CUMULATIVE BIBLIOGRAPHY ABSTRACTS

Regional, National, and International Scientific Meetings (TTU/HHMI and NSF-REU Fellows in bold.) (If student attended meeting, their name is underlined as well.) (Abstracts from local research presentations are not included.)

- <u>Abraham, Lesley</u>, A. manukyan, H. Dungrawala, H. Hua, J. Yang, and B. Schneider. Isolation and characterization of novelcell size mutants in *S. cerevisiae*. Texas Tech University Undergraduate Research Conference. Lubbock, Texas 29 March-1 April 2010.
- <u>Aburto, Ricardo</u>, and J.A. Colmer-Hamood. Purification of VCER, the regulator of the VCE operon, and electromobility shift assays for characterization of VCER function. Society for Advancement of Chicanos and Native Americans in Science National Conference, Denver, Colorado. 21-24 October 2005.
- Ahmed, Nafisa, Omar M. Shoukfeh, and J.A. Carr. Distribution of corticotropin-releasing hormone-like immunoreactivity in the brain of the Texas toad, *Bufo speciosus*. Society for Integrative and Comparative Biology Annual Meeting, New Orleans, Louisiana. 5-9 January 2004.
- Ahmed, Nafisa, Omar M. Shoukfeh, and J.A. Carr. Distribution of corticotropin-releasing hormone-like immunoreactivity in the brain of the Texas toad, *Bufo speciosus*. 2nd
 Biennial West Texas Regional Neuroscience Poster Gallery, TTUHSC, Lubbock, Texas. 22 November 3 December 2004.
- Amor, Y., D.P. Delmer, C.H. Haigler, <u>Sarah Johnson</u>, and <u>Melody Wainscott</u>. Synthesis of cellulose and callose in cotton fibers via a coupled reaction involving sucrose synthase. Annual Meeting of the American Society of Plant Physiologists, Charlotte, North Carolina. 29 July-2 August, 1995. *Plant Physiology* (Supplement) **108**: 123.
- <u>Anderson, Matthew</u>, J.A. Colmer, A.N. Hamood, and J.A. Fralick. Studies on OrfX, a component of the *Vibrio cholerae* VceAB MDR efflux pump. XV Lost Pines Conference, Science Park-Research Division, Smithvelle, Texas. 8-10 October 1999.
- **Anderson, Matthew**, J.A. Colmer, A.N. Hamood, and J.A. Fralick. Studies on the *Vibrio cholerae*. American Society for Microbiology 100th General Meeting, Los Angeles, California. 21-25May 2000.
- Attaya, Eman N., J.A. Colmer, B. Swanson, and A.N. Hamood. Analysis of the PTXS gene in *Pseudomonas* and other gram-negative bacteria. 13th Annual Undergraduate Research Symposium Graduate School of Biomedical Sciences, Galveston, Texas. 3-5 March 1999.

- Attaya, Hesham N., C.A. Hudson, J.D. Rojas, C.J. Meininger, G. Wu, and R. Martinez-Zaguilan. Plasmalemmal vacuolar type H⁺-ATPase (pmV-ATPase) in microvascular endothelial cells is regulated by protein kinase C (PKC) and calmodulin kinase (CaM-K) Experimental Biology 2000, San Diego, California. 15-18 April 2000. *FASEB Journal* 14: A357.
- Attaya, Hesham, G.M. Martinez, R.P. Gada, and R. Martinez-Zaguilan. Human metastatic pancreatic cancer cells express plasmalemmal vacuolar type proton ATPase (pmV-ATPase). Experimental Biology 2001, Orlando, Florida. 31 March-4 April 2001. *FASEB Journal* **15**: A447.
- Attaya, Hesham. N., C. Mieninger, G. Wu, and R. Martinez-Zaguilan. Ca2+ release from endososmes/lysosomes (E/L) contribute to their fusion with plasma membrane during angiogenesis. Experimental Biology 2002 New Orleans, Louisiana. 20-24 April. *FASEB Journal* 16: A1155.
- Attaya, Hosam, H. Abdel-Mageed, M. Fokar, Y. Sun, P. Reddy, and R. Allen. Role of the brassinosteriod-specific regulatory factor BZR1 in cotton fiber development. Beltwide Cotton Conference. San Antonio, Texas. 4-6 January 2006.
- Attaya, Mohamed N., Hesham N. Attaya, G.M. Martinez, C.J. Meininger, G. Wu, and R. Martinez-Zaguilan. Protein kinase C activates plasmalemmal vacuolar type proton ATPase (pmV-ATPase) in microvascular endothelial cells. Experimenal Biology 2003, Translating the Genome, San Diego, California. 11-15 April 2003
- Attaya, Mohammed N., D. Maiti, S.R. Sennoune, Hesham N. Attaya, K. Bakunts, and R. Martinez-Zaguilan. Endosomes/lysosomes (E/L) insert V-ATPase in to the plasma membrane for cell migration. Experimental Biology 2004, Washington, D.C. 17-21 April 2004.
- **Babb, Michelle** and C.H. Haigler. Exploration of a role for sucrose phosphate synthase in cellulose synthesis during secondary cell wall deposition. The Annual Meeting of the American Society of Plant Physiologists, San Diego, California. 15-19 July 2000.
- Baker, R.J. <u>Amanda J. Wright</u>, <u>Lara E. Wiggins</u>, M.J. Hamilton, R.K. Chesser, M.H. Smith, M.D. Lomakin, and R.A. Van Den Bussche. Unusual patterns of codon substitutions in the cytochrome *b* gene in *Microtus epiroticus* and *Microtus arvalis* from near reactor 4, Chornobyl, Ukraine. Annual Meeting American Society of Mammalogists, Burlington, Vermont. 20-24 June 1995.
- **Balch, Joshua**, Z. Du, and L. Gollahon. Investigation of key components of cellular immortalization: a possible correlation with telomere lengths. 18th National Conference on Undergraduate Research, Indianapolis, Indiana, 15-17 April 2004.

- Barabote, R. <u>Kalisa Myers</u>, **Jennifer Cole**, J. Fralick, and M.J. San Francisco. The TolC homologue of *Erwinia chrysanthemi* EC16. Molecular Plant-Microbe Interactions 10th International Congress. University of Wisconsin-Madison, Madison Wisconsin. 10-14 July 2001.
- **Bennett, David C.**, S. Sanka, G. Tasby, C.J. Meininger, G. Wu, D.E. Wesson, and R. Martinez-Zaguilan. Ca²⁺ homeostasis in microvascular endothelial cells from an insulin-dependent diabetic model is altered: role of endosomes/lysosomes. Experimental Biology 99, Washington, D.C. 17-21 April 1999. *FASEB Journal* **13**: A1035.
- <u>Bickham, Amy L</u>, J.K. Wickliffe, C.W. Matson, B.E. Rodgers, R.K. Chesser, and R.J. Baker. Comparison of haplotype frequencies in the control region of the mitochondrial genome at Chornobyl. 18th Annual Meeting of the Texas Society of Mammalogists, Junction, Texas. 18-20 February, 2000.
- Bickham, Amy L., J.K. Wickliffe, C.W. Matson, B.E. Rodgers, R.K. Chesser, and R.J. Baker. Comparison of haplotype frequencies in the control region of the mitochondrial genome of the bank vole (*Clethriomnomys Glareolus*) at Chornobyl. 80th Annual Meeting American Society of Mammalogists, Durham, New Hampshire. 17-21 June 2000
- **Bickham, Amy L.**, J.K. Wickliffe, C.W. Matson, B.E. Rodgers, R.K. Chesser, and R.J. Baker. Comparison of haplotype frequencies in the control region of the mitochondrial genome of the Bank Vole at Chornobyl. Fourth Annual Conference of the Scientific, Technical, and Social Aspects of Chornobyl NPP Closure, International Chornobyl Center, Slavutych, Ukraine. 26-29 September, 2000.
- **Bickham, Amy L.**, J.K. Wickliffe, B.E. Rodgers, R.K. Chesser, S. Gaschak, and R.J. Baker. Somatic mutation frequencies in transgenic big blue mice exposed to Chernobyl radiation. *Environmental and Molecular Mutagenesis*. 31 January 2002.
- **Bickham, Amy L.**, J.K. Wickliffe, B.E. Rodgers, R.K. Chesser, S. Gaschak, and R.J. Baker. Somatic mutation frequencies in transgenic big blue mice exposed to Chornobyl radiation. Texas Society of Mammalogists 20th Annual Meeting, Texas Tech University Center at Junction, Texas. 15-17 February 2002.
- **Bickham, Amy L.**, M. Bondarkov, S.P. Gaschak, C.W. Matson, B.E. Rodgers, J.K. Wickliffe, R.K. Chesser, and R.J. Baker. Consequences of polluted environments on population structure: the bank vole (*Clethrionomys glareolus*) at Chornobyl. American Society of Mammalogists 81st Annual Meeting, The University of Montana, Missoula, Montana. 16-19 June. 2001.
- Blanton, R.L., M.J. Grimson, **Megan E. Bonner**, and C.H. Haigler. Changes in patterns of cellulose deposion, cell motility, and membrane protein organization during stalk cell differentiation in *Dictyostelium discoideum*. Dicty'96: International *Dictyostelium* Conference, Sendai, Japan.

- Blanton, R.L., M.J. Grimson, and **Thomas A. Kerr**. Patterns of cellulose deposition by *Dictyostelium discoideum* during normal and abnormal development and in stalk cell monolayer cultures. Dicty 95, International *Dictyostelium* Conference, Dourdan, France. 25-30 June 1995. p. 131.
- **Bratcher, Jason M**. Developmental regulation of MAP4 expression in the neonatal rat heart. Eleventh National Conference on Undergraduate Research, Austin, Texas, 24-26 April 1997. Abstract No. 0386.
- **Brown, Cary L.** and J.A. Carr. Characterization of fluorescein conjugated alpha-MSH as a tool for labeling melanocortin receptors. The Society for Integrative and Comparative Biology, Atlanta, Georgia, 4-8 January, 2000. *American Zoologist* **39**: 28A.
- **Brown, Cary L.** and J.A. Carr. Physiological control of a background adaptation in *Bufo*. Western Regional Conference on Comparative Endocrinology, Corvallis, Oregon. 24-25 March 2000.
- **Brown, Cary L.** Labeling melanocortin receptors. National Collegiate Honors Council 35th Annual Meeting, Washington, D.C., 18-22 October 2000.
- **Bulin, Sara E.**, L. Jiang, J.A. Carr. Co-localization of sauvagine and arginine vasotocin in the toad hypothalamus. SICB 2007 Annual Meeting. Phoenix, Arizona, 3-7 January 2007.
- <u>Campos, David</u>, P. Kurkure, R. Lackey, M. Brashears, E. Karunasena. Quantification of *Mycobacterium avium* subspecies *Paratuberculosis* (MAP) from infected animals fed a direct-feed microbial (DFM) to reduce the onset of Johne's disease: A murine model to evaluate probiotic intervention in reducing gastrointestinal disease. SACNAS National Conference, Anaheim, California. 30 September 3 October 2010.
- <u>Campos, David</u>, D. Huang, J. Sebastian, and J-Y Lee. An investigation to identify transcription factors that regulate radial root growth in *Arabidopsis* and radish. SACNAS National Conference, San Jose, California. 27-30 October 2011.
- <u>Cañas, Jaclyn E.</u>, Crocodiles. National Collegiate Honors College 35th Annual Conference, Washington, D.C., 18-22 October 2000.
- Carr, J.A., Cary L. Brown, R. Mansouri, and S. Venkatesan. Stress-related neuropeptides and prey-catching behavior: melanocortins influence what the toad's eyes tell the toad's brain. 21st Annual Winter Neuropeptide Conference, Breckenridge, Colorado, 29 January-1 February, 2000. *Regulatory Peptides* 86: 57.
- Carr, J.A., <u>Sara E. Bulin</u>, L. Jiang. Response of the amphibian sympathetic nervous system to CRF: in vivo and in vitro studies. SICB 2007 Annual Meeting. Phoenix, Arizona, 3-7 January 2007.

