

## CURRICULUM VITAE

**NAME:** Robert D. Bradley

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### EDUCATION:

B.S. - Department of Wildlife & Fisheries Sciences, Texas A&M University, College Station, TX - 1983.

M.S. - Department of Wildlife & Fisheries Sciences, Texas A&M University, College Station, TX - 1986. Advisor - Dr. David J. Schmidly.

Ph.D. - Department of Biological Sciences, Texas Tech University, Lubbock, TX - 1991. Advisor - Dr. Robert J. Baker.

Post-doctoral - University of Texas at Austin, Austin, TX (1991-1992). Advisors - Drs. David M. Hillis and James J. Bull.

Post-doctoral - Texas A&M University, College Station, TX (1992-1994). Advisor - Dr. Rodney L. Honeycutt.

### PRESENT POSITION:

**Professor**, Department of Biological Sciences, Texas Tech University (2006-present)

**Director**, Natural Science Research Laboratory, Museum of Texas Tech University (2015-present)

**Associate Chair**, Department of Biological Sciences, Texas Tech University (2010-present)

**Editor**, *Occasional Papers* and *Special Publications* series, Museum of Texas Tech University (2014-present)

**Curator of Mammals**, Museum of Texas Tech University (1994-present)

**Graduate Faculty**, Texas Tech University (1994-present)

**Museum Science Faculty**, Museum of Texas Tech University (1994-present)

### RESEARCH INTERESTS:

Systematics and molecular evolution in mammals; particularly in geomyoid and cricetid rodents. Examination of hybrid zones between genetically distinct taxa; including isolating mechanisms and the dynamics of genetic introgression. Determining the origin of hybridzymes generated from

hybridization events. Chromosomal evolution and how changes in chromosome structure relate to models and mechanisms of speciation. Examination of the origin and evolution of rodent-borne viruses; especially in the use of rodent phylogenies and genetic structure to predict the transmission and evolution of the virus. Epidemiology and zoonoses of mammalian-borne viruses. Growth and utilization of natural history collections, especially those pertaining to mammals. Development of bioinformatics and how this field can better be interphased with natural history collections. Natural history and distributions of mammalian species. Genetic Species Concept and how it applies to mammals. How genomics and next generation methods can be applied to speciation in mammals. Use of natural history specimens and their associated data to predict distribution relative to environmental and climatic changes. In addition, I am trying to get into the field of mammalian genomics, particularly with using transcriptomes to isolate potential speciation genes and determine evolutionary relationships among mammalian species.

**PROFESSIONAL EXPERIENCE AT TEXAS TECH UNIVERSITY:**

**Director**, Natural Science Research Laboratory, Museum of Texas Tech University (2015-present)

**Associate Chair**, Department of Biological Sciences, Texas Tech University (2010-present)

**Assistant Director**, Natural Science Research Laboratory, Museum of Texas Tech University (2014-2015).

**Editor**, *Occasional Papers* and *Special Publications* series, Museum of Texas Tech University (2014-present)

**Professor** - Department of Biological Sciences, Texas Tech University (2006-present).

**Associate Professor** - Department of Biological Sciences, Texas Tech University (2001-2006)

**Associate Editor**, *Occasional Papers* and *Special Publications* series, Museum of Texas Tech University (1997-2014)

**Assistant Professor** - Department of Biological Sciences, Texas Tech University (1994-2001)

**Curator of Mammals**, Museum of Texas Tech University (1994-present)

**Graduate Faculty**, Texas Tech University (1994-present)

**Museum Science Faculty**, Museum of Texas Tech University (1994-present)

**Teaching -**

ZOOL 3405 (Vertebrate Structure: Fall semesters 1995-1999, 2001) - upper division course pertaining to evolution of the vertebrates.

ZOOL 4406 (Mammalogy: was ZOOL 4306 prior to 2006; Fall semesters 1994, 2002-2014; Junction Intersession 1996-2000, 2003-2016) - upper division course for students in natural sciences.

ZOOL 5402 (Mammalogy: was ZOOL 5306 prior to 2006; Fall semesters 1994, 2003, 2004, 2006-2016; and during Junction Intersession 2007-2010, 2012-2016) - graduate course for students in natural sciences.

ZOOL 4407 (Vertebrate Natural History: Spring semesters 2000, 2001, 2003-2016) - upper division course pertaining to natural history, diversity, and evolution of vertebrates.

ZOOL 5407 (Vertebrate Natural History: Spring semesters 2000, 2001, 2003-2016) - graduate course pertaining to natural history, diversity, and evolution of vertebrates.

ZOOL 6303 (Mammalogy for Advanced Graduate Students: Spring semesters 1995, 1997, 1999, 2001, 2003, 2005, 2008, 2010, 2012) - advanced course in mammalogy.

BIOL 1402 (Biology of Animals: Spring 1995 - team taught; Spring 1996) - introductory biology for nonbiology majors.

BIOL 4110 (Your are a Biology Major: So Now What) – Introductory course for Biology Majors (Spring 2015-2016).

BIOL 4301 (Undergraduate Research) – taught on a regular basis.

BIOL 4305 and 5305 (Organic Evolution: Spring 1997 - team taught) - introductory course in evolutionary methods and ideas.

BIOL 6101 (Seminar in Mammalogy, Mammalian Systematics, or Molecular Evolution: taught each semester) - graduate seminar course.

BIOL 6301 (Molecular Systematics and Evolution: Spring 1998, Fall 2000, Spring 2002, Spring 2004, Spring 2007, Spring 2009, Spring 2011) - graduate course in the principles of molecular systematics and molecular evolution.

ZOOL 6302 (Principles of Systematic Zoology: Fall 1997 - team taught; Spring 2013) - graduate course in principles and theories of systematics.

MUSM 5325 and BIOL 4301 (Field Methods: Summer 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2003-2016) - course in field methods for undergraduate and graduate students.

MUSM 5327 (Museum Collection Management - Guest lectures on Collection Management, Data Recording, etc. (October 2005, February 2006, September 2010, October 2011-2015).

MUSM 5328 (Museum Practicum: taught on demand) - course that provides hands on experience with several topics in Museum Science and Collections Management.

### **Committees - Department of Biological Sciences**

Advisory - 2004, 2005, 2006

Bobby Baker Memorial Scholarship - 2015-present

Curriculum - 1995-1996, 2002-2004

Department Initiatives - 2008-present (Chair 2010-present)

Faculty Search - Molecular Genetics (2002, 2003)

Faculty Search - Mammalogy/Epidemiology 2002 (Chair)

Faculty Search - Population Ecologist (2004)

Faculty Search - Mammalian Functional Genomics 2014-2015

Faculty Search - Plant Phylogenomics 2016

Graduate Student Affairs - 1999-2001, 2007, 2008-2009

Graduate Student Selection - 1995-2002 (Chair 2002-2004)

J Knox Jones, Jr. Memorial Fellowship - 1999-present (Chair 1999-2011)  
 Majors Biology - 1994-1996  
 Michelle C. Knapp Memorial Fellowship - 2008-present (Chair 2008-2011)  
 Nonmajors Zoology - 1994-2002  
 Promotion and Tenure - 2000-2002, 2004-present (Chair 2008-2010)  
 Rene Fonseca Memorial Scholarship Committee - 2010-present (Chair 2010-2011)  
 Safety - 1997-2000 (Chair 1998)  
 Space - 1998-2002, 2004-2012 (Chair 2007-2008)  
 ad hoc reviewer for summer graduate stipends and minigrants - 1997, 2012, 2013

#### **Committees - Museum Sciences**

Academic Committee - 2015-present  
 Collections Review Committee - 2015-2016  
 Curatorial Committee - 2015-2016  
 Executive Management Team - 2015-present  
 Director's Advisory Council, Museum of Texas Tech University - 2014  
 Leadership Team Committee - 2015  
 Promotion and Tenure Museum Science candidate - 2013 (Chair)  
 Search Committee (Chair) - Heritage Management position in the Museum of Texas Tech University - 2007-2008  
 Search Committee - Museum Science Faculty Member, Museum of Texas Tech University - 2012  
 Third Year Review for Promotion and Tenure of a Museum Science Faculty Member - 2013 (Chair), 2015 (Chair)

#### **Committees - Student**

currently serve on several MS and PhD committees

#### **Committees - University**

Adjunct Faculty of The Institute for Environmental and Human Health - 1998-present  
 Advisory Board for the Center for the Study of Regional Economic and Industrial Development (Emerging Infectious Diseases and Environmental and Human Health) - 1997-2001  
 Athletic Council - 2002-2012, (Chair Fiscal Integrity Committee - 2003-2012)  
 Associate of the International Center for Arid and Semiarid Land Studies - 1997-present  
 Biotechnology Building Committee - Bioinformatics - 1999  
 Biotechnology Building Committee - Containment Facilities - 1999-2002  
 Chancellor's Council Distinguished Research Award Committee - 2011  
 Council for Principal Investigators - 2003-2007  
 Graduate School Dean's committee for enhancing graduate education and research - 1998-2000  
 Minigrant Reviewer for Institute of Biotechnology - 1997  
 NCAA Self-Study Subcommittee for Equity and Welfare - 2007-2008  
 Office of Research Services - ad hoc reviewer for ARP - 2005  
 Provost Committee for evaluation of nominees for the Bricker Endowed Chair in Range, Wildlife, and Fisheries Management - 2006  
 Program Review Committee for The Institute for Environmental and Human Health - 2015  
 Reviewer for Graduate School Research Proposals - 1997  
 Search Committee - Director of the Museum of Texas Tech University - 2010  
 Search Committee - Director of the Museum of Texas Tech University - 2015  
 Search Committee - Director of the Texas Tech University Press - 2013-2014  
 Texas Tech Institute for Biotechnology - 1994-1998  
 Tenure Hearing Committee - 2009-2011  
 University Press Editorial Committee - 2002-present

University Veterinary Search - 2006

**Director of the Natural Science Research Laboratory** - The Museum, Texas Tech University. Responsibilities include: oversight of day-to-day operations of the natural history collections. Supervise staff, students, and faculty affiliated with the NSRL. Development of policies and procedures governing the NSRL. Approve loans and other requests from the scientific community. Enhance and further develop the usage and visibility of the NSRL.

**Curator of Mammals** - The Museum, Texas Tech University. Responsibilities include: normal curating activities; enhancement and growth of the mammal collection and other aspects of the Natural Sciences Research Laboratory; and participating in mammalian research.

