Inquiry Road Show" a workshop sponsored by the Texas Collaborative for Excellence in Teacher Preparation. Presented at the TxCETP Spring Forum May 13, 2002.
- Russell, C.P. "Effective Use of a Biology Course WebPage" a workshop sponsored by the Texas Collaborative for Excellence in Teacher Preparation. Presented at the TxCETP Spring Forum May 13, 2002.
- French, D.P. and C.P. Russell. Can Teaching in an Inquiry-based Lab Lead to TA's Becoming Better Researchers? NSTA/SCST National Convention, San Diego, CA. March 28, 2002.
- C.P. Russell. Students' Process of Science Self-Efficacy: Do Inquiry-based Labs Make a Difference? NSTA/SCST National Convention, San Diego, CA. March 28, 2002.
- French, D.P. and C.P. Russell. Converting the labs in an introductory biology course from cookbook to investigative. National Association of Biology Teachers Convention, Montreal. November 7, 2001.
- Russell, C.P., R.R. Wilke, and M. Griffin. Inquiry in the Science Classroom: Development of Inquiry\_based Learning Modules for Science Teachers. Poster Presentation. National Association of Biology Teachers Convention, Montreal. November 6, 2001.
- Russell, C.P. "Teaching Science The Way It Is Done" Second Annual Concho Valley Math & Science Conference, San Angelo, TX. October 13, 2001.
- Russell, C.P., Stebler, H., Littleton, P., and B. Bailey. "Inquiry Road Show" a workshop sponsored by the Texas Collaborative for Excellence in Teacher Preparation. Presented at the 7th Annual Texas SSI October Preservice Conference. Austin TX. October 4-6, 2001.
- Russell, C.P. and D.P. French. Inquiry in the science classroom – Tips from the trenches. Lilly Conference on Teaching and Learning, San Marcos, TX. August 3, 2001.
- Russell, C.P. Using Authorware. Invited Presentation. Verizon Summer Institute. Angelo State University Department of Education. San Angelo, TX. July 31, 2001.

- Russell, C.P. Inquiry-based Learning—Ideas You Can Take Back to Your Biology Classroom. Invited Presentation. Systemic Leadership Institute. Texas Rural Systemic Initiative. San Angelo, TX. June 19, 2001.
- French, D.P. and Russell, C.P. Inquiry in Science lab and "lecture" sections. TxCETP Inquiry Workshop for Faculty, Texas A&M University-Corpus Christi. May 17-18, 2001
- French, D. P. and C. P. Russell. A Statistical Examination of Student Achievement and Attitude in a Large-Enrollment Inquiry-Based Introductory Biology Course. NARST National Convention. St. Louis, MO. March 27, 2001
- Russell, C. P. and D. P. French Analysis of Student Behavior in an Inquiry-Based Introductory Biology Laboratory. NSTA/SCST National Convention. St. Louis, MO. March 23, 2001
- French, D. P. "Converting the Labs in an Introductory Biology Course from Cook-book to Investigative. National Association of Biology Teachers Convention", Orlando, FL October 27, 2000.
- Russell, C. P. and D. P. French. "Mid-level assessment of an inquiry-based biology course." National Association of Biology Teachers Convention, Orlando, FL October 27, 2000
- C.P. Russell. Presentation: "Inquiry-Based Learning --Ideas You Can Take Back To Your Science Classroom". The first annual Concho Valley Math & Science Conference -- "The Hands-On Classroom", Angelo State University, San Angelo, TX. October 21, 2000.
- French, D.P. and C.P. Russell. Workshop: "Interactive Multimedia Web Design using Macromedia™ Products". Oklahoma State University. Friday, August 25, 2000.
- French, D.P. and C.P. Russell. Investigative Labs in a Large-enrollment, Mixed-majors, Introductory Biology Course. National Science Teachers Association National Convention, Orlando, FL. April 6-9, 2000
- French, D.P. and C.P. Russell. An Introductory Biology Course for Majors and Non-majors Using Scenarios and Collaboration. National Science Teachers Association Regional Convention, Ft. Worth, TX. November 18-20, 1999.
- Russell, C.P. and D.P. French. Do Gender Differences Influence Collaboration Within Lab Groups? National Science Teachers Association Regional Convention, Ft. Worth, TX. November 18-20, 1999.
- Russell, C.P. and D.P. French. Teaching Assistants' Perceptions of Teaching an Inquiry-Based Laboratory. Poster Presentation. 1999 National Association of Biology Teachers Convention, Ft. Worth, TX. October 27-30, 1999.
- French, D.P. and C.P. Russell. Integrating Multimedia, Collaboration, and Inquiry into a Large, Multi-Section, Mixed-Majors Introductory Biology Course: How We Do It. 1999 National Association of Biology Teachers Convention, Ft. Worth, TX. October 27-30, 1999.
- Russell, C.P. and D.P. French. Analysis of Gender-Based Differences in Participation in Introductory Biology Laboratories. 1999 National Association of Biology Teachers Convention, Ft. Worth, TX. October 27-30, 1999.
- French, D.P. and C.P. Russell. The Whole Enchilada: Teaching an introductory course using a variety of techniques. Rules are for fools: New perspectives on Teaching and Learning. Oklahoma State University, April 1, 1999.
- French, D. P. and C.P. Russell. An introductory biology course to serve majors and non-majors: The scenario approach. 1998 National Association of Biology Teachers Convention, Reno, NV. November 4-7, 1998.