- Carpenter, A.M., Y.S. Kim, **Kimberly J. Gregg**, and J.A. Carr. Influence of ACTH/MSH peptides and corticosterone on habituation of prey-catching behavior in the great plains toad, *Bufo cognatus*. Annual Meeting American Society of Zoologists. 1994. *American Zoologist* **34**: 18A.
- Cheung, T.L., **Sharron M. Shepherd**, and Daniel Hardy. Intra-species variants of human zonadhesin. The Third International Symposium on the Molecular and Cellular Biology of the Egg and Embryo Extracellular Matrix, Lake Tahoe, California. 27 August-1 September 2000.
- Clingan, R.C., V. Tonk, <u>Jesse M. Olmedo</u>, and H.F. Janssen. Comparison between osteogenic sarcoma tumor cell chromosome number and cell DNA content. Annual Meeting of the Southwestern Section of the Society for Experimental Biology and Medicine. Fort Worth, Texas. 20-21 October 1995.
- <u>Clinton, Allie P.</u>, R.D. Bradley, M.L. Milazzo, and C.F. Fulhorts. Genetic characterization and natural host relationships of Muleshoe virus in north Texas and western Oklahoma 1st Annual Texas Tech Biological Sciences Symposium. Lubbock, Texas, 5-7 Febraury 2010.
- <u>Clinton, Allie P.</u>, R.D. Bradley, M.L. Milazzo, and C.F. Fulhorts. Genetic characterization and natural host relationships of Muleshoe virus in north Texas and western Oklahoma. Texas Society of Mammalogists 28th Annual Meeting. Texas Tech University Center at Junction, Texas. 26-28 February 2010.
- <u>Clinton, Allie P.</u>, C. Watters, and K. Rumbaugh. Developing new strategies for combating chronic wound infections. Vaccine Development: A Shot in the Dark, TTUHSC Student Research Week, Lubbock, Texas. 2-4 March 2011.
- <u>Clinton, Allie P., Stephanie DeLeon</u>, J. Chavez, Y. Mechref, K. Rumbaugh. Inhibition of quorum sensing in a cound-like environment prevents *Pseudomonas aeruginosa* from killing *Staphylococcus aureus*. TTUHSC Student Research Week, Lubbock, TX 4-6 March 2013.
- <u>Coleman, Brent N.</u>, R.D. Wolcott, and J.A. Fralick. Rapid detection of biofilm in wounds using phage display. 1st Texas/Evergreen Phage/Virus Genomics and Ecology Meeting. Kingsville, Texas. 12-16 May 2006.
- <u>Cortinas, Abel B.</u> and S. Vanapalli. Microfluidic separation of blood plasma using bifurcated channels. Institute of Biological Engineering 2010 Annual Conference. Cambridge, Massachusetts. 4-6 March 2010.
- <u>Cortinas, Abel. B.</u>, and M.J. Green. Flow-aligned praphene/PVA nanocomposite films.

 American Institute of Chemical Engineers 2011 Southwest Regional Conference, Texas A&M University, College Station, Texas. 25-27 March 2011.

- Cox, S.B., M.R. Willig, D.L. Moorhead, and <u>Susan Harrell</u>. Functional diversity of aquatic bacteria in playa lakes: physical, chemical, biological, and biocidal correlates. Annual Meeting of the Ecological Society of America, Snowbird, Utah. 30 July-3 August 1995. *Bulletin of the Ecological Society of America* (Supplement) **76**: 54.
- <u>Cowey, C. Lance</u>, R.A. Bartsch, and B. Amiri-Eliasi. Synthesis of new proton-ionizable lariat ethers. 217th American Chemical Society National Meeting, Anaheim, California. 21-25 March 1999.
- <u>Crowley, Lesley</u> and M.A. Houck. The immune response of the blowfly, *Calliphora vicina*. Upon administered insult by *Escherichia coli*. 2000 Joint Annual Meeting of the Entomological Society of America and Canada, Montreal, Quebec, Canada. 3-6 December 2000.
- <u>Cueva, Angel</u>, O. Zhang, and K. Zhang. Purification of sphingosine kinase A, a potential drug target in *Leishmania* parasites. SACNAS National Conference, San Jose California. 27-30 October 2011.
- <u>Cueva, Angel</u>, M. Pawlowic, and K. Zhang. Phospholipid biosynthesis in *Leshmania* parasites. SACNAS National Conference, Seattle, Washington. 11-14 October 2012.
- <u>Dabovich, Leslie, Lindsey Hulbert, Anthony Rudine,</u> S. Kim, F. Ji, and J. McGlone. Evaluation of nutriceutical effects on pig immunity: effects of Promax. American Society of Animal Science Southern Section, Mobile, Alabama, 31 January-4 February 2003.
- <u>DeLeon, Katrina</u>, C. Watters, and K. Rumbaugh. Developing a diabetic, chronic-wound mouse model to study bacterial biofilm infections. American Society for Microbiology Texas and South Central Branch Annual Meeting, Austin, Texas. 9-11 November 2008.
- <u>**DeLeon, Katrina**</u>, C. Watters, and K. Rumbaugh. A diabetic, chronic-wound mouse model to study *P. aeruginosa* biofilm infections. Molecular Pathways of Cancer 21st Annual TTUHSC Student Research Week. Lubbock, Texas, 3-6 March 2009.
- <u>Deleon, Stephanie</u>, K. Rumbaugh, and <u>Allie Clinton</u>. Interactions of *Pseudomonas aeruginosa* and *Staphylococcus aureus* in dual-species biofilms. SACNAS National Conference, San Jose, California. 27-30 October 2011.
- Delmer, D.P., Y. Amor, C.H. Haigler, <u>Melody Wainscott</u>, and <u>Sarah Johnson</u>. The potential role of a membrane-associated form of sucrose synthase in synthesis of cellulose. Annual Meeting of the American Society of Plant Physiologists, Charlotte, North Carolina. 29 July-2 August 1995. *Plant Physiology* (Supplement) **108**: 8.
- Delmer, D.P., Y. Amor, **Sarah Johnson**, **Melody Wainscott**, and C.H. Haigler. Discovery of a membrane-associated form of sucrose synthase and its potential role in β-glucan synthesis in plants. Seventh Cell Wall Meeting, Santiago de Compostela, Spain. September 1995.

- Dipersio, J.R., R.D. Rolfe, **B. Headd**, and G. Valkirs. Clinical evaluation of the Triage glutamate dehydrogenase assay as an aid in the diagnosis of *Clostridium difficile*-associated diarrhea. 98th General Meeting of the American Society for Microbiology, Atlanta, Georgia. 17-21 May 1998.
- Duarte, Xochitl and Alan Neely. Functional role of the calcium channel β subunit. National Conference of the Society for Advancement of Chicanos and Native Americans in Science, Washington, D.C. 8-11 October 1998.
- Dungrawala, H.M., J. Yang, A. Manukyan, H. Hua, <u>Lesley Abraham</u>, W. Lane, H. Mead, and B. Schneider. Size is a major determinant of cellular lifespan. 10th Biennail Meeting on the Cell Cycle. Cold Springs Harbor, New York, 18-22 May 2010.
- Dungrawala, H., J. Wright, H. Hua, <u>Lesley Abraham</u>, K. Adams, T. Kasemsri, and B. Schneider. Cell cycle control in aging: A new insight. Cell Growth and Proliferation Gordon Research Center, University of New England, Biddeford, Maine. 25-26 June 2011.
- **Dupler, Kari**, S. McMurry, L. Smith, and M. Gutierrez. Influence of land use on body size and splenic cellularity in *Spea bobmifrons* and *S. Multiplicata*: linkage of ecology and immunology. SETAC North American 26th Annual Meeting. Baltimore, Maryland. 13-18 November 2005.
- <u>Durish, Nevin, D.</u>, R.D. Bradley, and W.C. Kilpatrick. Molecular systematics of the *Peromyscus truei* species group. Texas Society of Mammalogists 21st Annual Meeting, Junction, Texas, 23 February 2003.
- **<u>Durish, Nevin D.</u>**, F. Mendez-Harclerode, C. Fulhorst, and R.D. Bradley. Spatial distribution of maternal pahlotypes of *Neotoma micropus*: a GIS perspective. Texas Society of Mammalogists 22nd Annual Meeting, Junction, Texas, 20-22 February 2004.
- <u>Durrer, Katherine</u>, C.L. Shen. Differential apoptotic effects of conjugated linoleic acids on human prostate cancer cells. Experimental Biology 2005, San Diego, California. 31 March 5 April 2005.
- <u>Durrer, Katherine</u>, C.L. Shen. Effect of CLA on IL-6 production of osteoblastic-like cells treated with human prostate cancer conditioned media. The FASEB Journal, San Francisco, California. 1-5 April 2006.
- Edwards, Dana C., J.R. Hickox, and D.M. Hardy. Sturcture and function of zonadhein, an adhesion molecule in sperm membranes. Society for Experimental Biology and Medicine Southwest Section, San Antonio, Texas. 17-18 October 1997. p. 19.

- Elmore, Amy R., A.M. Carpenter, M.M. D'Souza, S.L. Bilimoria, and J.A. Carr. Opiod-cathcholamine interactions in PC12 cells. Eleventh National Conference on Undergraduate Research, Austin, Texas, 24-26 April 1997. Abstract No. 1258.
- Elmore, Amy R., A.M. Carpenter, M.M. D'Souza, S.L. Bilimoria, and J.A. Carr. 1996. A model for studying opioid-catecholamine interactions in the CNS. Annual Meeting of the Society for Integrative and Comparative Biology, Albuquerque, New Mexico. 26-30 December 1996. *American Zoologist* 36: 100A.
- Early, A., M.J. Grimson, **Thomas A. Kerr**, M.W. Melkus, A. Morrison, J.G. Williams, and R.L. Blanton. *Dictyostelium* morphogenesis in the absence of two major extracellular matrix proteins. International *Dictyostelium* Conference, Dundee, Scotland. 30 July-4 August 2000.
- Estrata, Mayra, M. San Francisco, and A. Moss. Extracellular proteases produced by the amphibian pathogen *Batrachochytrium dendrobatidis* and their effects on the model organism *C. elegans*. SACNAS National Conference, Anaheim, California. 30 September 3 October 2010.
- **Ferguson, Tyler C.**, and P.J. Syapin. Regulation of microglial chemotaxis by C1-channel blockers, astrocytes, and EtOH. Molecular Pathways of Cancer 21st Annual TTUHSC Student Research Week. Lubbock Texas, 3-6 March 2009.
- <u>Foresman, Ryan</u>, N. Hsia, and G.A. Cornwall. CRES4, a new member of the CRES (cystatin-related epididymal spermatogenic) subgroup of family 2 cystatins. American Society of Andrology 29th Annual Meeting, Baltimore, Maryland, 17-20 April 2004.
- Freeman, T., **Craig McMullen**, M. Melkus, and M. San Francisco. Characterization of the galacturonate permease gene (exuT) of *Erwinia chrysanthemi* EC16 gene products and relevance. Annual Meeting of the American Phytopathological Society, Albuquerque, New Mexico. 6-10 August 1994. *Phytopathology* **84**: 1110.
- Galliher, Mayatia H., M.R. Willig, R.D. Owen, S.J. Presley, and C. López-González.