#### **OTHER PROFESSIONAL EXPERIENCE:**

**Visiting Assistant Professor** - Department of Wildlife and Fisheries Sciences, Texas A&M University and Temporary member of the Graduate and Genetics Faculty, Texas A&M University. Acting Curator of Mammals and Acting Curator of the Frozen Tissues Collection (1992-1993). Teaching responsibilities included: WFSC 401 (Mammalogy, Spring and Fall 1993) - an upper division course for students majoring in the natural sciences (enrollment of 54 and 57), WFSC 300 (Field Studies) - an upper division course designed to provide experience in collecting and preparing scientific specimens as well as developing a natural history perspective of vertebrates (enrollment of 13). WFSC 681 (Graduate Seminar in Molecular Systematics), and WFSC 485 (Independent Research) a senior-level course designed to provide students with experience in conducting research.

**Post-doctoral Researcher** - with Rodney L. Honeycutt, Department of Wildlife and Fisheries Sciences, Texas A&M University, College Station, TX. Responsibilities included: conducting studies of molecular evolution and systematics in rodents and carnivores. Other duties included directing the laboratory, graduate students, and research of Dr. Rodney L. Honeycutt during his appointment at NSF (1992-1993).

**Post-doctoral Researcher** - David M. Hillis and James J. Bull advisors, Department of Zoology, University of Texas at Austin (1991-1992).

**Lecturer** - Department of Zoology, University of Texas at Austin. Taught Biology 301M, "Ecology, Evolution, and Society," an introductory biology course designed for non-biology majors (Fall semester 1991, enrollment of 360, and Spring semester 1992, enrollment of 350).

**Research Associate** - Dr. Llewellyn D. Densmore advisor, Dept. of Biological Sciences, Texas Tech University, Lubbock, TX (Summer 1991).

**Instructor** - Department of Biological Sciences, Texas Tech University. Taught Biology 1402, a course entitled "Biology of Animals", designed for non-biology majors (Spring 1991, enrollment of 300).

**Field Work** - Ten weeks in Honduras, 27 weeks in Mexico, 2 days in Brazil, and extensive time (> 2 years) in the southwestern U.S. collecting mammals. These collecting trips have resulted in the procurement of over 21,000 specimens for scientific study.

#### **SEMINARS AND PAPERS PRESENTED:**

251 Scientific papers presented at a variety of professional meetings through May 2016, including presentations at the annual meetings of The Texas Society of Mammalogists, Southwestern

Association of Naturalists, American Society of Mammalogists, Society for the Study of Evolution, and American Association for the Advancement of Science.

#### **INVITED SEMINARS:**

Factors that effect chromosomal evolution: repetitive DNA in rapidly evolving versus conservative karyotypes. Systematics Group. Department of Wildlife and Fisheries Sciences, Texas A&M University. 1991.

Origin of Novel Alleles. Department of Biological Sciences, Texas Tech University. 1993.

Origin of Novel Alleles. Department of Wildlife and Fisheries Sciences, Texas A&M University. 1993.

Molecular Systematics and Cryptic Species: Lumpers and Splitters Round 2. Department of Zoology, Oklahoma State University. 1998.

Molecular Systematics and Cryptic Species: Lumpers and Splitters Round 2. World Health Organization, Collaborating Center for Tropical Diseases, University of Texas Medical Branch at Galveston. March 1999.

Molecular Systematics and Cryptic Species: Lumpers and Splitters Round 2. Tenure Seminar. Department of Biological Sciences, Texas Tech University. September 1999.

Natural History Collections: Do We Need Another Mouse? Biology Matters Lecture Series. Department of Biological Sciences, Texas Tech University. October 1999.

Importance of Phylogenies in Epidemiological Studies of Rodent-borne Viruses. Robert D. Bradley, Darin S. Carroll, and Cody W. Edwards. International Meeting on Hantaviruses in Ribeirão Preto, Brasil. 10-11 February 2000.

What is *Peromyscus* and Genetic Species in Mammals. IX Congreso Nacional de Mastozoología (Annual Meetings of Asociación Mexicana de Mastozoología, A.C.). Centro Universitario de la Costa Sur, Universidad de Guadalajara, Autlán de la Grana, Jalisco, Mexico. 22-26 September 2008. Magistral Speaker (Keynote Address).

*Peromyscus* as a Model for Genomics Research. Mini-symposium for Genomics Research at Texas Tech University. 22-23 February 2010.

Molecular Systematics: From the Field to the Lab. Department of Biology, Amarillo College. 10 November 2011.

Molecular Systematics: From the Field to the Lab. SACNAS, Texas Tech University. 12 February 2014.

What is Undergraduate Research? HOSA (Health Occupational Students of America), Texas Tech University. 11 March 2015.

#### **INVITED WORKSHOPS:**

Wildlife Biologist Biosafety Meeting. Center for Disease Control and Prevention, Atlanta GA. 26-27 August 2010.

**INVITED PROJECTS:**

Invited by Gerardo Ceballos to co-author the rodent chapter (Cricetidae. Pps. 623-801) in *Mammals of Mexico*, G. Ceballos and G. Oliva, editors. This book was published by Johns Hopkins Press in 2014.

Invited by David J. Schmidly to co-author a revision of *Mammals of Texas*. This book was published by University of Texas Press in 2016.

Invited by Ulyses Pardiñas to co-author the rodent chapter (Cricetidae) in *Mammals of South America*, Ulyses Pardiñas, editor.

**AWARDS AND HONORS:**

Integrated Scholar - 2015-2016

Paul Whitfield Horn Nominee - 2014, 2015, 2016

Outstanding Researcher - College of Arts and Sciences (Natural Sciences and Mathematics) - 2011

Barrie E. Rushing, Jr. - Faculty Distinguished Research Award Nominee - 2011

Faculty Appreciation - chosen by a Kappa Alpha Theta student as an Outstanding Professor - 2010

One of several Faculty named by Phi Beta Kappa students as Outstanding Professors - 2007

Elected to Board of Directors, Texas Genetics Society - 2007

Fellow, The Texas Academy of Science - 2006

Named one of several Outstanding Faculty Members by students at the commencements - December 2005, August 2006, May 2007

Faculty Appreciation - chosen by a Mortar Board Honor Society student as an Outstanding Professor - 1996

Faculty Appreciation - chosen by a Mortar Board Honor Society student as an Outstanding Professor - 1995

Texas Tech University Biological Science Forum, Award for Outstanding Graduate Student Presentation - 1991

Texas Tech University Biological Science Graduate Student Research, Award for Outstanding Research by a Graduate Student - 1991

Albert R. and Alma Shadle Fellowship in Mammalogy, American Society of Mammalogists - 1990

**PROFESSIONAL SOCIETIES:**

American Society of Mammalogists (1983-present)

Life Member (1991)

Patron Member (1998)

committees: Education and Graduate Students (1990-1992)  
 Merriam Award (1994-1996)  
 Grants-In-Aid of Research (1994-2001; Chair, 1996-2000)  
 Systematics Collection (2000-present)  
 Associate Editor (2001-2005; 2006 temporary assignment)  
 Frontiers in Ecology and Evolution - Review Editor for Phylogenetics, Phylogenomics, and  
 Systematics (2013-present)  
 Society for Molecular Biology and Evolution (1994-present)  
 Society for the Study of Evolution (1986-present)  
 Society for the Study of Mammalian Evolution (1994-present)  
 Society of Systematic Biologists (1984-present)  
 Southwestern Association of Naturalists (1984-present)  
 committees: *ad hoc* Nominations Committee (1992-1997)  
 Texas Society of Mammalogists - 1984-present  
 President-elect (2001-2002)  
 Patron Member (2002)  
 President (2002-2003)  
 Bobcat Member (2005)  
 committees: Student Presentations Evaluator (1994-1996)  
 Executive (2002-present)  
*ad hoc* Membership (2007-2008)  
 Auctioneer (2003-present)  
 Texas Academy of Science (1985-present)

#### **GRANTS:**

Total of seven grants (\$4,000.00) funded during graduate student tenure.

Albert R. and Alma Shadle Fellowship In Mammalogy - American Society of Mammalogists. 1990. \$3,750.

U.S. Fish and Wildlife. - "Taxonomic Status of Hog-nosed Skunks (genus *Conepatus*)". Co-PI with Rodney L. Honeycutt and Jerry W. Drago. 1994. \$12,000. Bradley declined as he moved to TTU.

Texas Tech University, Institute for Biotechnology Minigrant - "Horizontal gene transfer in *Drosophila*: the role of *Proctolaelops regalis*". 1994. Co-PI with Marilyn A. Houck. \$11,000 for one year.

Texas Parks and Wildlife Department - "Lubbock Lake Landmark State Historical Park Faunal Survey". 1995. Co-PI with Robert J. Baker. \$4,132 for two years.

Pantex Treatment Facility, DOE - "Risk assessment using small mammals as a model". 1996. Co-PI with Robert J. Baker. \$40,000 for one year.

National Biological Service - "Small Mammal and Reptile Abundance, Diversity and Associations with Habitat on the McGregor Range, Ft. Bliss". 1996. Co-PI with Robert J. Baker. \$661,455 for three years.

Pantex Treatment Facility, DOE - "Risk assessment using small mammals as a model". 1997. Co-PI with Robert J. Baker. \$40,000 for one year.



NIH (DHHS-A141435-03) - "Ecology of Emerging Arenaviruses in the Southwestern U.S.". 1997. Charles F. Fulhorst and Robert B. Tesh as PIs. Total grant - \$721,926. 08/01/98- 07/31/00. Subcontract for \$161,183 for three years.

NIH (#5-D43-TW00903-05-A141435-03) - "Emerging and Re-Emerging Rickettsioses in Latin America". Total grant – \$764,851. 1997. CO-PI - with David H. Walker. 09/20/97- 09/19/02. Subcontract for \$48,600 for five years.

ARP - "Hantavirus Transmission: Potential Role of Arthropods". \$193,612. 1997. Co-PI with Houck and Tesh. \$96,050 for two years to Marilyn A. Houck and Bradley.

NSF (DBI-9808928) - "Enhancement of Collections and Safety at the Museum, Texas Tech University". \$118,818. 01/06/98-31/05/99. Co-PIs Robert J. Baker, Clyde Jones, David J. Schmidly, and Richard E. Strauss for one year.

Texas Nature Conservancy - "Vertebrates of the Davis Mountains, Texas". 1998. Co-PIs Clyde Jones, David J. Schmidly, Robert D. Bradley, and Robert J. Baker. \$15,000 for three years.

DOD - "Risk Based Approaches for Improved Toxic Chemical Management for Environmental and Human Health Issues in the Department of Defense". 1999. Ronald Kendall (PI), ca. 15 Co-PIs, for ca. \$1,594,976. The sub-budget for the Terrestrial Toxicology group is \$246,114, Bradley's sub-budget for "Phase I (09/01/1999-12/31/1999)" was \$8,093.

DOD - "Risk Based Approaches for Improved Toxic Chemical Management for Environmental and Human Health Issues in the Department of Defense". 2000. Ronald Kendall (PI), ca. 15 Co-PIs. Bradley's sub-budget for "Phase II (01/01/2000-10/15/2000)" was \$820.