## **PRESENTATIONS: (Continued)**

- Russell, C.P. and D.P. French. The role of the lecture facilitator: grooming teaching assistants to be innovative instructors. Poster Presentation. 1998 National Association of Biology Teachers Convention, Reno, NV. November 4-7, 1998.
- Russell, C.P. and D.P. French. Do gender differences influence collaboration within lab groups? 1998 National Association of Biology Teachers Convention, Reno, NV. November 4-7, 1998.
- Russell, C.P. and D.P. French. TA Training at Oklahoma State University: The Science TA's Perspective. Poster Presentation. National Association of Biology Teachers National Convention and Exhibition, Minneapolis, MN. October, 1997.
- Russell, C.P. Analysis of morphological divergence in the dorsal guard hairs of the family Mustelidae. Department of Zoology Lunchtime Seminar, Oklahoma State University. November, 1995.
- Russell, C.P. and C.R. Tumilson. Analysis of morphological divergence in the dorsal guard hairs of the mammalian family Mustelidae. Southwestern Association of Naturalists, Centenary College, Shreveport, LA. April 1995.
- Russell, C.P. and C.R. Tumilson. Analysis of convergence in the structure of dorsal guard hairs of ecologically similar species of mammals. Southwestern Association of Naturalists, Emporia State University, Emporia, KS. April 1994.
- Russell, C.P. and C.R. Tumilson. Analysis of convergence in the structure of dorsal guard hairs of ecologically similar species of mammals. (Preliminary Data) Arkansas Academy of Science, Arkadelphia, AR. April 1993.

## **GRANTS and GRANT PROPOSALS:**

- National Science Foundation Level II Funding Grant. Submitted. July 15, 2013. Request for equipment for BIO 1481/1482 and BIO 2424. (Amaris Guardiola and Michael Griffin, Co-PI) (\$47,668.00) FULLY FUNDED.
- National Science Foundation. Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) Grant: "Students in Transition: Achievement, Recruitment, and Retention Scholarships (STARRS)". Resubmitted August 11, 2011. (\$599,985) (Steven Klein, Sara Weertz, and Sarah Logan Co-PI). Unfunded.
- National Science Foundation. Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) Grant: "Students in Transition: Achievement, Recruitment, and Retention Scholarships (STARRS)". Resubmitted August 11, 2010. (\$598,273) (Steven Klein, Sara Weertz, and Sarah Logan Co-PI). Unfunded.
- National Science Foundation Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) Grant (Type 1A): "Angelo Science Partnership for Undergraduate Recruitment, Retention, and Success (SPURRS)" Submitted September 30, 2008. (\$999,296) (J.K. McCoy, J. Osterhout, A. Wallace, and P. Swets Co-PI) FULLY FUNDED
- National Science Foundation. Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) Grant: "Students in Transition: Achievement, Recruitment, and Retention Scholarships (STARRS)". Submitted August 12, 2008. (\$594,800) (P. Swets, L. Wheeler, S.L. Neste and L. Moore. Co-PI) Unfunded. Resubmitted August 14, 2010.
- National Science Foundation Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) Grant (Type 1A): "Angelo Science Partnership for Undergraduate Recruitment, Retention, and Success (SPURRS)" Submitted September 18, 2007. (\$999,966) (J.K. McCoy, G.E. Shankle, A. Wallace, and P. Swets Co-PI) Unfunded. Resubmitted September 30, 2008. Unfunded.
- Angelo State University President's Circle Enrichment Grant: "Facilitating Behavioral Data Collection" Submitted March 9, 2005. Funded for \$3445.

## **GRANTS and GRANT PROPOSALS: (Continued)**

National Science Foundation Course, Curriculum and Laboratory Instruction, Adaptation and Implementation Track Grant: "Infusing Technology into Inquiry-based Biology Laboratories and

Development of a Learning Resources Center at Angelo State University" Submitted December 2, 2004. (\$187,362) (M.T. Griffin, D.S. Marsh, and R.R Wilke Co-PI). Unfunded.

National Science Foundation Course, Curriculum and Laboratory Instruction, Adaptation and Implementation Track Grant: "Infusing Technology into Inquiry-based Biology Laboratories at Angelo State University" Submitted-November 26, 2003. (\$197,630) (M.T. Griffin, D.S. Marsh, and R.R Wilke Co-PI). Unfunded.