 Geographic variation and sexual dimorphism in *Artibeus lituratus* from Paraguay. Annual Meeting of the Southwestern Association of Naturalists, Albuquerque, New Mexico. April 1998.
- Galliher, Maya H., M.R. Willig, R.D. Owen, S.J. Presley, and C. Lopez-Gonzalez. A morphometric analysis of *Artibeus lituratus* from Paraguay: geographic variation and sexual dimorphism. 78th Annual Meeting of the American Society of Mammologists, Blacksburg, Virginia. 6-10 June 1998.
- Garcia-Cowden, Karen D., C.-L. Shen, and B.C. Pence. Increasing levels of PHIP in the diet alter the activity of heterocyclic amine metabolizing enzymes in liver, stomach, and colon of female Sprague-Dawley rats. National Conference of the Society for Advancement of Chicanos and Native Americans in Science, Washington, D.C. 8-11 October 1998.

- <u>Geryk, Mandy</u>, and I. Urbatsch. An efficient approach to place mutant genes in an expression vector. American Chemical Society Division of Chemical Education, San Diego, California. 13-17 March 2005.
- <u>Golden, Marcel P.</u>, J. Simoni, and D.E. Wesson. Oxidative degradation of acellular hemoglobin in plasma of chronic renal failure patients. The University of Texas Medical Branch, Sixteenth Annual Undergraduate Research Symposium "Science At Its Best", Galveston, Texas. 28 February-1 March 2002.
- Gonzalez, Adam, L. Westfall, and A. Hamood. The *Pseudomonas aeruginosa* regulatory protein PtxS: the carbosyl terminus region is involved in PtxS binding to its target sequence. The University of Texas Medical Branch, Sixteenth Annual Undergraduate Research Symposium "Science At Its Best", Galveston, Texas. 28 February-1 March 2002.
- <u>Gonzalez, Adam</u>, L.W. Westfall, and A.N. Hamood. The *Pseudomonas aeruginosa* regulatory protein PtxS: the carboxyl terminus region is involved in PtxS binding to its target sequence. American Society for Microbiology Texas Branch, Spring Meeting, Junction, Texas. 21-23 March 2002.
- Griswold, J., M. Penturf, S. O'Banion, S. Fullwood, and <u>Monica Roberson</u>. Phospholipase A-2 inhibition improves survival after stress. Experimental Biology 94, Parts I and II, Anaheim, California. 24-28 April 1994. *FASEB Journal* **8**(4-5): A411.
- <u>Gross, Brandon A.</u>, <u>Jeremy P. Weaver</u>, D. Rodriguez, M. Venegas-Anayual and L.D. Densmore. Testing the phylogenetic utility of 40 microsatellites on Morelet's and American crocodiles. 20th Working Meeting of the Crocodile Specialist Group, Manaus, Brazil. 13-17 September 2010.
- <u>Guerrero, Noemi</u>, and H. Shi. Identification of genetic loci important for the gene regulation of *AtERF3*. 9th Annual Texas National McNair Scholars' Research Conference. Denton, Texas. 16-18 February 2007.
- <u>Guerrero, Noemi</u> and H. Shi. Identification of genetic loci important for the gene regulation of *AtERF3*. Plant Biology & Botany 2007. Chicago, Illinois. 7-11 July 2007.
- <u>Guerrero, Noemi</u>, and H. Shi. Identification of genetic loci important for the gene regulation of AtERF3. 10th Annual Texas National McNair Scholars' Research Confernece. San Antonio, Texas 15-17 February 2008.

 Reported in Phase V, Year 2 Annual Report.
- Guo, D., M. Venkatramesh, Z. Jia, A.T. Mangla, W. Zhou, B.C. McCourt, M. Lopez, B.K. Pellam, **Janel D. Short**, Y. Cui, and W.D. Nes. Mechanistic studies on sterol biomethylation reactions. AOCS Annual Meeting and Expo, Indianapolis, Indiana. 28 April-1 May 1996.

- <u>Hacker, Callenda A.</u>, A.S. Crosthwait, and H.F. Janssen. Anatomy and physiology of the venous valve. Society for Experimental Biology and Medicine Southwest Section, San Antonio, Texas. 17-18 October, 1997. p. 16.
- <u>Hacker, Callenda A.</u> and H.F. Janssen. Development and testing of an inexpensive cell culture technique. Society for Experimental Biology and Medicine, The University of Texas Medical Branch, Galveston, Texas. 26-27 February 1999.
- <u>Hacker, Callenda A.</u> and H.F. Janssen. Reducing the risk of deep venous thrombosis by the prevention of venous stasis: The effect of vein compression vs. increased blood flow. Society for Experimental Biology and Medicine, The University of Texas Medical Branch, Galveston, Texas. 26-27 February 1999.
- <u>Hacker, Callenda A.</u>, D.L. Morgan, R.C. Clingan, and H.F. Jansen. Flow cytometry analysis of two osteogenic sarcoma cell lines with different metastatic potential. Experimental Biology 99, Washington, D.C. 17-21 April 1999. *FASEB Journal* 13: A186.
- Hacker, Callenda A., D.L. Morgan, and H.F. Janssen. The role of wear debris from total joints in tumors formation: Results of a preliminary study. Meeting of the Federation of American Societies for Experimental Biology, Experimental Biology '98, San Francisco, CA. 18-22 April 1998. FASEB Journal 12: A950.
- <u>Hardin, Sahala L.</u>, G. Skoog, and M. McGinley. How research experience affects teaching style and perspective. 10th Annual Rocky Mountain McNair Research Symposium and Graduate Education Conference, Denver, Colorado. 31 March 3 April 2005.
- <u>Harrell</u>, <u>Susan M.</u>, M.R. Willig, D.L. Moorhead, and S.B. Cox. Functional diversity of aquatic bacteria in playa lakes: landscape patterns. Annual Meeting of the Ecological Society of America, Snowbird, Utah. 30 July-3 August, 1995. *Bulletin of the Ecological Society of America* (Supplement) **76**: 110.
- <u>Harrell</u>, <u>Susan M.</u>, M.R. Willig, S.B. Cox, and D.M. Moorhead. Functional diversity of aquatic bacteria in playa lakes: spatial organization and landscape characteristics. Annual Meeting of the Southwestern Association of Naturalists, McAllen, Texas. 18-20 April 1996.
- Harrell, Susan M., M.R. Willig, S.B. Cox, and D.L. Moorhead. Spatial organization of functional diversity of aquatic bacteria: a landscape perspective. Annual Meeting of the Ecological Society of America, Providence, Rhode Island, 10-14 August 1996. Bulletin of the Ecological Society of America 77 (3, Supplement): 183.
- <u>Harrison, Kenneth D.</u>, <u>Paula E. Zozzaro</u>, N.L. Collie, and J.A. Carr. Iodine transport in *Xenopus laevis* gut and skin. Annual meeting and exhibition of the Society for Integrative and Comparative Biology, Anaheim, California, 2-6 January 2002.

- Harrison, M. Jason, D.P. Delmer, Y. Amor, M.J. Grimson, Sarah Johnson, and C.H. Haigler.
 Localization of sucrose synthase in differentiating tracheary elements of *Zinnia elegans*.
 Plant Biology '97, Vancouver, British Columbia. 2-6 August 1997. *Plant Physiology* (Supplement) 114: 87.
- <u>Harvey, Ben J.</u>, A.R. Purdom, and L.O. Lutherer. Temporal nature of changes in cardiorespiratory responses to hypoxia and hypercapnia after interruption of the olivocerebellar tract. Experimental Biology 2002, New Orleans, Louisiana. 20-24 April 2002. *FASEB Journal* 16: A811
- <u>Harvey, Ben J.</u>, M.C. Nash, and L.O. Lutherer. Interruption of the olivocerebellar tract augments the ventilatory response to hypercapnia (10% CO₂). Experimental Biology 2003 Translating the Genome, San Diego, California. 11-15 April 2003.
- <u>Hawkins, Gretchen R.</u>, S.C. Williams, and S.A. Khan. Regulation of proliferation and differentiation of immature rat leydig cells by LH may be mediated in part through transforming growth factor-alpha. Society for the Study of Reproduction (SSR), College Station, Texas. 8 August 1998.
- Haynie, M.L., B.R. Amman, B.D. Baxter, Nevin D. Durish, J.D. Hanson, L.K. Longhofer, F.M. Mendez-Harclerode, S.A. Reeder, J.R. Suchecki, and R.D. Bradley Mammal records from Donley and Briscoe counties, Texas. Museum of Texas Tech University Occasional Papers: 147. Lubbock, Texas, 19 October 2005. Hazel, Kweku D., J. Fluck, N.T. Jones, M. Evola, and A.M. Young. Comparison of antagonist potency to evoke an acute withdrawal stimulus 4 hours after pretreatment with morphine in rats. Experimental Biology 2008, San Diego, California. 5-9 April 2008.
 Reported in Phase V, Year 2 Annual Report.
- Headley, A.D. and <u>Rita E. Corona</u>. Substituent effects on the release of aldehydes from thiazolidine-4-carboxylic acids. 23rd Annual Student Research Conference, Eastern New Mexico University, Portales. 16 April 1996.
- <u>Henne, William M.</u> and J. Strahlendorf. Apoptotic endonucleases and the caspase cascade involved in AMPA-induced excitotoxicity of rat hippocampal pyramidal cells. 2002 Lost Pines Conference, Smithville, Texas. 25-27 October 2002.
- Henne, William M. and J. Strahlendorf. Apoptotic endonucleases and the caspase cascade involved in AMPA-induced excitotoxicity of rat hippocampal pyramidal cells. Experimental Biology 2003 Translating the Genome, San Diego, California. 11-15 April 2003.
- Henne, William M., V. Finckbone, J. Cole, and J.C. Strahlendorf. AMPA-induced excitotoxicity generates CAD, AIF, and endonuclease G activation in hippocampal pyramidal neurons. Neuroscience 2003, New Orleans, Louisiana, 12 November 2003.

- <u>Hernandez, Kyle M.</u>, B.A. Reece, N.E. McIntyre. Effects of anthropogenic land used on Odonata (gragonflies and damselflies) in playas of the Southern High Plains. U.S. IALE Symposium, Syracuse, New York. 12-16 March 2005.
- <u>Hinojos, Cruz A.</u>, A. Hayward-Lester, S. Sabatini, P.J. Oefner, and P.A. Doris. Kidney and nephron calcineurin (CaN) expression in spontaneously hypertensive rats (SHR) by competitive RT-PCR and IPRP HPLC. Sixth International Congress on Cell Biology and Thirty-sixth Annual Meeting of the American Society for Cell Biology, San Francisco, California, 7-11 December 1996. *Molecular Biology of the Cell* 7 (Suppl.): 469A.
- Hoffman, Trenton. V. Finckbone, R. Bliss, Anna Symm, and J. Strahlendorf. Role of non-receptor tyrosine kinase signaling in activation of MAP kinase during cerebellar excitotoxicity. 19th Annual TTUHSC Student Research Week. Lubbock, Texas. 12-16 February, 2007.
- Hollingsworth, Megan, Jennifer Irish, J. Isom, Kerri Stuth, S. Talkmitt, and S. Schake. Dinoriffic Science. NABI 2001 Annual Meeting, Montreal, Quebec, Canada, 7-10 November 2001.
- <u>Hudgeons</u>, <u>Jeremy L.</u>, V. A. Taddei, R. A. Van Den Bussche, and R. J. Baker. Molecular phylogenetics within the New World bat genus *Chiroderma*. Annual Meeting of the Texas Society of Mammalogy, Junction, Texas. February, 1993.
- <u>Hudgeons</u>, <u>Jeremy L.</u>, V. A. Taddei, R. A. Van Den Bussche, and R. J. Baker. Molecular phylogenetics within the New World bat genus *Chiroderma*. Annual Meeting of the American Society of Mammalogy, Bellingham, Washington. June, 1993.
- <u>Hudgeons</u>, <u>Jeremy L.</u>, R. A. Van Den Bussche, and R. J. Baker. Molecular phylogenetics of the vampire bats (Phyllostominae: Desmodontinae). Annual Meeting of the Southwestern Association of Naturalists, Emporia, Kansas. 21-23 April 1994.
- Hulbert, Lindsey, J. Morrow, J. Dailey, and J. McGlone. Evaluation of drop versus trickle feeding for crated and penned pregnant gilts: behavorial measures. 2003 Joint Annual Meeting, American Diary Science Association, American Society of Animal Science, Mexican Association of Animal Production, Phoenix, Arizona. 22-26 June 2003.
- <u>Hulbert, Lindsey E.</u>, J.L. Morrow, J. Dailey, and J.J. McGlone. Behavior of pregnant gilts and sows in crates or pens fed either by a single drop or by trickle feeding. American Society of Animal Science Southern Section, Tulsa Oklahoma. 14-18 February 2004.
- Hulbert, Lindsey E., J.M. Hellman, J.W. Dailey, J.L. Morrow, and J.J. McGlone. Behavior and heart rate of crated gestating sows given and ICV CRH or a CRH receptor antagonist.
 2004 Joint Annual Meeting, American Dairy Science Association, American Society of Animal Science, Poultry Science Association, St. Louis, Missouri. 25-29 July 2004.