NIH (DHHS-A141435-07) - "Ecology of Emerging Arenaviruses in the Southwestern U.S.". 2000. Charles F. Fulhorst and Bradley as PIs. Total grant - \$1,676,610. 09/31/00-05/31/05. Bradley's subcontract was \$427,088 for five years.

NIH Score Program at University of the Incarnate Word (2 S06 GM55337-05)– “Ecology of Leishmania and its Rodent Host”. 2001. Sara F Kerr as PI and four Co-PIs. Total Grant - \$905,541. 09/01/01-07/31/05. Bradley's subcontract was \$129,434 for four years.

NIH - National Center on Minority Health and Health Disparities -“West Texas Rural EXPORT Center”. 2005. Patti Patterson, PI. Bradley received \$25,000 for one year.

NSF (DBI-0545040) – “Collection Enhancement, Enlargement, and Compactorization at the Natural Science Research Laboratory”. 2006. Bradley (PI) and Robert J. Baker (Co-PI). \$155,152 for three years. 04/01/06-03/31/08. University matching for Graduate Student Stipend - \$28,182 for 2006, \$28,151 for 2007, and \$28,817 for 2008.

TTU VP for Research – Research Instrumentation Support “Applied Biosystems 3100-Avant sequencer (2 instruments); Gene Codes Corporation software upgrade. 2008. Bradley (PI) and Robert J. Baker Co-PI. \$20,100.

TTU VP for Research – Research Enhancement Fund. Determination of Cellular Receptors in New World Arenaviruses. 2008. Bradley (PI). \$34,143.

TTU VP for Research - “Assessment of Wind Turbines on the Chiropteran Fauna At the Reese Technology Center”. 2011-2014. 2011. Bradley (PI) and Robert J. Baker Co-PI. \$90,705.

New Brunswick Wildlife Trust Fund - “Investigating the Taxonomic Status and Island biogeography of *Peromyscus maniculatus argentatus*”. 2011-2012. Huynh, McAlpine, Baker, and Bradley (Co-PIs). \$6,160.

TTU FY2014 Proposal Stimulus Program “Genes and Transcriptomes: Predicting Speciation in Mammals”. 2013-2014. Bradley (PI). \$8,750.

US-Ethiopian University Linkage Seed Money Competition – Genetic Characterization of Ethiopian Camels. 2013-2014. Seid Mohammed, Yoseph Legesse, Gad Perry, and Robert D. Bradley. \$15,000.

State Comptroller’s Office (RFP# 209f) - “Endangered Species Research for the Texas Kangaroo Rat”. \$205,543. R. Stevens, D. Ray, N. Platt, and R. D. Bradley - Co-PI. 2014-2017.

The CH Foundation - “Mechanical Assist System Installing/Retrofitting Project”. Eileen Johnson (PI), Robert D. Bradley (Co-PI), and Cameron Saffel (Co-PI). \$37,751. 6/1/15-12/31/15.

The CH Foundation - “Endowment for Mammalian Research at the Natural Science Research Laboratory”. Robert J. Baker (Co-PI) and Robert D. Bradley (Co-PI). \$125,000. 8/7/15. This endowment is eligible for TRIP matching in July of 2017.

Sandia - “SNL/Bird & Bat Environmental Study for the Experimental Wind Farm”. \$152,750. Clint Boal (PI), Robert J. Baker and Robert D. Bradley (Co-PIs). 9/01/13-9/20/15.

NSF (CSBR) 1451925 – “Natural history: development of a liquid nitrogen system for the Genetic Resources Collection, Natural Science Research Laboratory, Museum of Texas Tech University”. Robert J. Baker (PI) and Bradley (Co-PI). \$412,012 for three years. 09/01/15-08/31/18.

Texas Parks and Wildlife Department - “Population and conservation status of Texas pocket gophers *Thomomys bottae* in Texas with a focus on the subspecific status of (*Geomys* and *Thomomys*) via populations genomic tools”. \$118,608. D. Ray, R. Stevens, and R. D. Bradley - Co-PI. 2016-2018.

The Helen Jones Foundation - From the African Savannah to the North American Grassland - an Up From the Basement Exhibit. \$65,000. Eileen Johnson and R. D. Bradley (Co-PIs). 2016-2018.

#### **GRANTS PENDING:**

Wild Sheep Foundation - “Status of bighorn sheep in Texas: translocation history, disease risk potential, and establishment of archival tissue collection for range-wide disease surveillance”. \$50,000. Warren Conway (PI), Robert. D. Bradley, Caleb D. Phillips, and Samuel Cunningham - Co-PIs. 2016-2018.

#### **POSTDOCTORAL ADVISEES:**

1. Franklin D. Yancey II (1996-1997) – Instructor at a Junior College in Orange County California.
2. John D. Hanson (2008-2009) – Research and Testing Laboratory, Lubbock, TX.

#### **GRADUATE STUDENT ADVISEES:**

**Current Students:**

Kathy MacDonald (PhD, Co-chaired with Richard E. Strauss)  
 Laramie Lindsey (PhD)  
 Emma K. Roberts (PhD)  
 Craig Tipton (PhD, Co-chaired with Caleb Phillips)  
 Taylor Soniat (MS)  
 Jack Francis (MS)  
 Emily A. Wright (MS)  
 Lindsay Stone (MS)

**Graduated Masters Students:**

1. Charlene L. Mauk (MS, 1996) - "Morphometric Analysis Of Seven Species Of Pocket Gophers (*Geomys*)". Instructor of Biology, Department of Natural Sciences, Weatherford College, 225 College Park Drive, Weatherford, Texas 76086
2. Sara A. Hrachovy (Co-chair with Marilyn A. Houck; MS, 1997) - "Mite (Acari) Associates Of Seven Species Of *Geomys* (Rodentia: Geomyidae)". Instructor of Biology, Palo Alto College, 1400 West Villaret Blvd., San Antonio, TX. 78224
3. J. Jeffery Root (Co-chair with Steve Demarais; MS, 1997) - "Microsite And Habitat Boundary Influences On Small Mammal Capture, Diversity, And Movements". Research Wildlife Biologist, USDA-APHIS-WS, National Wildlife Research Center, 4101 La Porte Ave., Fort Collins, CO 80521-2154
4. Ted W. Jolley (Co-chair with Robert J. Baker; MS, 1997) - "Evolution Of The 12S rRNA Gene In Pocket Gophers (Genus *Geomys*)". General and Cosmetic Dentistry, 10319 West Markham, Suite 100, Little Rock, AR 72205
5. Lottie L. Peppers (MS, 1998) - "Molecular Systematics Of The Genus *Sigmodon*". Science Teacher, Wake County Public School System, Cary, NC, 27518.
6. Stacy J. Mantooth (Co-Chair with Clyde Jones; MS, 1999) - "Molecular Systematics Of *Dipodomys elator*". PhD Student, Ecology and Evolutionary Biology Section, School of Life Sciences, University of Nevada, Las Vegas, 4505 Maryland Parkway, Las Vegas, NV 89154-4004
7. Irene Tiemann-Boege (MS, 1999) - "Molecular Phylogenetics Of The *Peromyscus boylii* Species Group". Assistant Professor, Johannes Kepler University, Institute of Biophysics, Altenbergerstr. 69, 4040, Linz, Austria
8. Melinda L. Clary (MS, 2000) - "Ecology Of Small Mammals In The Northern Chihuahuan Desert". Senior Environmental Project Manager, NEPA/Natural Resources Team Leader, URS Corporation, 9400 Amberglan Boulevard, Austin, Texas 78729
9. Serena A. Reeder (MS, 2003) - "Systematics Of Neotomine-Peromyscine Rodents Based On Nuclear And Mitochondrial DNA Sequences". Microbiologist, Special Pathogens Branch, Centers for Disease Control & Prevention, 1600 Clifton Road, MS G-14, Atlanta, GA 30333
10. John R. Suchecki (MS, 2003) - "Natural History Of The Southern Plain's Woodrat (*Neotoma micropus*) In South Texas". Firefighter/EMT, Houston Fire Department, 500 Jefferson, Suite 1600, Houston, Texas 77002

11. Lisa K. Longhofer (MS, 2004) - "Molecular Systematics Of The Genus *Neotoma* Based On Nuclear DNA Sequences From Intron 2 of the Alcohol Dehydrogenase Gene". Orthopedic Surgery Resident, KU School of Medicine-Wichita, 1010 North Kansas, Wichita, KS 67214-3199
12. Holly A. Heckmann (Nonthesis MS, 2005) - "Anthropology, Osteology, Mammalogy, And Museum Science: a Comparative Approach to Forensics". Associate Professor, Austin Community College and San Antonio College
13. B. Dnate' Baxter (MS, 2006) - "Middens, Family Units, And Relatedness Of The Southern Plains Woodrat (*Neotoma micropus*): A Genetic Perspective". Professional Research Assistant, Rocky Mountain Taste and Smell Center, Dept of Cell and Developmental Biology, University of Colorado at Denver - Health Sciences, 12801 E 17th Ave Aurora, CO 80045
14. Ryan R. Chambers (MS, 2008) - "Phylogenetic Relationships Within *Geomys*: Evidence From Nuclear And Mitochondrial Genes". Forensic Scientist, Department of State Police - Forensic Services Division, 13309 SE 84th Ave., Suite 200, Clackamas, OR 97015
15. Dallas D. Henson (MS, 2008) - "Phylogenetic Relationships Within *Sigmodon*: Evidence From Nuclear And Mitochondrial Genes". DNA Analyst III, Harris County Medical Examiner's Office, 1885 Old Spanish Trail, Houston, TX 77054
16. R. Neal Platt II (MS, 2008) - "Molecular Phylogenetics Of The Genus *Peromyscus* Based On Mitochondrial And Nuclear Markers: Further Evidence Of Paraphyly". Postdoctoral Fellow, Texas Tech University, Lubbock, TX 79409
17. Sheri B. Westerman (MS, 2010) - "Role of transferrin receptor 1 as the host receptor for North American arenaviruses". Forensic Scientist, Research and Development Division, Orchid Cellmark, Inc., 13988 Diplomat Dr., Ste. 100, Farmer's Branch, TX 75234
18. Amanda Lawrence (MA - 2011) - "Evaluation, Maintenance, and Care of Mounted Taxidermy Collections in natural History Museums". Curatorial Research Assistant, National Museum of Natural History, Smithsonian Institute, Washington DC.
19. Timothy McSweeny (MA - 2014) - "Testing for Formaldehyde in the Museum Environment". Present position, unknown.
20. Jon H. Falcone (Co-Chaired with Dr. Patricia Moody Harveson at Sul Ross State University (MS - 2015) - "The Taxonomic and Conservation Status of the Pecos River Muskrat". Technical and Support Specialist, International Environmental Associates, Houston, TX.
21. Christopher D. Dunn (MS - 2016) - "Genetic Diversity and the Origin of Contemporary Eastern Elk (*Cervus canadensis*) Populations in Texas".