Texas Collaborative for Excellence in Teacher Preparation subcontract grant : "Spinning a Web Site—Tools for New Weavers". Summer 2003. (\$18,497)

Angelo State University Technology Development Grant: Project--"Development of Shared, Multimedia-based Biology Content Modules" Summer 2003 (\$10,000) (M.T. Griffin Co-PI).

Texas Collaborative for Excellence in Teacher Preparation subcontract grant "Inquiry in the Science Classroom: Development of Inquiry-based Learning Modules for Science Teachers". Summer 2001 (\$24,370) (R.Russell Wilke and Michael Griffin Co-PI)

University Technology Committee Technology Project Proposal. "Creating a Positive Learning Environment for ALL Students: Integrating Multi-Media Technology into Biology Curricula". Spring 2001. (\$23, 214) (R. Russell Wilke, Co-PI)

Angelo State University Faculty Development and Enrichment Program and Project. "Development of Inquiry-based Laboratories to Enhance Bio 1301 Principles of Biology" Summer, 2001. (\$7791.48)

Angelo State University Technology Development Grant: Development of an Interactive Course Web-site for Introductory Biology. Summer, 2000. (\$6,200).

Angelo State University Faculty Development Grant: Development of Shared, Multimedia-based Biology Content Modules. (\$9,000) (Co-PI: M. Griffin) Grant declined to accept Technology Development Grant (above).

OSU/Assessment: Mid-level Assessment of Students Completing an Inquiry-based Introductory Biology Course at OSU. 2000 (1yr.; \$8,850) (Co-PI: D.P. French)

Henderson State University Undergraduate Research Committee: The Effect of Age, Sex, and Ethnicity on Students' Attitude Toward Science. (1yr.; \$300) 1994.

## **GRADUATE and UNDERGRADUATE RESEARCH:**

Smiley, Amanda. "Influence of High School Biology and Mathematics Courses in the Introductory Biology Course Success at Angelo State University". Thesis Defense. June, 2013.

Jensen, Julie. "The Effect of Lab Length on Attention and Performance in a Non-Major's Science Class". August 2012.

Heath, Brittany. "Effects of Clicker Feedback on Student Success". Thesis Defense November 9, 2009.

Ballard, David. "Motivation, Self-Efficacy and Learning Strategies of Students Enrolled in Principles of Biology at Angelo State University". Thesis Defense April 9, 2007.

Regan, Erin. "Efficacy of Online Instruction". Graduate Research Paper. Spring 2010.

Ayala, Robert. "Mastery of microscopy skills using different instructional methods". Graduate Research Paper. Spring 2008.



Jensen, Julie. Hermaphroditism in the Class Gastropoda. Undergraduate Research Paper.  
Fall 2007.

### **COURSES TAUGHT:**

Fall 1999-Present: Principles of Biology, General Zoology, Advanced Instructional Methods in Science Education (Course created as a methods course for students who desire to teach at the college level) Human Biology (non-majors), Human Anatomy, General Physiology, Graduate Seminar “Human Evolution”, “How We Believe”, “Sex in the Future”, and “Superfreakonomics” –Angelo State University  
Summer 1999: BIOL 1114 Introductory Biology–Oklahoma State University  
Fall 1996-Fall 1997: General Physiology Laboratories–Oklahoma State University  
Summer 1996: BIOL 1114 Introductory Biology Laboratory–Oklahoma State University  
Spring 1996: Microbiology Laboratories–Oklahoma State University  
Spring 1994-Spring 1995: Introductory Biology Laboratories–Henderson State University.

### **HONORS AND AWARDS:**

2007. Commencement Speaker Rich Mountain Community College Spring Convocation.  
2004. Angelo State University Teaching Excellence Awardee  
2001. Selected as Rich Mountain Community College’s Outstanding Alumni representative for 2001-2002  
1993. Graduated Magna Cum Laude, Henderson State University  
1993. Third Place presentation, Undergraduate Competition, Arkansas Academy of Science, Arkadelphia, AR.  
1993. Basford Scholarship–Outstanding Biology Undergraduate.  
1992. American Business Women of America Scholarship.  
1991. Recipient of the President’s Scholarship–Rich Mountain Community College.

### **PROFESSIONAL AFFILIATIONS**

Member National Association of Biology Teachers (NABT)  
Chair–4-Year College Section (NABT) 2005-2006  
Immediate Past Chair – 4-Year College Section (NABT) 2006-2007  
Member 4-Year College Section Faculty Preparation Committee (NABT) 2005-2007  
Member 4-Year College Section Convention Committee (NABT) 2002-2005  
Member National Science Teachers Association (NSTA)  
Member Society for College Science Teaching (SCST)(an NSTA affiliate)  
Councilor-at-Large: Chair the Outstanding Undergraduate Science Teacher Award (OUSTA) as the representative for the Executive Board SCST 2001-2005  
Membership Chair Executive Board SCST 2005-2007  
President-Elect Executive Board SCST 2007-2009  
President Executive Board SCST 2009-2011  
Past-President Executive Board SCST 2011-2013