- <u>Hulbert, Lindsey E.</u>, J.M. Hellman, J.W. Dailey, J.L. Morrow, and J.J. McGlone. Behavior and heart rate of crated gestating sows given an ICV CRH or a CRH receptor antagonist. 2nd Biennial West Texas Regional Neuroscience Poster Gallery, TTUHSC, Lubbock, Texas. 22 November 3 December 2004.
- <u>Huron, David R.</u> and P.J. Syapin. In vivo effect of ethanol on LPS-induced serum nitrate+nitrite levels and inducible nitric oxide synthase (iNOS). 8th Annual Scientific Meeting of the Texas Research Society on Alcoholism, University of Texas Health Science Center, San Antonio, Texas. 13 March 1998.
- <u>Ibarra, Bianca</u> and M. Ballou. Evaluating heat-treated, whole-fat soy flour as a protein source for use in a supplement to treat malnourishment. SACNAS National Conference, Anaheim, California. 30 September 3 October 2010.
- <u>Irish, Jennifer</u>, and <u>Kerri Stuth</u>. The rainbow connection: the colorful world of science and literature. CAST 2001 A Science Odyssey, Austin, Texas. 1-3 November 2001.
- Jackson, R.C. and <u>Ngan Ngo</u>. Cytogenetics of small supernumerary chromosomes in *Haplopappus gracilis*. Annual Meeting of the American Association for the Advancement of Science Southwestern and Rocky Mountain Division, Norman, Oklahoma. 21-25 May 1995.
- Jackson, R.C. and **Ngan Ngo**. Behavior of supernumerary chromosomes in *Haplopappus gracilis* (Compositae). Annual Meeting of the Botanical Society of America, Seattle, Washington. 3-8 August 1996. *American Journal of Botany* **83** (6 Suppl.): 97.
- Jackson, R.C., **Ngan Ngo**, and H. Gongo. Chromosome specific desynapsis in *Haplopappus gracilis* (Compositae). Annual Meeting of the Botanical Society of America, San Diego, California. 6-10 August 1995. *American Journal of Botany* **82** (6 Suppl.): 73.
- **Janssen, Dustin**, **Jeremy Clowe**, and T.E. Tenner. The role of PPARγ in lipid sequestration by vascular smooth muscle cells. 5th Annual Rachmiel Levine Diabetes and Obesity Symposium, Los Angeles, California. 6-9 October 2004.
- Janssen, H.F., <u>Callenda A. Hacker</u>, and A.S. Crosthwait. Hemodynamic alterations in flow produced by the venous valves. Meeting of the Federation of American Societies for Experimental Biology, Experimental Biology '98, San Francisco, CA. 18-22 April 1998. *FASEB Journal* **12**: A117.
- Janssen, H.F., <u>Callenda A. Hacker</u>, and D.L. Morgan. Osteosarcoma metastasis is not increased in an animal model by the presence of wear debris. Experimental Biology 99, Washington, D.C. 17-21 April 1999. *FASEB Journal* **13**: A186.
- Janssen, H.F., N.P. Skeen, and <u>Jessy M. Mathews</u>. Functional anatomy of the human venous valve. Experimental Biology 2003, Translating the Genome, San Diego, California. 11-15 April 2003.

- <u>Jiang, Ruiyang</u>, S. Kang, and M. Mayer. The synthesis of polyrotaxane with internal stoppers. SACNAS National Conference 2009. Dallas, Texas. 15-18 October 2009.
- <u>Johnson, Cynthia L.</u>, S.A. Lodhi, C.W. Henderson, L. Yu, and S.L. Bilimoria. Replication of an insect virus in the cotton boll weevil, *Anthonomus grandis*. Eleventh National Conference on Undergraduate Research, Austin, Texas, 24-26 April 1997. Abstract No. 0221.
- <u>Johnson, Seethal S.</u>, D.J. Swartz, K.M. Chau, H.H. Von Horsten, S.M. Whelly, M.C. Hastert, and G.A. Cornwall. CRES (cystatin-related epididymal spermato-genic) protein is amyloidogenic. 19th Annual TTUHSC Student Research Week. Lubbock, Texas, 12-16 February, 2007.
- <u>Johnson, Seethal S.</u>, D.J. Swartz, K.M. Chau, H.H. Von Horsten, S.M. Whelly, M.C. Hastert, and G.A. Cornwall. CRES (cystatin-related epididymal spermato-genic) protein is amyloidogenic. American Society of Andrology 32nd Annual Meeting. Tampa, Florida. 18-24 April 2007.
- **Jordan**, **Shana**, T.M. Patterson, and N.L. Collie. Intestinal nutrient uptake in red drum. Annual Meeting of the American Society of Zoologists. 1994. *American Zoologist* **34**: 28A.
- Kattubonia, A., P. Kaur, <u>Thao Nguyen</u>, G. LI. Asymmetric addition of grignard reagents to chiral n-phosphonyl imines. 235th American Chemical Society National Meeting & Exposition. New Orleans, Louisiana. 6-10 April 2008.

 Reported in Phase V, Year 2 Annual Report.
- <u>Keel, Shannon K.</u>, M. Bi, D.M. Hardy, and D.B. Knaff. Zonadhesin interactions in disulfide bond formation. 13th Annual Undergraduate Research Symposium Graduate School of Biomedical Sciences, Galveston, Texas. 3-5 March 1999.
- Kendall, Genevieve C., S.R. Hoofer, H.N. Meeks, S. Gaschak, J. Goryanaya, and R.J. Baker. Genetics, bioinformatics, and European field mice: Ukraine expedition by 21st century naturalists. 32nd Annual Meeting of the Texas Genetics Society, Dallas, Texas. 7-9 April 2005.
- <u>Kendall, Genevieve C.</u>, S.R. Hoofer, H.N. Meeks, S. Gaschak, J. Makluk, and R.J. Baker. Cytochrome-B and karyotypic variation in *Microtus* from Ukraine. 24th Annual Meeting Texas Society of Mammalogists. Need place. 17-19 February 2006.
- <u>Kendall, Genevieve C.</u>, S.R. Hoofer, H.N. Meeks, S. Gaschak, J. Makluk, and R.J. Baker. Cytochrome-B and karyotypic variation in *Microtus* from Ukraine. 2006 American Society of Mammalogists. Boston, Massachusetts. 17-22 June 2006.

- Kennedy, Katie L., A.A. Floyd, and V.H. Lee. Epidermal growth factor regulation of connexin 43 in granulosa cells from preantral rabbit follicles. Society for the Study of Reproduction 33rd Annual Meeting, University of Wisconsin. 15-18 July 2000.
- Kennedy, R.C., M.H. Shearer, **Devin B. Lowe**, and **James A. Tarbox**. A murine experimental pulmonary metastasis model to evaluate viral encoded tumor specific anitgen cancer vaccination strategies and immune mechanism(s) of tumor immunity. First IASLC/ASCO International Conference: "Molecular Targeted Therapies in Lung Cancer", Marbella, Spain, 15-19 January 2003.
- **Kerr, David**. Role of p75-NTR in PC12 cell survival. 13th Annual Undergraduate Research Symposium Graduate School of Biomedical Sciences, Galveston, Texas. 3-5 March 1999.
- <u>Kerr, David</u> and H.K. Strahlendorf. Conflicting actions of p75 neurotrophin receptor and tyrosine kinase C receptor in prenatal Purkinje cells. Society for Experimental Biology and Medicine Southwest Section, San Antonio, Texas. 17-18 October 1997. p. 18.
- Kerr, Kevin A., J. Hashemi, J. Post, K Ngo, E. Dabezies. Comparative analysis of implant effectiveness in maintaining the stability of the reverse obliquity hip fracture. ASME International Mechanical Engineering Congress & Exposition, New York, New York. 11-16 November 2001.
- Kerr, Thomas A., M.J. Grimson, and R.L. Blanton. Molecular and microscopic dissection of a primitive extracellular matrix: the stalk of the cellular slime mold *Dictyostelium discoideum*. Annual Meeting of the American Association for the Advancement of Science Southwestern and Rocky Mountain Division, Norman, Oklahoma. 21-25 May 1995.
- **Kerr**, **Thomas A.**, M.J. Grimson, R.L. Blanton, A.D. Morrison, and J.G. Williams. Molecular and microscopic dissection of a primitive extracellular matrix: the stalk tube of the cellular slime mold *Dictyostelium discoideum*. Keystone Symposium on the Extracellular Matrix of Plants: Molecular, Cellular, and Developmental Biology, Tamarron, Colorado. 15-21 March 1996.
- **Kerr, Trevor J.**, T. Gray, and T. Reid. Interaction between substance P, EGF, FGF and IGF-1 on the release of internal calcium in cells in culture. 42nd American Society for Cell Biology Annual Meeting, San Francisco, California, 14-18 December 2002.
- **Kerr, Trevor J.**, T. Gray, J. McAnulty, C. Murphy, and T.W. Reid. Use of the defensin peptide BNP-1 and the neuropeptide substance P to protect cells under stress. 43rd American Society for Cell Biology Annual Meeting, San Francisco, California, 13-17 December 2003.
- <u>Keidaisch, Brett M.</u>, R.D. Hatfield, J.G. Taylor, A.W. Roberts, and C.H. Haigler. Further characterization of lignification in tracheary elements differentiating in culture. Plant