#### **Graduated PhD Students:**

1. Cody W. Edwards (PhD, 2000) - "Molecular systematics and the historical phylobiogeography of the genus *Neotoma*". Associate Professor, Department of Environmental Science & Policy, George Mason University, 4400 University Dr., MSN 5F2, Fairfax, VA 22030
2. Darin S. Carroll (PhD, 2002) - "Molecular Phylogenetics of the genus *Sigmodon* based on nuclear and mitochondrial DNA sequences". Animal Studies and Ecology Unit Leader, Centers for

Disease Control and Prevention, CCID/DVRD/PRB/Poxvirus Program, Bldg 15 1611A MS-G43, Atlanta GA 30333

3. Brian R. Amman (PhD, 2005) - "Molecular systematics of *Peromyscus* and allies based on nuclear and mitochondrial DNA sequences". Ecologist, Centers for Disease Control and Prevention, National Centers for Zoonotic, Vector-borne and Enteric Diseases, Division of Viral and Rickettsial Diseases, Special Pathogens Branch, Medical Ecology Unit, Atlanta, GA 30333, Bldg. 18, B -178, MS A-26
4. Francisca M. Mendez-Harclerode (PhD, 2005) - "Population genetics of the southern plains woodrat (*Neotoma micropus*)". Assistant Professor, Department of Biology, Bethel College, 300 E. 27th Street, North Newton, KS 67117-8061
5. Michelle L. Haynie (PhD, 2006) - "Population genetics of four species of *Neotoma* from the southwestern United States". Assistant Professor, Department of Biology, University of Central Oklahoma, 100 N. University Dr., Edmond, OK 73034
6. J. Delton Hanson (PhD, 2008) - "Phylogenetic relationships of the Oryzomyini: use of multiple datasets to resolve a systematic conundrum". Research Scientist, Research and Testing Laboratory, Lubbock, TX 79407
7. Cody W. Thompson (PhD, 2013) - "Implications of hybridization between the Rio Grand ground squirrel (*Ichthyomys parvidens*) and the thirteen-lined ground squirrel (*I. tridecemlineatus*)". Mammal Collections Manager and Assistant Research Scientist, University of Michigan, Museum of Zoology, 1109 Geddes Avenue, Ann Arbor, Michigan 48109
8. Matthew R. Mauldin (PhD, 2014) - "Genotypic examination of gene flow between non-sister species of woodrats (*Neotoma floridana* and *N. micropus*) through use of multiple temporal and geographic sampling events". Postdoctoral Fellow, CDC, Atlanta, Georgia 30333
9. Megan S. Keith (PhD, 2015) - "Phylogenetic Relationships, Divergence, and Radiation within the Subfamily Neotominae (Rodentia: Cricetidae)". Faculty Member, South Plains College, Levelland, Texas.
10. Nicté Ordóñez-Garza (PhD, 2016) - "Diversification of cricetid rodents in the montane regions of Mesoamerica: Is the Isthmus of Tehuantepec a vicariant barrier?". Research Associate, Natural Science Research Laboratory, Texas Tech University.
11. Juan P. Carrera Estupinan (PhD, 2016) - "Diversity, zoogeography, and community ecology of Bats in the Ecuadorian Andes?". Research Associate, Natural Science Research Laboratory, Texas Tech University. (Dr. Carrera was Co-Chaired with Dr. Carleton Phillips).

#### **UNDERGRADUATE STUDENT ADVISEES:**

Roslyn Martinez (HHMI, 1994-1999)  
 Darin Bell (Clark Scholar, 1994; HHMI, 1995 -1998; Goldwater Fellow, 1997)  
 Lottie Peppers (HHMI, 1995-1996; Earl Camp Scholar, 1996)  
 Sunipa Reddy (1996)  
 Rita Lundgren (1997)  
 George Barnett (1997)  
 Melinda Clary (1997-1998)

Kristina Holcomb (1997-1999)  
Jennifer Johnston (1998-1999)  
Elizabeth Biles (1999-2000)  
Amy Vestal (2001-2002)  
Nevin Durish (2001 - 2006; HHMI 2002-2005)  
D'nate Cabiness (2002-2003)  
Lisa Longhofer (2002-2003)  
Brent Lawlis (2002-2003, Honors Thesis)  
Kara Graham (2003, HHMI)  
Ryan Chambers (2004-2005)  
Dallas Henson (2005)  
Andrew Stallings (2005-2006)  
Robert K. Baker (HHMI, 2005-2007)  
Christine Hoang (2007)  
Daniel Penney (2007)  
Megan Corley (2007-2008)  
Matt Maulden (2008-2009)  
Erica Vargas (2008-2010, HHMI)  
Alex Banovic (2008-2009)  
Amanda Wenzel (2008-2009)  
Kasey Dowden (2008-2009)  
Wayne Coble (2008-2009)  
Ashley Winkler (2008-2009)  
Allie Clinton (2009-2010, HHMI)  
Lindsey Slaton (2010)  
Elizabeth Portillo (2010)  
Obed Gomez (2010)  
Nick Rohr (2010-2011)  
Valerie Rogers (2010-2011)  
Aubrey McCullough (2010-2011)  
Rami Alrayes (2010-2011)  
Emma Roberts (2011)  
Jenny Brekke (2011-2012)  
Chris Dunn (2012)  
Ray Garza (2012)  
Jessie Norman (2012-2013)  
Sainobu Jokomba (2012)  
Jacob Howard (2012)  
Haley Sparks (2012)  
Bianca Peters (2012-2013)  
Josh Misenhimer (2012)  
Tyler McAllister (2012)  
Colton Albrecht (2013)  
Zach Zimmerman (2013-2014)  
Kelby Neider (2013-2014)  
Clinton Gabel (2013-2015)  
James Francis (2014-2015)  
Uyi Aisueni (2014)  
Marisa Wagley (2014-present, CISER)  
Maria Nunez (2014-2016, HHMI, CISER)  
Gage Rowden (2014-2015, CISER)

Sarah Roth (2014)  
 Shawn Macha (2014-2015)  
 Yelena Tyo (2014-2015)  
 Alicia Wafa (2014-2015)  
 Catarina Pizana (2014-2015)  
 Whitney Watson (2015-present, CISER)  
 Zach Middleton (2015)  
 Megan Spradley (2015-2016)  
 Amanda Voigtel (2015-2016)  
 Kelsey Donckels (2015-2016)  
 Mariah Mills (2016)  
 Zach Nue (2016)  
 Madison Webster (2016)  
 Irene Vasquez (2016)  
 Cassie Poehlein (2016)

**GRADUATE STUDENT COMMITTEES:**

Alisa Abuzeineh (MS, 2005)  
 Ashish Bashyal (MS, 2012)  
 Ashish Bashyal (PhD, withdrew)  
 Susan Carron Cain (MS, 1995)  
 Cibele Caio (PhD, 2015)  
 Cynthia Caplin (MS, 1998)  
 Chris Carter (PhD)  
 Leslie A. Chasteen (MS, 1997)  
 Emily Conant (MS NRM, 2016)  
 Seth Davis (MS NRM, 1998)  
 Jennifer Deavors (PhD, 2000)  
 James Andrew DeWoody (PhD, 1997)  
 Yelena V. Dunina-Barkovskaya (MS, 2004)  
 John Dunnum (PhD, 2009)  
 Amber Duran (MS - nonthesis, 2011)  
 Burhan M. Gharaibeh (PhD, 1997)  
 Celia Lopez-Gonzales (PhD, 1998)  
 Rene Fonseca (PhD, deceased 2004)  
 Adam Fuller (PhD, 2004)  
 Adam Ferguson (PhD, 2014)  
 Jessica Garcia (MS, 2013)  
 Ozlen Grantham (PhD, 1999)  
 Brandon Gross (MS)  
 Chris Hice (PhD, 2003)  
 Krystal Hinerman (MA, 2007)  
 Federico Hoffman (PhD, 2002)  
 Tyla Holsomback (PhD, 2013)  
 Mariko Kageyama (MS, 2003)  
 Nayaran Kendall (PhD)  
 Michelle Knapp (PhD, deceased 2006)  
 Peter A. Larsen (PhD, 2010)  
 Roxanne Larsen (PhD, 2011)  
 Nicole Lewis-Oritt (MS, 2000)  
 Maryann R. Lynch (MS, 1995)

Mary Maltbie (PhD, 1997)  
 Hugo Manitilla (PhD, 2010)  
 Kataryna Markova (PhD, 1999)  
 L. Rex McAliley (PhD, 2006)  
 Rachael McCaffery (MS, 2001)  
 Preston McDonald (MS, withdrew)  
 Molly McDonough (PhD, 2013)  
 Heather Meeks (PhD, 2009)  
 Steve Mezik (MS - nonthesis, 1997)  
 John R. Middleton (MS, 2007)  
 Andrea Miranda (MS - nonthesis, 2005)  
 Tony Monasmith (MS, 1997)  
 Robert Richard Monk (PhD, 1997)  
 Anton Nekrutenko (PhD, 1999)  
 Nicté Ordóñez-Garza (MS, 2008)  
 Mark B. O'Neil (MS, 2001)  
 Deidra Parish (PhD, 2003)  
 Julie Parlos (PhD, 2015)  
 Johnny A. Peppers (PhD, 1998)  
 Madison S. Powell (PhD, 1995)  
 David Ray (PhD, 2002)  
 Elizabeth Richards (PhD, 2001)  
 Kristi J. Roberts (MS, 1998; PhD, withdrew)  
 David Rodriguez (PhD, 2007)  
 Ellen Roots (MS, 1998)  
 Stephen Roussos (PhD, 2015)  
 Norma Salcedo (PhD, 2007)  
 Sergio Solari (PhD, 2007)  
 Lizette Siles (PhD, 2014)  
 John Stuhler (PhD)  
 Kevin Sullivan (PhD)  
 Vicki Swier (PhD, 2008)  
 Courtney Thomason (PhD, 2014)  
 Sergio I. Tiranti (MS, 1996; PhD, withdrew)  
 Miryam Venegas-Anaya (PhD, 2014)  
 A. Michele Wallace (MS, 1998)  
 George Wang (MS, 2001)  
 Brittany Webb (MS, 2012)  
 Brian Weeks (MS, 1997)  
 Jeff Wickliffe (PhD, 2002)  
 Jeff Wilkerson (PhD, 1997)  
 Ray Willis (PhD, 2006)  
 Daniel Wondmagegne (PhD, 2016)

**EXHIBITS:**

Museum of Texas Tech University - "Rats, Bats, and a Whole Lot More: Expeditions by the Natural Science Research Laboratory, 1994-2008". May-September 2010. Lisa C. Bradley, Robert J. Baker, and Robert D. Bradley (exhibitors).

Museum of Texas Tech University - "Antarctica - Pioneering American Explorations of the Frozen Continent". 2015-2016. Robert D. Bradley (contributor to text used in exhibit).



Museum of Texas Tech University - “In the Blood: the War Between Vampires and Werewolves”. 2016-2017. Gary Morgan (lead), Andrew Gideon, Lisa C. Bradley, and Robert D. Bradley (contributors).

#### **NEWS ARTICLES AND FEATURES:**

Feature Research article in Science News for Kids - “Cool Jobs in Museum Science”. Written by Sharon Oosthoek. <http://www.sciencenewsforkids.org/2013/02cool-jobs-museum-science/>

Feature Research article in Texas Tech Today - “Texas Tech Research Plays Key Role in Identifying Disease”. Written by John Davis.  
<http://today.ttu.edu/2013/05/texas-tech-research-plays-key-role-in-identifying-disease/>

Front Page Avalanche Journal - “Prairie Dogs Adjust to New Burrows in Relocation Project” (29 June 2015). Interview by Josie Musico, Agriculture writer for the AJ.

Integrated Scholar video (2016) for TTU Provost Office. <https://youtu.be/E86f5ZMSPAI>

Avalanche Journal - “South Plains Skunks Out and About in “Fall Shuffle” (19 September 2016). Interview by Josie Musico, Agriculture writer for the AJ. <http://lubbockonline.com/local-news/2016-09-19/south-plains-skunks-out-and-about-fall-shuffle#>.

M - Magazine of the Museum of Texas Tech University - An Interview with Robert D. Bradley, PhD” (Fall-Winter 2016).

Texas Tech’s NSRL: Where the Wild Things Are (11 January 2017) Part 1. Interview and article by Heidi Toth, writer for Texas Tech Today. <http://today.ttu.edu/posts/2017/01/nsrl-1>

Texas Tech’s NSRL: Where the Wild Things Are (25 January 2017) Part 2. Interview and article by Heidi Toth, writer for Texas Tech Today. <http://today.ttu.edu/posts/2017/01/nsrl-2>

#### **PUBLICATIONS:**

1. Smith, Steven A., Robert D. Bradley, and Ira F. Greenbaum. 1986. Karyotypic conservation in the *Peromyscus mexicanus* group. *Journal of Mammalogy*, 67:584-586.
2. Bradley, Robert D., and Jan Ensink. 1987. Karyotypes of five cricetid rodents from Honduras. *Texas Journal of Science*, 39:171-175.
3. Bradley, Robert D., and David J. Schmidly. 1987. The glans penes and bacula in Latin American taxa of the *Peromyscus boylii* group. *Journal of Mammalogy*, 68:596-616.
4. Schmidly, David J., Robert D. Bradley, and Paisley S. Cato. 1988. Morphometric differentiation and taxonomy of three chromosomally characterized groups of *Peromyscus boylii* from east-central Mexico. *Journal of Mammalogy*, 69:462-480.
5. Bradley, Robert D., Ronald A. Van Den Bussche, Calvin A. Porter, and Meredith J. Hamilton. 1988. The harvest mouse, (*Reithrodontomys humulis*), in central Oklahoma, with comments on its karyotype. *Texas Journal of Science*, 40:449-450.

6. Baker, Robert J., Scott K. Davis, Robert D. Bradley, Meredith J. Hamilton, and Ronald A. Van Den Bussche. 1989. Ribosomal-DNA, mitochondrial-DNA, chromosomal, and allozymic studies on a contact zone in the pocket gopher, *Geomys*. *Evolution*, 43:63-75.
7. Bradley, Robert D., David J. Schmidly, and Robert D. Owen. 1989. Variation in the glans penes and bacula among Latin American populations of the *Peromyscus boylii* species complex. *Journal of Mammalogy*, 70:712-725.
8. Bradley, Robert D., David J. Schmidly, and Robert D. Owen. 1990. Variation in the glans penes and bacula among Latin American populations of *Peromyscus aztecus*. *Occasional Papers, the Museum Texas Tech University*, 135:1-15.
9. Bradley, Robert D., Scott K. Davis, J. Mark Bayouth, Meredith J. Hamilton, Mary Maltbie, and Robert J. Baker. 1991. Chromosomal distribution of some repetitive DNA sequences in pocket gophers (*Geomys*, *Cratogeomys*, and *Thomomys*) as determined by *in situ* hybridization. *Occasional Papers, the Museum, Texas Tech University*, 141:1-14.
10. Bradley, Robert D., Scott K. Davis, and Robert J. Baker. 1991. Genetic control of premating-isolating behavior; Kaneshiro's hypothesis and asymmetrical sexual selection in pocket gophers. *Journal of Heredity*, 82:192-196.
11. Bradley, Robert D., Scott K. Davis, Samuel F. Lockwood, John W. Bickham, and Robert J. Baker. 1991. Hybrid breakdown and cellular DNA content in a contact zone between two species of pocket gophers (*Geomys*). *Journal of Mammalogy*, 72:697-705.
12. Lee, Thomas E., Jr., and Robert D. Bradley. 1992. New distributional records of some mammals from Honduras. *Texas Journal of Science*, 44:109-111.
13. Baker, Robert J., Mary Maltbie, James G. Owen, Meredith J. Hamilton, and Robert D. Bradley. 1992. Reduced number of ribosomal DNA sites in bats: evidence for a mechanism to contain genome size. *Journal of Mammalogy*, 73:847-858.
14. Powell, Matt S., James G. Owen, and Robert D. Bradley. 1993. Noteworthy records of bats from Honduras. *Texas Journal of Science*, 45:179-182.
15. Bradley, Robert D., James J. Bull, Andrew D. Johnson, and David M. Hillis. 1993. Origin of a novel allele in a mammalian hybrid zone. *Proceedings National Academy of Sciences*, 90:8939-8941. PMID: PMC47476
16. Van Den Bussche, Ronald A., Ronald K. Chesser, Meredith J. Hamilton, Robert D. Bradley, Calvin A. Porter, and Robert J. Baker. 1993. Maintenance of a narrow hybrid zone in *Peromyscus leucopus*: a test of alternative models. *Journal of Mammalogy*, 74:832-845.
17. Dragoo, Jerry W., Rodney L. Honeycutt, Robert D. Bradley, and Joe W. Templeton. 1993. Molecular phylogeny of the skunks (Mustelidae: Mephitinae). *Journal of Mammalian Evolution*, 1:255-267.
18. Nedbal, Michael A., David J. Schmidly, and Robert D. Bradley. 1994. New records of three bat species in Texas. *Texas Journal of Science*, 46:195-196.

19. Bradley, Robert D., and Holly A. Wichman. 1994. Rapidly evolving repetitive DNAs in a conservative genome: a test of factors that affect chromosomal evolution. *Chromosome Research*, 2:354-360.
20. Jones, J K., Jr., Robert D. Bradley, and Robert J. Baker. 1995. Hybrid pocket gophers and some thoughts on the relationship of natural hybrids to the rules of nomenclature and the Endangered Species Act. *Journal of Mammalogy*, 76:43-49.
21. Schmidly, David J., and Robert D. Bradley. 1995. Morphological variation in the Sinaloan mouse, *Peromyscus similus*. *Revista Mexicana de Mastozoologia*, 1:44-58.
22. Bradley, Robert D., Robert D. Owen, and David J. Schmidly. 1996. Morphological variation in *Peromyscus spicilegus*. *Occasional Papers, the Museum, Texas Tech University*, 159:1-23.
23. Baker, Robert J., Andrew D. Simmons, Madison S. Powell, Jonathan L. Longmire, and Robert D. Bradley. 1996. Heterochromatic markers in pocket gophers: their utility in identification of species. Pp. 25-34 *in Contributions in Mammalogy: A Memorial Volume Honoring Dr. J. Knox Jones, Jr.* (H. H. Genoways and R. J. Baker, eds). Museum of Texas Tech University, Lubbock.
24. Bradley, Robert D., Schmidly, David J., and C. William Kilpatrick. 1996. The relationships of *Peromyscus sagax* to the *P. boylii* and *P. truei* species groups in Mexico based on morphometric, karyotypic, and allozymic data. Pp. 95-106 *in Contributions in Mammalogy: A Memorial Volume Honoring Dr. J. Knox Jones, Jr.* (H. H. Genoways and R. J. Baker, eds). Museum of Texas Tech University, Lubbock.
25. Chesser, Ronald K., Robert D. Bradley, Ronald A. Van Den Bussche, Meredith J. Hamilton, and Robert J. Baker. 1996. Maintenance of a narrow hybrid zone in *Geomys*: results from contiguous clustering analyses. Pp. 35-45 *in Contributions in Mammalogy: A Memorial Volume Honoring Dr. J. Knox Jones, Jr.* (H. H. Genoways and R. J. Baker, eds). Museum of Texas Tech University, Lubbock.
26. Hrachovy, Sara K., Robert D. Bradley, and Clyde Jones. 1996. *Neotoma goldmani*. *Mammalian Species*, 545:1-3.
27. Bradley, Robert D. and David M. Hillis. 1997. Recombinant DNA sequences generated by PCR amplification. *Molecular Biology and Evolution*, 14:592-593.
28. Peppers, Johnny A., Meredith J. Hamilton, Raul Muniz-Martinez, Joaquin Arroyo-Cabrales, and Robert D. Bradley. 1997. Noteworthy karyotypes of rodents from Durango, Mexico. *Occasional Papers, Museum of Texas Tech University*, 168:1-6.
29. Baker, Robert J., Bob Albin, Robert D. Bradley, James J. Bull, John M. Burns, Kelley A. Clark, Gary F. Edson, Rodolfo E. Estrada, E. Farley, C. B. Fedler, Burhan M. Gharaibeh, Richard L. Hammer, Clyde Jones, R. Richard Monk, John T. Montford, G. Moore, Nick C. Parker, J. Rawlings, Andrew Sansom, David J. Schmidly, Rayman W. Sims, Holly A. Wichman, and Frank D. Yancey. 1997. Natural Science Database: Resource management and public health. Pp. 10-20 *in Collaboration: The 'Key' to Success* (M. Shaughnessy, ed.). Proceedings of the 4<sup>th</sup> Annual Conference, Organization of Fish and Wildlife Information Managers, Key Largo, FL. 96 pp.