- Biology '97, Vancouver, British Columbia. 2-6 August 1997. *Plant Physiology* (Supplement) **114**: 87.
- Kim, Y., A.M. Carpenter, **Kimberly J. Gregg**, Z. Shanaz, and J.A. Carr. Diurnal variation in brain and plasma α-melanocyte-stimulating hormone (α-MSH) content in the Texas toad, *Bufo speciosus*. Annual Meeting of the American Society of Zoologists. 1994. *American Zoologist* **34**: 18A.
- <u>Kim, J. Matt</u> and S.E. Ravnik. Developmentally regulated expression of cyclin H and Cdk7 during meiosis in the male mouse. Society for the Study of Reproduction (SSR), College Station, Texas. 8-11 August 1998.
- <u>Kim, J. Matt</u> and S.E. Ravnik. Developmentally regulated expression of cyclin H and Cdk7 during meiosis in the male mouse. 13th Annual Undergraduate Research Symposium Graduate School of Biomedical Sciences, Galveston, Texas. 3-5 March 1999.
- Lewis, J.D., <u>Laura A. Payton</u>, J.K. Bright. Induction of tumorigeneisis and metastasis by the murine homologue of tumor protein D52 (TPD52). American Association for Cancer Research 2006. Washington, D.C. 1-5 April 2006.
- Li, Y., B. McCourt, **Austin Dailey**, **Darrell Morrison**, R.A. Norton, and W.D. Nes. Stereochemical studies on the sterols of plants. Joint Southeast-Southwest Regional Meeting, American Chemical Society. 29 November-1 December 1995.
- Lincoln, J., M. Gelderman, **Rodney Stuart**, K. Howard, D.L. Lefkowitz, S.S. Lefkowitz, and R. Allen. Enhancement of phagocytosis and cadidacidal activity by macrophages exposed to eosinophil peroxidase. Joint Meeting of the American Society for Biochemistry and Molecular Biology, the American Society for Investigative Pathology, and the American Association of Immunologists, New Orleans, Louisiana. 2-6 June 1996. *FASEB Journal* **10**: A1338.
- <u>Lombardini, Richard L.</u>, C. Van Putty, D.S. MacKenzie, and N.L. Collie. Dietary T3 and protein effects on intestinal nutrient uptake in red drum (*Sciaenops ocellatus*). Combined Western/Soutwestern Regional Conference on Comparative Endocrinology, University of Denver, Denver, Colorado, 20-22 March 1997.
- **Lowe, Devin**. In vitro simian virus 40 large tumor antigen expression correlates with differential immune responses following DNA immunization. Great Plains Honors Council Annual Conference, Fort Smith, Arkansas. 4-6 April 2003.
- <u>Lowe, Devin B</u>, M.H. Shearer, C.A. Jumper, E. Cobos, R.K. Bright, and R.C. Kennedy. Murine pulmonary metastasis model and the effects of tumor antigen based cancer vaccination strategies. Fourth International Lung Cancer Congress, Maui, Hawaii. 25-28 June 2003.

- **Lowe, Devin B.**, M.H. Shearer, R.K. Bright, C.A. Jumper, and R.C. Kennedy. SV4- tag induced tumor immunity requires induction and effector phases role of CD4+ and CD8+ T cells. 3rd Annual Cancer Research Symposium, Lubbock, Texas, 22 November 2003.
- **Lynn, Angela J.**, and D.M. Hardy. Immunochemical characterization of sperm-specific fertilization proteins. The Third International Symposium on the Molecular and Cellular Biology of the Egg and Embryo Extracellular Matrix, Lake Tahoe, California. 27 August-1 September 2000.
- Lutherer, L.O. and <u>Amanda R. Purdom</u>. Reversal Of early functional deficits resulting from harmaline-induced cerebellar lesions. Experimental Biology 99, Washington, D.C. 17-21 April 1999. Submitted too late to be printed in the *FASEB Journal*.
- Mansouri, Bobbak, William M. Henne, S.K. Oomman, R. Bliss, Jennifer Attridge, V. Finckbone, T. Zeitouni, Trent Hoffman, B.A. Bahr, H.K. Strahlendorf, and J.C. Strahlendorf. Involvement of calpain in AMPA-induced toxicity to rat cerebellar Purkinje neurons. 19th Annual TTUHSC Student Research Week. Lubbock, Texas, 12-16 February, 2007.
- Manukayan, A., J. Zhang, U. Thippeswamy, J. Yang, **Noelle Zavala**, M. Asmussen, C. Schneider, and B.L. Schneider. CCR4 modulates cell size via changes in the timing of CLN1 and CLN2 expression. 2007 Meeting on Yeast Cell Biology, Huntington, New York. 15-19 August, 2007.
- <u>Marshall, Ryan</u> and J. Fowler. The use of HIV protease inhbitors for possible neuronal protection during ischemia. Society for Experimental Biology and Medicine Southwest Section, San Antonio, Texas. 17-18 October 1997. p. 20.
- Martinez, Ivannee, D.R. Webster, D.C. Spray, and L.M. Donahue. Gap junctional communication in the RT4 PNS-derived cell line family. Annual Meeting of the Society for Neuroscience. Miami Beach, Florida. 13-18 November 1994.
- <u>Martinez, Roslyn</u>, M. Maltbie, H.A. Wichman, R.J. Baker, and R.D. Bradley. Factors that effect chromosomal evolution: rapidly evolving repetitive DNA in rapidly evolving karyotypes. Annual Meeting of the Texas Society of Mammalogists, Texas Tech University Center at Junction, 21-23 February 1997. Paper No. 11.
- Martinez, Roslyn, M. Maltbie, H.A. Wichman, R.J. Baker, and R.D. Bradley. Factors that effect chromosomal evolution: rapidly evolving repetitive DNA in rapidly evolving karyotypes. Southwestern Association of Naturalists Annual Meeting, Fayetteville, Arkansas, 10-12 April 1997. Abstract No. 29.
- <u>Martinez, Roslyn</u>. Facts that effect chromosomal evolution: rapdily evolving repetitive DNA in rapidly evolving karyotypes. Eleventh National Conference on Undergraduate Research, Austin, Texas, 24-26 April 1997. Abstract No.0222.

- <u>Martinez-Marin, Dalia</u>, T. Nelius, and S. Filleur. PEDF gene therapy using bone marrow derived macrophanges for advanced prostate cancer. 2012 SACNAS National Conference, Seattle, WA, 11-14 October 2012.
- <u>Mathews, Jessy M.</u>, D. Lee, S. Binnie, N.P. Skeen, J. Ewen, J. Kelly, C. Barlow, and H. Janssen. The measurement of tumor blood flow in a rat model. Experimental Biology 2002. New Orleans, Louisiana, 20-24 April. *FASEB Journal* **16**: A87.
- <u>Mathews, Jessy M.</u>, K.A. Hoo, and H.F. Janssen. Mathematical errors in renal physiology prove useful as a teaching tool. Experimental Biology 2003, Translating the Genome, San Diego, California. 11-15 April 2003.
- <u>Massey, Matthew A.</u>, N. Krebs, J.J. McGlone. Ammonia exposure for 24 hours reduces aggressive behavior in newly weaned pigs. International Society for Applied Ethology. Merida, Mexico. 30 July-3 August 2007.
- McBride, T., M.J. Hooper, and <u>Katie Kuhns</u>. Age-dependent metal bioaccumulation from smelter-impacted soil ingestion in deer mice (*Peromyscus maniculatus*). SETAC North America 27th Annual Meeting. Montreal, Canada. 5-9 November 2006.
- <u>McGaughy, Jennifer T</u>. and S.E. Ravnik. Expression of Cyclin H and cyclin-dependent kinase 7 in the mouse testis. Annual Meeting of the American Society of Andrology, Baltimore, Maryland, 22-25 February 1997. Abstract No. 58.
- McGinley, M.A., <u>Natasha J. Mehdiabadi</u>, and **Joan C. Neumann**. Animal disturbance, the regeneration niche, and herbaceous plant species diversity in the sand shinnery oak community of Western Texas. Annual Meeting of the Ecological Society of America, Snowbird, Utah. 30 July-3 August 1995. *Bulletin of the Ecological Society of America* (Supplement) **76**: 364.
- McGinley, M.A., <u>Natasha J. Mehdiabadi</u>, and <u>Joan C. Neumann</u>. Animal disturbance, regeneration niche, and herbaceous plant species richness in a sand shinnery oak comunity. Annual Meeting of the Southwestern Association of Naturalists, McAllen, Texas. 18-20 April 1996.
- McGlone, J., <u>Lindsey Hulbert</u>, J. Dailey, R McPherson, and J. Morrow. Trickle versus drop feeding for gilts and sows in gestation crates or pens: reproductive performance and rates of injury. Joint Annual Meeting, American Dairy Science Association, American Society of Animal Science, Poultry Science Association, St. Louis, Missouri. 25-29 July 2004.
- McGlone, J., B. Vines, **Anthony Rudine**, and P. Dubois. The physical size of gestating sows. American Society of Animal Science Southern Section, Tulsa, Oklahoma. 14-18 February 2004.

- McLaruin, Skyler, F. Debaran, and S. Kulkofsky. Mother-child reminiscing for social purposes relates to the occurrence of symptoms of internalizing behaviors in preschool-age children. SACNAS National Conference. Dallas, Texas. 15-18 October 2009.
- McMullen, Craig M., J. Doederlein, D. Morgan, G. Cameron, and H. F. Janssen. DNA content in two rat osteogenic sarcoma cell lines. Annual Meeting of the Southwestern Section of the Society for Experimental Biology and Medicine. Dallas, Texas. 21-22 October 1994.
- Medina, Margarita S., J. Strahlendorf, J.S. Dertien, S. Oomman, and Z. Pan. Caspase-7 is developmentally expressed in putative afferent fibers of the rat cerebellum. Experimental Biology 2003, Translating the Genome, San Diego, California. 11-15 April 2003.
- <u>Medina, Margarita</u>, S. Oomman, <u>Jennifer Attridge</u>, Z. Pan, J. Dertien, and J. Strahlendorf. Caspase-7 is developmentally expressed in putative afferent fibers of the rat cerebellum. 2004 SACNAS National Conference, Austin, Texas. 21-24 October 2004.
- Mehdiabadi, Natasha J., S.S. Dhillion, and M.A. McGinley. The effects of variation in soil nutrient content and microbial community on seedling growth of *Schizacyrium scoparium*. Annual Meeting of the American Association for the Advancement of Science Southwestern and Rocky Mountain Division, Durango, Colorado. 22-26 May 1994.
- Mehdiabadi, Natasha J., S.S. Dhillion, and M.A. McGinley. Effects of soil nutrient content and microbial community on seedling growth and behavior of little bluestem (Schizachyrium scoparium): oh what a tangled web! Annual Meeting of the Ecological Society of America, Snowbird, Utah. 30 July-3 August 1995. *Bulletin of the Ecological Society of America* (Supplement) **76**: 365.
- <u>Miles, Randy W.</u>, J.C. Strahlendorf, P.D. Barenberg, and H.K. Strahlendorf. Does AMPA induce an apoptotic-like toxicity in rat cerebellar Purkinje neurons? National Conference of the Society for Advancement of Chicanos and Native Americans in Science, Washington, D.C. 8-11 October 1998.
- Montoya, Robert, R.M. Jeter, and J.W. Pelly. Purification of the enzyme propanediol dehydratase in the bacterium *Salmonella typhimurium*. Spring meeting, Texas Branch of the American Society for Microbiology, Junction, Texas. 21-23 March 1996.
- Morrow, M. Derek, R.C. Auvenshine, and C.M. Pfarr. Jun and Jun N-terminal kinase interaction in mammalian transcription. Society for Experimental Biology and Medicine Southwest Section, San Antonio, Texas. 17-18 October 1997. p. 21.

- **Myers, Kalisa G.** and D.T. Tissue. Reliable assays for rubisco content and activity in *Xanthium strumarium* and *Allium fistulosum*. 108th Annual Meeting of the Texas Academy of Science, Edinburg, Texas. 3-5 March 2005
- Nash, Joshua E., S.C. Sanka, R. Lawson, G. M. Martinez, C.J. Meininger, G. Wu, and R. Martinez-Zaguilan. Calcium stores in microvascular endothelial cells from a spontaneous model of diabetes are altered. The *FASEB Journal*. Experimental Biology 2001, Orlando, Florida. 31 March-4 April 2001.
- Nesbit, April D., J.D. Sholtis, and D.T. Tissue. Variations in sweetgum tree (*Liquidambar styraciflua* L) leaf ultrastructure after exposure to elevated CO₂. The Ecological Society of America 87th Annual Meeting, Society for Ecological Restoration 14th Annual International Conference, Tucson, Arizona. 4-9 August 2002.
- **Neumann**, **Joan C.** Environmental heterogeneity and seedling establishment: ant-plant-microbe interactions. Annual Meeting of the American Association for the Advancement of Science Southwestern and Rocky Mountain Division, Durango, Colorado. 22-26 May 1994.
- <u>Nickel, Utah W</u>. Induction pattern of APX3 in *Arabidopsis*. Eleventh National Conference on Undergraduate Research, Austin, Texas, 24-26 April 1997. Abstract No. 0417.
- <u>Olmedo</u>, <u>Jesse M.</u>, R.C. Clingan, W.C. Gilmore, and H.F. Janssen. Metatstatic potential of two osteogenic sarcoma cell lines with different DNA content. Annual Meeting of the Southwestern Section of the Society for Experimental Biology and Medicine. Fort Worth, Texas. 20-21 October 1995.
- Ontiveros, Naomi A., Eric D. Graham, J.A. Griswold, A.N. Hamood. Identification of Quorum Sensing-deficient clinical Isolates of *Pseudonomas aeruginosa*. Lost Pines conference. Science Park Research Division, Smithville, Texas. 13-15 October 2000.
- <u>Ortega, Graysen</u>, M. Miller, A. Calle, <u>Katelyn Ortega</u>, A. Echeverry, and M. Brashears. Prevalence of *Escherichia coli* non-O157:H7 in beef in Mexico. International Association of Food Protection, Charlotte, North Carolina. 28-31 July 2013.
- Pallister, Zachary S., M-J Duran, T.A. Pressley. Protein kinase C regulation of the Na, K-ATPase α3 isoform in highly metastatic human prostate cells. 19th Annual TTUHSC Student Research Week. Lubbock, Texas. 12-16 February 2007.
- Parish, Lauren P., M-J Duran, A. Bouscher, and T.A. Pressley. Differential regulation of the Na,K-pump in human mestastatic prostate cell lines. Experimental Biology 2004, Washington, D.C. 17-21 April 2004.

- **Parish, Lauren P.**, M-J Duran, and T.A. Pressley. Differential regulation of the Na,K-ATPase in human metastatic prostate cell lines. Experimental Biology 2005, San Diego, California. 2-6 April 2005.
- Bright, R.K., <u>Laura A. Payton</u>, and J.D. Lewis. Non-mutated self protein murine TPD52 (MD52) induces anti-tumor immunity following active vaccination. American Association for Cancer Research 2006. Washington, D.C. 1-5 April 2006.
- <u>Pellegrini, Wendy R.</u>, M.R. Willig, R.D. Owen, C. López-González, and S.J. Presley. Sexual dimorphism and geographic variation in *Sturnira lilium* from Paraguay. Annual Meeting of the Southwestern Association of Naturalists, Albuquerque, New Mexico. April 1998.
- **Pellegrini, Wendy R**., M.R. Willig, R.D. Owen, C. López-González, and S.J. Presley. A morphometric analysis of *Sturnira lilium* from Paraguay: Sexual dimorphism and geographic variation. Annual Meeting of the American Society of Mammologists, Blacksburg, Virginia. 6-10 June 1998.
- Penturf, M., S. O'Banion, M. Carr, S. Fullwood, **Monica Roberson**, and J. Griswold. Essential fatty acid impacts survival during severe physiologic stress. Meeting of the Federation of American Societies for Experimental Biology, Experimental Biology '93, New Orleans, Louisiana. 28 March 1 April 1993. *FASEB Journal* 7: A662.
- Penturf, M., J. McGlone, S. Fullwood, <u>Monica Roberson</u>, and J. Griswold. Effect of dietary manipulation of essential fatty acids on neutrophil and natural killer cell function during severe stress. Experimental Biology 94, Parts I and II, Anaheim, California. 24-28 April 1994. *FASEB Journal* 8: A411.
- Phillips, Brooke, K. Knisley, K. Weitlauf, J. Dorsett, and H. Weitlauf. Differential expression of two β-galactoside binding proteins in the murine placenta. Annual Meeting of the Society for the Study of Reproduction, Ann Arbor, Michigan. 24-27 July 1994.
- <u>Phillips</u>, <u>Brooke</u>, A. Lee, V. Lee, and H. Weitlauf. Expression of galectin-3 mRNA and protein in the uteroplacental complex of mice. Annual Meeting of the Society for the Study of Reproduction, University of California, Davis. 9-12 July 1995.
- <u>Phillips, Jack A.</u>, S.E. O'Bryant, C. Mauer, M. Edwards, S. Mattevada, L. Johnson, G. Gong, and J. Hall. Groundwater selenium is associated with lower depression scores: a project frontier study. 25th National Conference on Undergraduate Research. Ithaca College, Ithica, New York. 31 March 2 April, 2011.
- <u>Peppers</u>, <u>Lottie L.</u> and M.R. Willig. Food preference of <u>Lamponius portoricensis</u> Rhen (Phasmatodea: Phasmatidae) from the Luqillo experimental forest of Puerto Rico. Annual Meeting of the Sotuhwestern Association of Naturalists, McAllen, Texas. 18-20 April 1996.

- Prince, Catherine J. and R.E. Strauss. Variations in skeletal morphology and cranial ossification sequences among inbred strains of guppies (Poeciliidae: *Poecilia reticulata*).
 National Conference of the Society for Advancement of Chicanos and Native Americans in Science, Washington, D.C. 8-11 October 1998.
- <u>Purdom</u>, <u>Amanda R</u>. and M.A. McGinley. Effects of mammalian feces on soil nutrient content and seedling growth in the sand shinnery oak community. Annual Meeting of the Southwestern Association of Naturalists, McAllen, Texas. 18-20 April 1996.
- **Purdom, Amanda R.**, M.S. Melton, and L.O. Lutherer. Harmaline-induced cerebellar lesions alter the baroreceptor reflex response to increased pressure by disinhibiting vagal output to the heart. Meeting of the Federation of American Societies for Experimental Biology, Experimental Biology '98, San Francisco, CA. 18-22 April 1998. *FASEB Journal* 12: A65.
- **Reddy, Sheila C.**, and A.C. Millena. Autorcrine regulation of immature rat leydig cells by transforming growth factor. 18th National Conference on Undergraduate Research, Indianapolis, Indiana, 15-17 April 2004.
- Reid, T.W. and <u>Phat Tran</u>. Substance P is synergistic with insulin and IGF-1 in the stimulation of corneal epithelial cell migration. American Society for Cell Biology 38th Annual Meeting, San Francisco, California. 12-16 December 1998.
- Rendon, Alexia, B.S. Chilton, and V.H. Lee. Expression of RUSH in developing and mature gonads of male and female rabbits. 13th Annual Undergraduate Research Symposium Graduate School of Biomedical Sciences, Galveston, Texas. 3-5 March 1999.
- **Rendon, Alexia**, J.J. McGlone, and V.H. Lee. Expression of zona pellucida proteins and mRNA in prepubertal pig ovaries. Society for the Study of Reproduction (SSR), College Station, Texas. 8 August 1998.
- Rendon, Alexia, J.J. McGlone, and V.H. Lee. Expression of zona pellucida proteins and mRNA in prepubertal pig ovaries. National Conference of the Society for Advancement of Chicanos and Native Americans in Science, Washington, D.C. 8-11 October 1998.
- <u>Richardson, John M</u>. Cold denaturation of thioredoxin h. Texas Protein Folders '98, Camp Allen, Texas. 15-17 May.
- <u>Richardson, John M.</u>, K. Wyatt McMahon, C.C. McDonald, and G.I. Makhatadze.

 Thermodynamic and structural characterization of the MEARA sequence repeat from the human CSTF-64 polyadenylylation factor. The Fourth Johns Hopkins Protein Folding Meeting, Berkeley Springs, West Virginia. 13-16 March 1999.

- Roberson, Monica, M. Penturf, S. Fullwood, and J. Griswold. Omega 3 fatty acids help reduce TNF production during sepsis. Experimental Biology 94, Parts I and II, Anaheim, California. 24-28 April 1994. *FASEB Journal* 8: A136.
- Rojas, J.D., S.C. Sanka, M.J.C. Hendrix, E. Seftor, <u>Hesham N. Attaya</u>, C.J. Meininger, G. Wu, D.E. Wesson, and R. Martinez-Zaguilan. Plasmalemmal V-H⁺-ATPase (pmV-ATPase) is essential for migration of microvascular endothelial cells. Experimental Biology 2000, San Diego, California, 15-18 April 2000. *FASEB Journal* **14**: A357
- Rose, Jamie M., L. Gollahon, N.L. Collie. Glucagon-like peptide-1 directly regulates fructose transport in CaCO-2 cells. American Diabetes Association 60th Scientific Session, San Antonio, Texas. 9-13 June 2000. *Diabetes* Abstract Book, Volume 49 (Supplement 1) A228-A229.
- Roxas, V.P., <u>Roger K. Smith, Jr</u>., and R.D. Allen. Cloning and overexpression of cDNAs that encode glutathione S-transferase in tobacco. Annual Meeting of the American Association for the Advancement of Science Southwestern and Rocky Mountain Division, Norman, Oklahoma. 21-25 May 1995.
- Roxas, V.P., **Roger K. Smith, Jr**., and R.D. Allen. Cloning and overexpression cDNAs that encode glutathione S-transferase in tobacco. Annual Meeting of the American Society of Plant Physiologists, Charlotte, North Carolina. 29 July-2 August 1995. *Plant Physiology* (Supplement) **108**: 64.
- Roxas, V.P., **Roger K. Smith, Jr.**, and R.D. Allen. The tobacco auxin-regulated NT 107 gene encodes a glutathione S-transferase and is also responsive to abscisic acid, H₂O₂ and salicylic acid. Annual Meeting of the American Society of Plant Physiologists, San Antonio, Texas. 27-31 July 1996. *Plant Physiology* **111** (2 Suppl.): 49.
- Rudine, Anthony, Leslie Dabovich, S. Dowd, J. Morrow, and J. McGlone. Rearing pigs indoors or outdoors: effects on immunity and Salmonella shedding. American Society of Animal Science Southern Section, Mobile, Alabama, 31 January-4 February 2003.
- Rudine, Anthony, Leslie Dabovich, Lindsey Hulbert, J. Dailey, J. Morrow, and J. McGlone.

 Rearing pigs indoors or outdoors: effects on pig growth and behavior. American Society of Animal Science Southern Section, Mobile, Alabama, 31 January-4 February 2003.
- <u>Salazar, Jesus</u>, Y.J. Gio, R. Deslippe. Executions of queens by workers in fire ant colonies. Entomological Society of America, Atlanta Georgia, 12-16 December, 1999.
- <u>Salazar, Jesus</u>, Y.J. Guo, R. Deslippe. Executions of queens by workers in fire ant colonies. 48th Annual Meeting of the Southwestern Branch, Entomological Society of America, Ft. Worth, Texas 8-11 February, 2000.