30. Roberts, Heather R., Ted W. Jolley, Lottie L. Peppers, James C. Cathey, Roslyn Martinez, Johnny A. Peppers, April L. Bates, and Robert D. Bradley. 1997. Noteworthy records of small mammals in Texas. Occasional Papers, Museum of Texas Tech University, 172:1-7.
31. Jones, Clyde, Robert S. Hoffmann, Dale W. Rice, Mark D. Engstrom, Robert D. Bradley, David J. Schmidly, Cheri A. Jones, and Robert J. Baker. 1997. Revised checklist of North American mammals north of Mexico. Occasional Papers, Museum of Texas Tech University, 173:1-19.
32. Bradley, Robert D., Ronald M. Adkins, Rodney L. Honeycutt, and John H. McDonald. 1998. Nucleotide polymorphism at the alcohol dehydrogenase locus of pocket gophers, genus *Geomys*. Molecular Biology and Evolution, 15:709-717.
33. Peppers, Lottie L., Darin M. Bell, James C. Cathey, Ted W. Jolley, Roslyn Martinez, Cole W. Matson, Anton Y. Nekrutenko, and Robert D. Bradley. 1998. Distributional records of small mammals in Texas. Occasional Papers, Museum of Texas Tech University, 184:1-5.
34. Bradley, Robert D., Ted W. Jolley, Lottie L. Peppers, Heather R. Roberts, Eileen Johnson, Lynn Pace, Sam Angulo, David Riskind, and Robert J. Baker. 1998. Checklist of the Recent Vertebrate Fauna of the Lubbock Lake Landmark State Historical Park: 1995-1997. Occasional Papers, Museum of Texas Tech University, 185:1-7.
35. Nekrutenko, Anton, David M. Hillis, John C. Patton, Robert D. Bradley, and Robert J. Baker. 1998. Cytosolic isocitrate dehydrogenase in human, mouse and voles and analysis of the enzyme family. Journal of Molecular Biology and Evolution, 15:1674-1684.
36. Roberts, Heather R., David J. Schmidly, and Robert D. Bradley. 1998. *Peromyscus spicilegus*. Mammalian Species, 596:1-4.
37. Parker, Nick C., Robert D. Bradley, John M. Burns, Gary F. Edson, Donald R. Haragan, Clyde Jones, R. Richard Monk, John T. Montford, Carleton J. Phillips, David J. Schmidly, and Robert J. Baker. 1998. Bioinformatics: a multidisciplinary approach for the life sciences. Occasional Papers, Museum of Texas Tech University, 186:i+1-8.
38. Baker, Robert J., Carleton J. Phillips, Robert D. Bradley, John M. Burns, Gary F. Edson, Donald R. Haragan, Clyde Jones, R. Richard Monk, John T. Montford, David J. Schmidly, and Nick C. Parker. 1998. Bioinformatics, museums and society: Integrating biological data for knowledge based decisions. Occasional Papers, Museum of Texas Tech University, 187:i+1-4.
39. Parker, Nick C., Robert J. Baker, Robert D. Bradley, Clyde Jones, R. Richard Monk, David J. Schmidly, Raymond W. Sims, and Frank D. Yancey II. 1998. A partnership providing field data for GAP Analysis: Texas Tech Museum and Texas GAP Program. Pps. 37-39 in GAP Analysis Bulletin No. 7 (E. S. Brackney and M. D. Jennings, eds.), USGS/BRD/Gap Analysis Program, Moscow, Idaho.
40. Bradley, Robert D., David J. Schmidly, and Clyde Jones. 1999. The northern rock mouse, *Peromyscus nasutus* (Mammalia: Rodentia), from the Davis Mountains, Texas. Occasional Papers, Museum, Texas Tech University, 190:1-3.
41. Peppers, Johnny A., James G. Owen, and Robert D. Bradley. 1999. The karyotype of *Peromyscus stirtoni* and its implications on chromosomal evolution in the *Peromyscus mexicanus* species group. The Southwestern Naturalist, 44:109-112.

42. Mauk, Charlene L., Marilyn A. Houck, and Robert D. Bradley. 1999. Morphometric analysis of seven species of pocket gophers (*Geomys*). *Journal of Mammalogy*, 80:499-511.
43. Clary, Melinda L., Darin M. Bell, Cody W. Edwards, Donna J. Howell, Ted W. Jolley, Nicole Lewis-Oritt, Stacy J. Mantooh, Lottie L. Peppers, Irene Tiemann-Boege, Brian A. Locke, Robert J. Baker, and Robert D. Bradley. 1999. The mammals of Ft. Bliss Military Base. *Occasional Papers, Museum of Texas Tech University*, 192:1-16.
44. Bradley, Robert D., Darin S. Carroll, Melinda L. Clary, Cody W. Edwards, Irene Tiemann-Boege, Meredith J. Hamilton, Ronald A Van Den Bussche, and Clyde Jones. 1999. Comments on some small mammals from the Big Bend and Trans-Pecos regions of Texas. *Occasional Papers, Museum of Texas Tech University*, 193:1-6.
45. Bradley, Robert D., and David J. Schmidly. 1999. *Peromyscus boylii*. Pp. 486-487 in *The Smithsonian Book of North American Mammals* (D. E. Wilson and S. Ruff, eds.). Smithsonian Institution Press, Washington, D.C.
46. Bradley, Robert D., and Robert J. Baker. 1999. *Geomys knoxjonesi* Species Account. Pp. 564-565 in *The Smithsonian Book of North American Mammals* (D. E. Wilson and S. Ruff, eds.). Smithsonian Institution Press, Washington, D.C.
47. Jones, Clyde and Robert D. Bradley. 1999. Notes on red bats, *Lasiurus* (Chiroptera: Vespertilionidae), of the Davis Mountains and vicinity, Texas. *Texas Journal of Science*, 51:341-344.
48. Castro-Campillo, Alondra A., Heather R. Roberts, David J. Schmidly, and Robert D. Bradley. 1999. The systematic status of *Peromyscus boylii ambiguus* based on morphological and molecular data. *Journal of Mammalogy*, 80:1214-1231.
49. Peppers, Lottie L. and Robert D. Bradley. 2000. Cryptic species in *Sigmodon hispidus*: evidence from DNA sequences. *Journal of Mammalogy*, 81:332-343.
50. Bradley, Robert D., Irene Tiemann-Boege, C. William Kilpatrick, and David J. Schmidly. 2000. Taxonomic status of *Peromyscus boylii sacarensis*: inferences from DNA sequences of the mitochondrial cytochrome *b* gene. *Journal of Mammalogy*, 81:875-884.
51. Mantooh, Stacy J., Clyde Jones, and Robert D. Bradley. 2000. Molecular systematics of *Dipodomys elator* (Rodentia: Heteromyidae). *Journal of Mammalogy*, 81:885-894.
52. Edwards, Cody W., Darin S. Carroll, Melinda L. Clary, Kristina E. Halcomb, Michelle L. Haynie, Steven R. Hooper, Federico G. Hoffman, Mark B. O'Neill, Eric Webb, Meredith J. Hamilton, Ronald A. Van Den Bussche, David J. Schmidly, Clyde Jones, and Robert D. Bradley. 2000. Records of mammals from northeast and south Texas. *Occasional Papers, Museum of Texas Tech University*, 200:1-7.
53. Tiemann-Boege, Irene, C. William Kilpatrick, David J. Schmidly, and Robert D. Bradley. 2000. Molecular phylogenetics of the *Peromyscus boylii* species group. *Molecular Phylogenetics and Evolution*, 16:366-378.

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55. Bell, Darin M., Meredith J. Hamilton, Cody W. Edwards, Lara E. Wiggins, Raul Muñiz-Martínez, Richard E. Strauss, Robert D. Bradley, and Robert J. Baker. 2001. Patterns of karyotypic megaevolution in *Reithrodontomys*: evidence from a cytochrome-*b* phylogenetic hypothesis. *Journal of Mammalogy*, 82:81-91.
56. Fulhorst, Charles F., Remi N. Charrel, Scott C. Weaver, Thomas G. Ksiazek, Robert D. Bradley, Mary L. Milazzo, Robert B. Tesh, and Michael D. Bowen. 2001. Geographic distribution and genetic diversity of Whitewater Arroyo virus in the southwestern United States. *Journal of Emerging Infectious Diseases*, 7:403-407. PMID: PMC2631812
57. Edwards, Cody W., Charles F. Fulhorst, and Robert D. Bradley. 2001. Molecular phylogenetics of the *Neotoma albigula* species group: further evidence of a paraphyletic assemblage. *Journal of Mammalogy*, 82:267-279.
58. Mantooth, Stacy J., Mary L. Milazzo, Robert D. Bradley, Christine L. Hice, Gerardo Ceballos, Robert B. Tesh, and Charles F. Fulhorst. 2001. Geographical distribution of rodent-associated hantaviruses in Texas. *Journal of Vector Ecology*, 26:7-14.
59. Roberts, Heather R., David J. Schmidly, and Robert D. Bradley. 2001. *Peromyscus simulus*. *Mammalian Species*, 669:1-3.
60. Fulhorst, Charles F., Mary L. Milazzo, Robert D. Bradley, and Lottie L. Peppers. 2001. Experimental infection of *Neotoma albigula* (Muridae) with Whitewater Arroyo virus (Arenaviridae). *American Journal of Tropical Medicine and Hygiene*, 65:147-151.
61. Edwards, Cody W., and Robert D. Bradley. 2001. Molecular phylogenetics of the *Neotoma floridana* species group. *Journal of Mammalogy*, 82:791-798.
62. Bradley, Robert D., and Robert J. Baker. 2001. A test of the genetic species concept: cytochrome-*b* sequences and mammals. *Journal of Mammalogy*, 82:960-973.
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- Bradley, Robert D., Nicté Ordóñez-Garza, Gerardo Ceballos, Duke S. Rogers, and David J. Schmidly. A new species in the *Peromyscus boylii* species group (Cricetidae: Neotominae) from Michoacán, Mexico. Submitted to the *Journal of Mammalogy*, 13 July 2016, Accepted pending revisions 27 August 2016.

### Manuscripts Submitted

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- Ordóñez-Garza, Nicté, and Robert D. Bradley. Patterns of origin and diversification for Neotropical cricetid rodents distributed in the montane regions of Mesoamerica. Submitted to the *Southwestern Naturalist*, 6 June 2016.



Mauldin, Matthew R., Michelle L. Haynie, and Robert D. Bradley. Reevaluation of a woodrat (genus *Neotoma*) hybrid zone using genotypic and georeferenced data. Submitted to Journal of Mammalogy, 28 April 2014, being revised.