- Schake, S., J. Isom, <u>Renee Nipper</u>, S. Talkmitt, and <u>Anna Wilkerson</u>. Traveling into the frontiers of science education: TTU/HHMI Traveling Lab Program. CAST 2000, Texas A&M University, College Station, Texas. 12-14 October 2000.
- Schake, S., J. Isom, **Renee Nipper**, S. Talkmitt, and <u>Anna Wilkerson</u>. Come travel with us: TTU/HHMI Traveling Lab Program. NSTA Southwestern Area Convention, Phoenix, Arizona, 7-9 December 2000.
- Schake, S. J. Isom, <u>Anna Wilkerson</u>, <u>Cristi Crites</u>, <u>Megan Hollingsworth</u>, and <u>Kathy Tutak</u>. Development of an innovative traveling laboratory program. NSTA National Convention, St. Louis, Missouri. 22-25 March 2001.
- Schake, S., <u>Sally Smith</u>, <u>Jennifer Irish</u> and <u>Kerri Stuth</u>. Phifteen phun physics phocuses. CAST 2001 A Science Odyssey, Austin, Texas. 1-3 November 2001. <u>Schwab, Chris</u>. and K.K. McMahon. Antibody against mono-ADP-ribosylated proteins. Experimental Biology 95, Atlanta, Georgia. 9-13 April 1995. *FASEB Journal* 9: A934.
- <u>Schwab, Chris</u> and K. McMahon. Zymographic *in situ* assay studies of cardiac mono-ADP-ribosyltransferase. Experimental Biology 96, Washington, D.C. 14-17 April 1996.
- **Shapard, Edwin**, O. Aguilera, and M. San Francisco. Use of *Caenorhabditis elegans* as an alternate host to study the virulence of *B. dendrobatidis*. American Society of Microbiology. Huntsville, Texas 15-17 November 2007.

 Reported in Phase V, Year 2 Annual Report
- Shen, C.-L., <u>Karen D. Cowden</u>, and B.C. Pence. Increasing levels of PhIP in the diet alter the activity of heterocyclic amine metabolizing enzymes in liver, stomach, and colon of female Sprague-Dewley rats. Annual Meeting of the American Association for Cancer Research, New Orleans, Louisiana. 28 March 1 April 1998. *Proceedings of the American Association of Cancer Research* 39: 16 (#106).
- **Shepherd, Sharron, M.** R.P. Rapini, J. Colmer-Hamood, D. Hardy, and A. Blauvelt. Investigation of a virus or viruses as a causative agent of pityriasis rosea. 26th Annual Student Research Conference, Eastern New Mexico University, Portales, New Mexico, 18 April 2000.
- **Shepherd, Sharron M.**, S. Felefli, C.L. Stetson, and R.P. Rapini. Heck's Disease: focal epithelial hyperplasia in a 9-year-old Native American boy. SMA's 94th Annual Scientific Assembly, Orlando, Florida. 1-5 November 2000.
- **Shepherd, Sharron M**., J. Colmer-Hamood, D. Hardy, and R.R. Rapini. Investigation of human herpes virus 7 (HHV-7) as a causative agent for pityriasis rosea. American Academy of Dermatology 59th Annual Meeting, Washington D.C. 2-7 March 2001

- <u>Shoukfeh, Omar M.</u>, <u>Nafisa Ahmed</u>, and J.A. Carr. Neurochemical coding of a behavioral circuit breaker. 2nd Biennial West Texas Regional Neuroscience Poster Gallery, TTUHSC, Lubbock, Texas. 22 November 3 December 2004.
- Simons, Donnie M., T.B. LeGrow, and S.E. Ravnik. Meiotic expression of Cdk2ß, a Cdk2 splice variant, in the male mouse. 13th Annual Undergraduate Research Symposium Graduate School of Biomedical Sciences, Galveston, Texas. 3-5 March 1999.
- Simons, Donnie M., T.B LeGrow, and S.E. Ravnik. Meiotic expression of Cdk2ß, a Cdk2 splice variant, in the male mouse. 24th Annual Meeting of the American Society of Andrology, Louisville, Kentucky. 10-13 April 1999.
- Smith, D.R., S. Rao, M. Smith, <u>David Campos</u>, P. Kurkure, S. Graham, M. Brashears, M Ballou, and E. Karunasena. Supplementing protein-deficiant diets with probiotics for systemic health benefits and improved immune system response against water and foodborne pathogens: Modeling-malnourishment and methods to reduce associated disease. SACNAS National Conference, Anaheim, California. 30 September 3 October 2010.
- Smith, Roger K., Jr., V.P. Roxas, and R.D. Allen. Cloning and overexpression of cDNA that encodes glutathione peroxidase in tobacco. Annual Meeting of the American Society of Plant Physiologists, San Antonio, Texas. 27-31 July 1996. *Plant Physiology* **111** (2 Suppl.): 78.
- **Snow, John** and J. Fralick. Characterization of phage treatment of *Staphylococcus aureus* biofilms. SACNAS National Conference 2009. Dallas, Texas, 15-18 October 2009.
- **Spencer, Adam J.**, Z. Wang, D. Markov, K.A. Swinney, and D.J. Bornhop. On-chip interferometric backscatter detection (OCIBD) for non-invasive molecular interaction investigations on plastic (PDMS) chips (37). The Microfulidics, Microarrays and BioMEMS Conference and Exhibition, San Diego, California. 27-31 August 2001.
- Srinivas, N.G., **Carolyn Cogburn**, and A.S. Holaday. Effects of cool night temperatures on cotton photosynthesis and respiration. Annual Meeting of the American Society of Plant Physiologists, San Antonio, Texas. 26-31 July 1996. *Plant Physiology* **111** (2 Suppl.): 70.
- Struzyk, Kyle, and L. Gollanon. Determination of a cell's metastatic potential using variable flow rates in a microfluidic biochip. Institute of Biological Engineering 2010 Annual Conference. Cambridge, Massachusetts. 4-6 March 2010.
- **Stuart, Rodney W.**, M. Gelderman, K. Howard, J. Lincoln, D.L. Lefkowitz, and S.S. Lefkowitz. Enhancement of phagocytosis and candidacidal activity of macrophages exposed to acemannan. Joint Meeting of the American Society for Biochemistry and Molecular Biology, the American Society for Investigative Pathology, and the American Association of Immunologists, New Orleans, Louisiana. 2-6 June 1996. *FASEB Journal* **10**: A1337.

- Stuart, Rodney W., W.C. Cain, J.A. Lincoln, D.L. Lefkowitz, S.S. Lefkowitz, and R.C. Allen. Myeloperoxidase induces astrocytes to secrete proinflammatory cytokines. Meeting of the Federation of American Societies for Experimental Biology, Experimental Biology '98, San Francisco, CA. 18-22 April 1998. FASEB Journal 12: A298.
- <u>Sullivan, James, Christina Eaton</u>, J. Carr, N. Collie. Perchlorate inhibition of iodide transport in skin and intestine from the African clawed frog *Xenopus laevis*. XXXV International Congress of Physiological Sciences, San Diego, California. 31 March-5 April 2005.
- <u>Suteria, Naureen</u> and S. Vanapalli. Hydrodynamic resistance of a train of confined droplets. American Institute of Chemical Engineers Southwest Regional Students Conference, Lubbock, Texas. 22-24 March 2013.
- <u>Tarbox, James A.</u>, H. Sun, T.R. Field, and T.K. Machu. Mutation of GLY288SER in the 5-HT3 receptor enhances alcohol sensitivity. Texas Research Society on Alcoholism 9th Annual Scientific Meeting, Dallas, Texas. 19 March 1999.
- <u>Tarbox, James A.</u>, T.R. Field, T.K. Machu. Mutations in the transmembrane two region of the mouse 5-HT_{3A} receptor alter alcohol sensitivity. Texas Research Society on Alcoholism, 10th Annual Scientific Meeting, Lubbock, Texas. 4 February 2000.
- <u>Tarbox, James A.</u>, T.R. Field, T.K. Machu. Mutations in the transmembrane two region of the mouse 5-HT _{3A} receptor alter alcohol sensitivity. 2000 Scientific Meeting of the Research Society on Alcoholism, Santa Barbara, California. 24-29 June 2000. Supplement to: *Alcoholism Clinical and Experimental Research*, Volume 24, number 5.
- Tenner, T.E., **Roy T. Hendley**, **Jeremy D. Clowe**, R.L. Davis, J.S. Dertien, and K.K. McMahon. PPARγ ligands inhibit proliferation and induce lipid accumulation in rabbit vascular smooth muscle cell (VSMC) cultures. Experimental Biology 2003, Translating the Genome, San Diego, California. 11-15 April 2003.
- <u>Thatcher, Jeffery E.</u>, E. Peffley, L.D. Thompson, A. Broome, K. Kuper. The effect of plant density on enzymatically formed pyruvate in allium cepa. Cornell Institute of Food Science Symposium, Ithaca, New York. 22-24 May 2005.
- Tipton, H.A., <u>Richard L. Lombardini</u>, and N.L. Collie. Rapid effects of estrogen on intestinal nutrient uptake in catfish. Annual Meeting Society for Integrative and Comparative Biology, Boston, Massachusetts. 3-7 January 1998. *American Zoologist* 37: 566.
- Tipton, H.A., **Richard L. Lombardini**, and N.L. Collie. Alanine uptake in catfish (*Ictalurus punc-tatus*) intestine. Annual Meeting Society for Integrative and Comparative Biology. 4-8 January 2000. *American Zoologist* **39**:29A

- <u>Trivedi, Urvish</u>, C. Watters, T. Dalton and K. Rumbaugh. Examining the antimicrobial resistance of *Pseudomonas aeruginosa* in diabetic and non-diabetic chronic wounds. American Society for Microbiology Texas Branch Annual Meeting., Tyler, Texas. 5-7 November 2009.
- <u>Trivedi, Urvish</u>, C. Watters, T. Dalton and K. Rumbaugh. Resistance of *Pseudomonas aeruginosa* in vivo diabetic and non-diabetic chronic wounds. 22nd Annual TTUHSC Student Research Week, Lubbock, Texas. 2-5 March 2010.
- <u>Trivedi, Urvish</u>, C.M. Watters, R. Popat, S.A. West, S.P. Diggle, and K.P. Rumbaugh. The significance of kin selection in maintaining cooperation and virulence in chronic would infections. TTUHSC Student Research Week, Lubbock, Texas. 2-4 March 2011.
- <u>Trivedi, Urvish</u>, C. Watters. R. Popat, S.A. West, S.P. Diggle, K.P. Rumbaugh. The importance of relatedness in maintaining cooperation and virulence in chronic would infections. 111th General Meeting of the American Society for Microbiology, New Orleans, Louisiana. 21-24 May 2011.
- <u>Turner, William</u>, P. Milbury, and K. McMahon. Dietary grapes do not reduce progression of atherosclerosis in hyperlipidemic, hyperinsulinemic mice. Experimental Biology 2002, New Orleans, Louisiana. 20-24 April 2002. *FASEB Journal* **16**: A240.
- <u>Vargas, Erica</u>, S.B. Westerman, and R.D. Bradley. Molecular systematics of *Geomys* based on DNA sequences from the protein coding the alcohol dehydrogenase gene (*ADH-1*). Texas Society of Mammalogists 27th Annual Meeting. Texas Tech University Center at Junction, Texas. 20-22 February 2009.
- <u>Vargas, Erica</u>, S.B. Westerman, and R. Bradley. Molecular systematics of *GEOMYS* based on DNA sequences from the protein coding the alcohol dehydrogenase gene (*ADH-1*). 1st Annual Texas Tech Biological Sciences Symposium. Lubbock, Texas, 5-7 February 2010.
- <u>Vargas, Erica</u>, S.B. Ayers, and R.D. Bradley. Molecular systematics of *GEOMYS* based on DNA sequences from the protein coding the alcohol dehydrogenase gene (*ADH-1*) Texas Society of Mammalogists 28th Annual Meeting. Texas Tech University Center at Junction, Texas. 26-28 February 2010.
- Wainscott, Melody and R.C. Jackson. Population cytogenetics of a chromosomal hybrid zone between a 2N=4 and a 2N=6 race of *Haplopappus gracilis*. Annual meeting of the American Association for the Advancement of Science Southwestern and Rocky Mountain Division, Durango, Colorado. 22-26 May 1994.
- <u>Walker, Erin M.</u> and Mark A. McGinley. Effect of variable winds on dispersal of wind-dispersed fruits: the role of the beak. Annual Meeting of the Southwestern Association of Naturalists, Albuquerque, New Mexico. April 1998.

- Warden, Anastasia A., G.F. Kaufmann, K.D. Janda, C.A. Lowery, and A.N. Hamood. *P. aeruginosa* quorum sending signals inhibit the development of *S. aureus* biofilms. TTUHSC Student Research Week, Lubbock, Texas. 2-4 March 2011
- Watts, Mica A., M.Y. Jackson, G.M. Martinez, and R. Martinez-Zaguilan. Calcium and calmodulin kinase (CaM-K) regulate plasmalemmal vacuolar type proton ATPase (pmV-ATPase) in human breast cancer cells. Experimental Biology 2000, San Diego, California, 15-18 April 2000. FASEB Journal 14: A332.
- Webb, D.K., <u>Kenneth D. Harrison</u>, and N.L. Collie. GLP-1 acutely regulates hexose transport in Caco-2 cells. Diabetes Abstract Book, A Journal of the American Diabetes Association. San Francisco, California, 14-18 June, 2002.
- Webster, D.R. and <u>Jason M. Bratcher</u>. Developmental regulation of MAP4 expression in the neonatal rat heart. Sixth International Congress on Cell Biology and Thirty-sixth Annual Meeting of the American Society for Cell Biology, San Francisco, California, 7-11 December 1996. *Molecular Biology of the Cell* **7** (Suppl.): 573A.
- Wickliffe, J.K., **Amy M. Bickham**, B.E. Rodgers, R.K. Chesser, S. Gaschak, and R.J. Baker. Big blue at Chornobyl: transgenic mutations following chronic exposure to low-dose environmental radiation. *Environmental and Molecular Mutagenesis*. 31 January 2002
- <u>Wiggins, Lara E.</u>, C.N. Cassavant, H.A. Wichman, and R.J. Baker. Are LINE elements extinct in Oryzomys? Evidence from in situ hybridization. Annual Meeting of the American Society of Mammalogists, Blacksburg, Virginia. 6-10 June 1998.
- Wiggins, Lara E., M.J. Hamilton, R.K. Chesser, M.H. Smith, M.D. Lomakin, R.A. Van Den Bussche, and R.J. Baker. Species of rodents that occur adjacent to reactor four at Chornobyl, Ukraine. Annual Meeting of the Texas Society of Mammalogists, Junction, Texas. 17-19 February 1995.
- Wiggins, Lara E., M.J. Hamilton, R.K. Chesser, M.H. Smith, M.D. Lomakin, R.A. Van Den Bussche, and R.J. Baker. Species of rodents that occur adjacent to reactor four at Chornobyl, Ukraine. Annual Meeting American Society of Mammalogists, Burlington, Vermont. 20-24 June 1995.
- Wiggins, Lara E., M.J. Hamilton, R.A. Van Den Bussche, R.K. Chesser, and R.J. Baker.

 Quantifying chromosomal rearragnements in rodents from Chornobyl. Annual Meeting of the Texas Society of Mammalogists, Junction, Texas. 16-18 February 1996.
- Wiggins, Lara E., M.J. Hamilton, R.A. Van Den Bussche, R.K. Chesser, and R.J. Baker.
 Stability of heterochromatin in rodents from Chernobyl. Annual Meeting of the American Society of Mammalogists, Grand Forks, North Dakota, 15-19 June 1996. Abstract No. 172.

- <u>Wiggins, Lara E.</u>, M.J. Hamilton, R.A. Van Den Bussche, R.K. Chesser, and R.J. Baker. Stability of heterochromatin in rodents from Chernobyl. Annual Meeting of the Society for the Study of Evolution and the Society of Systematic Biologists, St. Louis, Missouri, 19-23 June 1996. Paper No. 483.
- <u>Wiggins, Lara E.</u>, J.E. Peppers, and R.J. Baker. Nature of B chromosomes in harvest mice, *Reithrodontomys megalotis*, by fluorescent in situ hybridization (FISH). Annual Meeting of the Texas Society of Mammalogists, Texas Tech University Center at Junction, 21-23 February 1997. Paper No. 10.
- Wiggins, Lara E., J.E. Peppers, and R.J. Baker. Nature of B chromosomes in harvest mice, *Reithrodontomys megalotis*, by fluorescent in situ hybridization (FISH). Annual Meeting of the Texas Genetics Society, Dallas, Texas, 13-15 March 1997. Abstract No. 4.
- <u>Wiggins, Lara E</u>. Vatiation in chromosomal distribution of chromatin in rodents exposed to the radioactive pollution from the Chernobyl disaster. Eleventh National Conference on Undergraduate Research, Austin, Texas, 24-26 April 1997. Abstract No. 0223.
- Wiggins, Lara E., J.A. Peppers, and R.J. Baker. 1997. Nature of B chromosomes in harvest mice, *Reithodontomys megalotis*, by fluorescent in situ hybridization. Society for Experimental Biology and Medicine Southwest Section, San Antonio, Texas. 17-18 October 1997. p. 17.
- <u>Wiggins, Lara E.</u>, C.N. Cassavant, H.A. Wichman, and R.J. Baker. Are line elements extinct in *Oryzomys*? Evidence from in situ hybridization. Annual Meeting, Texas Society of Mammalogists, Junction, Texas. 20-22 February 1998.
- <u>Williams, Katherine D</u>. and N.W. Hopper. Effectiveness of polymer film coatings on cotton seed in reducing dusting-off. Cotton Physiology Conference, 1997 Beltwide Cotton Research Conferences. New Orleans, Louisiana. January, 1997.
- Wilkerson, Anna and Kathy Tutak. Teaching new teachers "old" teacher tricks. CAST 2001 A Science Odyssey, Austin, Texas. 1-3 November 2001.
- <u>Williams, Katherine D</u>. and N.W. Hopper. Effects of polymer film coating of cotton seed on dusting-off, imbibition, and gemination. Cotton Physiology Conference, 1998 Beltwide Cotton Conferences, San Diego, California. 5-9 January 1998.
- Wilson, Mattie C., and K. Zhang. Genetic analysis of phospholipids metabolism in *Leishmania*. Molecular Parasitology Meeting, Woods Hole, Massachusetts. 21-25 September 2008.
- Woolley, Robin C. and J.A. Fralick. Genetic Characterization of a *Vibrio cholerae* multi-drug resistant efflux pump in *Escherichia coli*. Molecular Genetics of Bacteria & Phages Meeting, Cold Spring Harbor, New York. 20-25 August 2002.

- Woolley, Robin C. and J.A. Fralick. Genetic Characterization of a *Vibrio cholerae* multi-drug resistant efflux pump in *Escherichia coli*. 2002 Lost Pines Conference, Smithville, Texas. 25-27 October 2002.
- Wozniak, Susan, E., and R.W.Shaw. *In vivo* tests of nucleic acid-based metallo-β lactamase inhibitors in cultures of *Bacillus cereus* 5/B/6. Senescence 18th Annual Student Research Week, TTUHSC, Lubbock, Texas, 13-17 February 2006.
- Wozniak, Susan, E., and R.W.Shaw. *In vivo* tests of nucleic acid-based metallo-β lactamase inhibitors in cultures of *Bacillus cereus* 5/B/6. 2006 Experimental Biology Meeting. The FASEB Journal. San Francisco, California, 1-5 April 2006.
- Wright, Amanda J., Lara E. Wiggins, M.J. Hamilton, R.K. Chesser, M.H. Smith, M.D. Lomakin, R.A. Van Den Bussche, and R.J. Baker. Cytochrome *b* variation in *Microtus epiroticus* and *M. arvalis* collected from a radioactive site near reactor 4 at Chornobyl, Ukraine. Annual Meeting of the Texas Society of Mammalogists, Junction, Texas. 17-19 February 1995.
- Wright, Amanda J., Lara E. Wiggins, M.J. Hamilton, R.K. Chesser, M.H. Smith, M.D. Lomakin, R.A. Van Den Bussche, and R.J. Baker. Cytochrome *b* variation in *Microtus epiroticus* and *Microtus arvalis* collected from a radioactive site near reactor 4 at Chornobyl, Ukraine. Annual meeting American Society of Mammalogists, Burlington, Vermont. 20-24 June 1995.
- Wright, Amanda J., R.A. Van Den Bussche, and R.J. Baker. Understanding chromosomal evolution: estimating the minimal time needed to radically reorganize the genome.

 Annual Meeting of the Texas Society of Mammalogists, Junction, Texas. 16-18 February 1996.
- Wright, Amanda J., R.A. Van Den Bussche, and R.J. Baker. Understanding chromosomal evolution: estimating the minimal time needed to radically reorganize the genome. Annual Meeting of the American Society of Mammalogists, Grand Forks, North Dakota, 15-19 June 1996. Abstract No. 129.
- Wright, Amanda J., K.D. Makova, R.A. Van Den Bussche, R.K. Chesser, and R.J. Baker. Mutation rate in the cytochrome *b* gene of *Microtus oeconomus*: A different pattern in a species from Chernobyl. Annual Meeting of the Society for the Study of Evolution and the Society of Systematic Biologists, St. Louis, Missouri, 19-23 June 1996. Paper No. 484.
- Wright, J., H. Dungrawala, J. Yang, A. Manukyan, H. Hua, <u>Lesley Abraham</u>, K. Adams, T. Kasemsri, and B. Schneider. G1-Phase cyclins: A link between aging and cancer. TTUHSC 2011 Cancer Symposium, Amarillo, Texas. 29 April 1 May 2011.
- **Zavala, Noelle**, and D. Schwilk. Smoke-induced seed germination in Texas grassland species.

- 94th Annual meeting of the Ecological Society of America. Albuquerque, New Mexico, 2- August 2009.
- Zalapa, Juan E., S.A. Lodhi, V.P. Roxas and R.D. Allen. Localization of glutathione Stransferase in tobacco seedlings overexpressing the Nt107 gene using immunocytochemistry. National Conference of the Society for Advancement of Chicanos and Native Americans in Science, Washington, D.C. 8-11 October 1998.
- Zhang, B., S. Murali, R. Larson, **Nafissa Ahmed**, **Omar Shoukfeh**, **Sarah Bulin**, <u>Nicholas</u>

 <u>Bergfeld</u>, J. Lustgarten, and J.A. Carr. Intrinsic neurons contribute to CRF innervation of the anuran optic tectum. 1st Annual Texas Tech Biological Sciences Symposium. Lubbock, Texas. 5-7 Febraury 2010.
- **Zimmerer, Natalie**, J. Weathers, and S. Prien. Refinement of a mouse model to study the influence of maternal body condition on embryo chemistry. American Society for Reproductive Medicine. Orlando, Florida. 15-19 October 2011.
- **Zozzaro, Paula E.**, and J.A. Carr. Peripheral administration of ovine corticotropin-releasing Hormone activates the sympathetic nervous system in toads. Annual meeting of the Society for Integrative and Comparative Biology, Anaheim, California, 2-6 January 2002.
- **Zozzaro, Paula E.**, and J.A. Carr. Dorsal lymph sac (DLS) administration of ovine corticotropin-releasing hormone stimulates activity of the sympathetic nervous systme in the Texas toad, *Bufo speciosus*. The University of Texas Medical Branch Sixteenth Annual Undergraduate Research Symposium "Science At Its Best". Galveston, Texas, 28 February-1 March 2002.
- **Zozzaro, Paula E.** and J.A. Carr. Dorsal lymph sac (DLS) administration of ovine corticotropin-releasing hormone stimulates activity of the sympathetic nervous system in the Texas toad, *Bufo speciosus*. 21st Conference of European Comparative Endocrinologists, Bonn, Germany, 26-30 August 2002.