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#### **PRESENTATIONS:**

- Robert J. Baker, Scott K. Davis, Robert D. Bradley, Ronald A. Van Den Bussche, and Meredith J. Hamilton. Ribosomal DNA, Mitochondrial DNA, Chromosomal and Electrophoretic Studies of a Contact Zone in *Geomys*. Annual meeting of the Southwestern Association of Naturalists, Southwest Texas State University. 1987. (Regional Meeting).
- Robert J. Baker, Scott K. Davis, Robert D. Bradley, Ronald A. Van Den Bussche, and Meredith J. Hamilton. Ribosomal DNA, Mitochondrial DNA, Chromosomal and Electrophoretic Studies of a Contact Zone in *Geomys*. Annual meeting of the American Society of Mammalogists, Someplace. 1987. (National Meeting).
- Robert D. Bradley, Holley A. Wichman, and Robert J. Baker. Repetitive DNAs. AAAS, Texas Tech University. 1991.
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- Terry I. Yates, Robert D. Bradley, Michael A. Nedbal, and Rodney L. Honeycutt. Phylogenetics and Evolution of the Moles of the World (Insectivore: Talpidae): Evidence From Nucleotide Sequence Variation in the Mitochondrial 12S rRNA Gene. Annual meeting of the American Society of Mammalogists, University of Vermont. 1995. (National Meeting).
- Heather R. Roberts and Robert D. Bradley. Molecular Systematics of the *Peromyscus boylii* Species Group. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction. 1997. (Regional Meeting).
- Ted W. Jolley, Rodney L. Honeycutt, and Robert D. Bradley. Variation in the 12s rRNA within the Genus *Geomys*. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction. 1997. (Regional Meeting).
- Lottie L. Peppers and Robert D. Bradley. Molecular Systematics of the Genus *Sigmodon*. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction. 1997. (Regional Meeting).
- Rosylyn Martinez, Mary Maltbie, Holly A. Wichman, Robert J. Baker and Robert 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 Campus at Junction. 1997. (Regional Meeting).

- Anton Y. Nekrutenko, John C. Patton, Robert D. Bradley, and Robert J. Baker. Evolution of the Isocitrate Dehydrogenase: An Example from Human, Mouse, and Vole. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction, TX. 1997. (Regional Meeting).
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- Roslynn Martinez, Mary Maltbie, Holly A. Wichman, Robert J. Baker and Robert D. Bradley. Factors that Effect Chromosomal Evolution: Rapidly Evolving Repetitive DNA in Rapidly Evolving Karyotypes. Annual meeting of the Southwestern Association of Naturalists, University of Arkansas. 1997. (Regional Meeting).
- Ted W. Jolley, Rodney L. Honeycutt, and Robert D. Bradley. Variation in the 12s rRNA within the Genus *Geomys*. Annual meeting of the American Society of Mammalogists, Oklahoma State University. 1997. (National Meeting).
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- Heather R. Roberts and Robert D. Bradley. Molecular Systematics within and among species of the *Peromyscus boylii* species group. Annual meeting of the American Society of Mammalogists, Oklahoma State University. 1997. (National Meeting).
- Darin Bell and Robert D. Bradley. Molecular Systematics of Six Species of *Reithrodontomys*. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 1998. (Regional Meeting).
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- Stacy J. Mantooth, Clyde Jones, and Robert D. Bradley. Molecular Systematics of *Dipodomys elator*. Annual meeting of the Southwestern Association of Naturalists, University of New Mexico, Albuquerque NM. 1998. (Regional Meeting).
- Lottie L. Peppers and Robert D. Bradley. Molecular Systematics of the Genus *Sigmodon*. Annual meeting of the American Society of Mammalogists, Virginia Polytechnical University, Blacksburg, Virginia. 1998. (National Meeting).
- Cody W. Edwards and Robert D. Bradley. Molecular systematics of the *Neotoma albigula* species-group: further evidence of a paraphyletic assemblage. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 1999. (Regional Meeting).
- Darin S. Carroll, Clyde Jones, and Robert D. Bradley. *Sigmodon ochrognathus* in Texas: relictual population or recent invador? Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 1999. (Regional Meeting). Darin received TSM Award for best paper in Systematics and Evolution.
- Irene Tieman-Boege, David J. Schmidly, and Robert D. Bradley. Phylogenetics of the *Peromyscus boylii* species-group using cytochrome b sequences. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 1999. (Regional Meeting).
- Cody W. Edwards and Robert D. Bradley. Molecular systematics of the *Neotoma albigula* species-group: further evidence of a paraphyletic assemblage. Annual meeting of the American Society of Mammalogists, University of Washington, Seattle, WA. 1999. (National Meeting).
- Darin S. Carroll, Clyde Jones, and Robert D. Bradley. *Sigmodon ochrognathus* in Texas: relictual populations or recent invadors? Annual meeting of the American Society of Mammalogists, University of Washington, Seattle, WA. 1999. (National Meeting).
- Irene Tieman-Boege, David J. Schmidly, and Robert D. Bradley. Phylogenetics of the *Peromyscus boylii* species-group using cytochrome b sequences. Annual meeting of the American Society of Mammalogists, University of Washington, Seattle, WA. 1999. (National Meeting).
- Melinda L. Clary, Robert J. Baker, and Robert D. Bradley. Small mammal survey of Fort Bliss Military Base. Annual meeting of the American Society of Mammalogists, University of Washington, Seattle, WA. 1999. (National Meeting).
- Kelly E. Allen, Nick C. Parker, Robert D. Bradley, Robert J. Baker, R. Richard Monk, David J. Schmidly, and Clyde J. Jones. The role of bioinformatics and GIS for the management of museum collections through time. Annual meeting of the Association of American Geographers. 2000. (National Meetings).
- Kristina E. Halcomb, and Robert D. Bradley. Molecular systematics of the *Peromyscus truei* species group. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2000. (Regional Meeting).
- Darin S. Carroll, Carleton J. Phillips, and Robert D. Bradley. Androgen binding protein *Sigmodon hispidus* subspecies. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2000. (Regional Meeting).

- Cody W. Edwards, and Robert D. Bradley. Biogeography, cryptic species, and paraphyly: molecular phylogenetics of the genus *Neotoma*. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2000. (Regional Meeting). Cody received the Packard Award for best paper.
- Melinda L. Clary, Robert D. Bradley, Scott Schradar, Robert J. Baker, Nick C. Parker, Brian A. Locke, and Donna J. Howell. Multi-agency evaluation of small mammal communities on Fort Bliss Military Base. Poster presentation at USGS Meeting.
- Cody W. Edwards, and Robert D. Bradley. Biogeography, cryptic species, and paraphyly: molecular phylogenetics of the genus *Neotoma*. Annual meeting of the Southwestern Association of Naturalists, North Texas State University, Denton, TX. 2000. (Regional Meeting). Cody was a Wilkes Award Finalist.
- Kristina E. Halcomb, C. William Kilpatrick, and Robert D. Bradley. Molecular systematics of the *Peromyscus truei* species group. Annual meeting of the Southwestern Association of Naturalists, North Texas State University, Denton, TX. 2000. (Regional Meeting).
- Melinda L. Clary, Richard E. Strauss, Robert J. Baker, and Robert D. Bradley. Ecology of small mammal communities on Fort Bliss Military Base. Annual meeting of the Southwestern Association of Naturalists, North Texas State University, Denton, TX. 2000. (Regional Meeting).
- Kelly E. Allen, Nick C. Parker, R. Richard Monk, David J. Schmidly, Robert D. Bradley, and Robert J. Baker. Managing museum collections using geographic information systems. National GAP Meeting, San Antonio, Texas. 2000. (National Meeting).
- Robert J. Baker, Carleton J. Phillips, Robert D. Bradley, John M. Burns, Daniel Cooke, Gary F. Edson, Donald R. Haragan, Clyde Jones, R. Richard Monk, David J. Schmidly, Kelly E. Allen, and Nick C. Parker. A voucher specimen based on biological informatics program. National GAP Meeting, San Antonio, Texas. 2000. (National Meeting).
- Melinda L. Clary, Richard E. Strauss, Robert J. Baker, and Robert D. Bradley. Ecology of small mammal communities on Fort Bliss Military Base. Annual meeting of the American Society of Mammalogists, University of New Hampshire, Durham, NH. 2000. (National Meeting).
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- Kristina E. Halcomb, C. William Kilpatrick, and Robert D. Bradley. Molecular systematics of the *Peromyscus truei* species group. Annual meeting of the American Society of Mammalogists, University of New Hampshire, Durham, NH. 2000. (National Meeting).
- Cody W. Edwards, and Robert D. Bradley. Biogeography, cryptic species, and paraphyly: molecular phylogenetics of the genus *Neotoma*. Annual meeting of the American Society of Mammalogists, University of New Hampshire, Durham, NH. 2000. (National Meeting).
- Darin S. Carroll, Carleton J. Phillips, and Robert D. Bradley. The systematics of *Sigmodon hispidus* based on cytochrome *b* and androgen binding protein sequences data. Annual meeting of the

- American Society of Mammalogists, University of New Hampshire, Durham, NH. 2000. (National Meeting).
- Darin S. Carroll, Charles F. Fulhorst, Mary L. Milazzo, and Robert D. Bradley. White Water Arroyo Virus in southern Texas. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2001. (Regional Meeting).
- Darin S. Carroll, Charles F. Fulhorst, Mary L. Milazzo, and Robert D. Bradley. White Water Arroyo Virus in southern Texas. Annual meeting of the American Society of Mammalogists, University of Montana Mizzoula, MT. 2001. (National Meeting).
- Francisca M. Mendez-Harclerode, Charles F. Fulhorst, and Robert D. Bradley. Genetic diversity of *Neotoma micropus* in south Texas. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2002. (Regional Meeting).
- Brian R. Amman, and Robert D. Bradley. Genetic variation within the genus *Baiomys*. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2002. (Regional Meeting). Brian received the Packard Award for best paper.
- Serena A. Reeder, and Robert D. Bradley. Phylogenetic relationships of Neotomine-Peromyscine rodents inferred from the dentin matrix protein 1 gene (DMP1). Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2002. (Regional Meeting).
- John R. Suchecki, and Robert D. Bradley. Natural history of *Neotoma micropus* in south Texas. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2002. (Regional Meeting).
- Serena A. Reeder, and Robert D. Bradley. Molecular systematics of Neotomine-Peromyscine rodents inferred from the dentin matrix protein 1 gene. Annual meeting of the American Society of Mammalogists, McNeese State University, Lake Charles, LA. 2002. (National Meeting).
- Brian R. Amman, and Robert D. Bradley. Genetic variation within the genus *Baiomys* based on nucleotide sequences. Annual meeting of the American Society of Mammalogists, McNeese State University, Lake Charles, LA. 2002. (National Meeting).
- Francisca M. Mendez-Harclerode, Charles F. Fulhorst, and Robert D. Bradley. Genetic diversity of *Neotoma micropus* in south Texas. Annual meeting of the American Society of Mammalogists, McNeese State University, Lake Charles, LA. 2002. (National Meeting).
- John R. Suchecki, Charles F. Fulhorst, Chip D. Ruthven, and Robert D. Bradley. Natural history of *Neotoma micropus* in south Texas. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2003. (Regional Meeting).
- Durish, Nevin D., Robert D. Bradley, and C. William Kilpatrick. Molecular systematics of the *Peromyscus truei* species group. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2003. (Regional Meeting).

- Amman, Brian R., and Robert D. Bradley. Genetic subdivision within *Peromyscus pectoralis* based on cytochrome b nucleotide sequence. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2003. (Regional Meeting).
- Haynie, Michelle L., Meredith J. Hamilton, Darin S. Carroll, Raul Muniz-Martinez, and Robert D. Bradley. A new species of *Peromyscus* from Durango, Mexico. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2003. (Regional Meeting).
- Mendez-Harclerode, Francisca M., Elizabeth Arellano-Arenas, Meredith J. Hamilton, Duke S. Rogers, and Robert D. Bradley. Molecular systematics of *Reithrodontomys*. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2003. (Regional Meeting).
- John D. Hanson and Robert D. Bradley. Evaluation of a potential hybrid zone between *Neotoma micropus* and *Neotoma floridana* using molecular techniques. Annual meeting of the Texas Society of Mammalogists, Texas Tech University Campus at Junction TX. 2003. (Regional Meeting).
- Kagyama, Mariko, R. Richard Monk, Robert D. Bradley, and Robert J. Baker. Re-evaluation of museum voucher specimens in modern scientific research. Annual meeting of the Society for the Preservation of Natural History Collections, Texas Tech University, Lubbock, TX. 2003. (National Meeting).
- Serena A. Reeder, Darin S. Carroll, Cody W. Edwards, C. William Kilpatrick, and Robert D. Bradley. Neotomine-Peromyscine rodents systematics based on combined analyses of nuclear and mitochondrial DNA sequences. Annual meeting of the American Society of Mammalogists, Texas Tech University, Lubbock, TX. 2003. (National Meeting).
- Michelle L. Haynie, Charles F. Fulhorst, and Robert D. Bradley. Genetic variation in populations of *Neotoma macrotus* from southern California. Annual meeting of the American Society of Mammalogists, Texas Tech University, Lubbock, TX. 2003. (National Meeting).
- Mendez-Harclerode, Francisca M., Elizabeth Arellano-Arenas, Meredith J. Hamilton, Duke S. Rogers, and Robert D. Bradley. Molecular systematics of *Reithrodontomys*. Annual meeting of the American Society of Mammalogists, Texas Tech University, Lubbock, TX. 2003. (National Meeting).
- Cody W. Edwards, and Robert D. Bradley. Molecular systematics of the genus *Neotoma*. Annual meeting of the American Society of Mammalogists, Texas Tech University, Lubbock, TX. 2003. (National Meeting).
- J. Delton Hanson, Serena A. Reeder, and Robert D. Bradley. Evaluation of a potential hybrid zone between *Neotoma micropus* and *Neotoma floridana* using molecular techniques. Annual meeting of the American Society of Mammalogists, Texas Tech University, Lubbock, TX. 2003. (National Meeting).
- Amman, Brian R., and Robert D. Bradley. Genetic subdivisions within *Peromyscus pectoralis* based on cytochrome b nucleotide sequences. Annual meeting of the American Society of Mammalogists, Texas Tech University, Lubbock, TX. 2003. (National Meeting).

- Haynie, Michelle L., Charles F. Fulhorst, and Robert D. Bradley. Genetic variation within *Neotoma macrotis* and *Neotoma albigula* from the Southwestern United States. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2004. (Regional Meeting).
- Durish, Nevin D., Francisca M. Mendez-Harclerode, Charles F. Fulhorst, and Robert D. Bradley. Spatial distribution of maternal haplotypes of *Neotoma micropus*: a GIS perspective. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2004. (Regional Meeting).
- Mendez-Harclerode, Francisca M., J. Delton Hanson, Charles F. Fulhorst, and Robert D. Bradley. Population genetics of *Neotoma micropus* in south Texas. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2004. (Regional Meeting).
- Hanson, J. Delton, Robert J. Baker, and Robert D. Bradley. Evaluation of a Proposed Hybrid Zone Between *Neotoma micropus* and *Neotoma floridana*, Using Molecular Techniques. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2004. (Regional Meeting).
- Baxter, B. Dnate', Charles F. Fulhorst, and Robert D. Bradley. Middens, family units, and relatedness: a genetic perspective of the Southern plains Woodrat. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2004. (Regional Meeting).
- Longhofer, Lisa K., and Robert D. Bradley. Molecular systematics of the genus *Neotoma* based on DNA sequences of the nuclear alcohol dehydrogenase gene. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2004. (Regional Meeting).
- Mendez-Harclerode, Francisca M., J. Delton Hanson, Charles F. Fulhorst, and Robert D. Bradley. Population genetics of *Neotoma micropus* in south Texas. 2004 Graduate Forum Department of Biological Sciences Texas Tech University. (Local Meeting).
- Hanson, J. Delton, Robert J. Baker, and Robert D. Bradley. Evaluation of a Proposed Hybrid Zone Between *Neotoma micropus* and *Neotoma floridana*, Using Molecular Techniques. 2004 Graduate Forum Department of Biological Sciences Texas Tech University. (Regional Meeting).
- Hanson, J. Delton, Robert J. Baker, and Robert D. Bradley. Evaluation of a Proposed Hybrid Zone Between *Neotoma micropus* and *Neotoma floridana*, Using Molecular Techniques. Annual meeting of the Texas Academy of Science. San Marcos, TX. 2004. (Regional Meeting).
- Haynie, Michelle L., Charles F. Fulhorst, and Robert D. Bradley. Genetic variation within *Neotoma macrotis*, *Neotoma fuscipes*, and *Neotoma albigula* from the Southwestern United States. Annual meeting of the Southwestern Association of Naturalists. San Antonio, TX. 2004. (Regional Meeting).
- Hanson, J. Delton, Robert J. Baker, and Robert D. Bradley. Evaluation of a Proposed Hybrid Zone Between *Neotoma micropus* and *Neotoma floridana*, Using Molecular Techniques. Annual meeting of the Southwestern Association of Naturalists. San Antonio, TX. 2004. (Regional Meeting).
- Baxter, B. Dnate', Charles F. Fulhorst, and Robert D. Bradley. Middens, family units, and relatedness: a genetic perspective of the Southern plains Woodrat. Annual meeting of the Southwestern Association of Naturalists. San Antonio, TX. 2004. (Regional Meeting).



- Longhofer, Lisa K., and Robert D. Bradley. Molecular systematics of the genus *Neotoma* based on DNA sequences of the nuclear alcohol dehydrogenase gene. Annual meeting of the Southwestern Association of Naturalists. San Antonio, TX. 2004. (Regional Meeting).
- Raymond, R.W., E.J. Hernandez, C. Liu, M. Villegas, A. Vargas, R. Bradley, and S.F. Kerr. Search for reservoirs of *Leishmania (Leishmania) mexicana* in Nicaragua. Annual meeting of the Southwestern Association of Naturalists. San Antonio, TX. 2004. (Regional Meeting).
- Durish, Nevin D., Francisca M. Mendez-Harclerode, Charles F. Fulhorst, and Robert D. Bradley. Spatial distribution of maternal haplotypes of *Neotoma micropus*: a GIS perspective. Annual meeting of the American Society of Mammalogists, Humboldt, CA. 2004. (National Meeting).
- Amman, Brian R., and Robert D. Bradley. Systematics of the *Peromyscus boylii* species group based on intron II of the *Adh* gene. Annual meeting of the American Society of Mammalogists, Humboldt, CA. 2004. (National Meeting).
- Hanson J. Delton, and Robert D. Bradley. Genetic variation in the Southern plains Woodrat (*Neotoma micropus*). Annual meeting of the American Society of Mammalogists, Humboldt, CA. 2004. (National Meeting).
- Baxter, B. Dnate', Charles F. Fulhorst, and Robert D. Bradley. Middens, family units, and relatedness in the Southern Plains Woodrat: a genetic perspective. Annual meeting of the American Society of Mammalogists, Humboldt, CA. 2004. (National Meeting).
- Mendez-Harclerode, Francisca M., J. Delton, Charles F. Fulhorst, and Robert D. Bradley. Population genetics of *Neotoma micropus* in south Texas. Annual meeting of the American Society of Mammalogists, Humboldt, CA. 2004. (National Meeting).
- Baxter, B. Dnate', Charles F. Fulhorst, and Robert D. Bradley. Digging up the answers: investigating microgeographic social structure of the Southern Plains Woodrat. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2005. (Regional Meeting).
- Mendez-Harclerode, Francisca M., Charles F. Fulhorst, and Robert D. Bradley. Genetic structure and recent history of the Southern Plains Woodrat (*Neotoma micropus*) in south Texas. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2005. (Regional Meeting). Francisca received the TSM Award for best student paper in Systematics.
- Hanson, J. Delton, Robert D. Bradley, and Charles F. Fulhorst. Rapid recovery of rodent populations following a severe drought. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2005. (Regional Meeting).
- Haynie, Michelle L., Charles F. Fulhorst, and Robert D. Bradley. Population genetics of *Neotoma macrotis* and *Neotoma fuscipes* in California. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2005. (Poster presentation - Regional Meeting).
- Hanson, J. Delton and Robert D. Bradley. Molecular systematics of the Oryzomines. Annual meeting of the Texas Academy of Science. San Marcos, TX. 2005. (Regional Meeting).
- Baker, Robert J., and Robert D. Bradley. Utility of the genetic species concept in mammals. Annual meeting of the American Society of Mammalogists. Springfield, MO. 2005. (National Meeting).

- Hanson, J. Delton, Charles F. Fulhorst, and Robert D. Bradley. Molecular phylogenetics of the tribe Oryzomyini: an emphasis on Central American members. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2006. (Regional Meeting).
- Chambers, Ryan R., Meredith J. Hamilton, Hugh H. Genoways, and Robert D. Bradley. Examination of two hybrid zones in *Geomys*. Annual meeting of the American Society of Mammalogists. Poster. Amherst, MA. 2006. (National Meeting).
- Hanson, J. Delton, Charles F. Fulhorst, and Robert D. Bradley. Molecular phylogenetics of the tribe Oryzomyini: a three gene approach. Annual meeting of the American Society of Mammalogists. Amherst, MA. 2006. (National Meeting).
- Baker, Robert J., and Robert D. Bradley. Genetic species, parapatric hybrid zones, and integrity of the gene pool. Annual meeting of the American Society of Mammalogists. Amherst, MA. 2006. (National Meeting).
- Hanson, J. Delton, Charles F. Fulhorst, and Robert D. Bradley. Molecular phylogenetics of the tribe Oryzomyini: a three gene approach. Annual meeting of the Society for the Study of Evolution. Poster. SUNY. 2006. (National Meeting).
- Baker, Robert J., and Robert D. Bradley. A genetic definition of species: Implications to bat biodiversity. Annual meeting of the North American Symposium of Bat research. Wilmington, NC. 2006. (National Meeting).
- Ordóñez-Garza, Nicté, Vicki Swier, John Hanson, Robert D. Bradley, and Jorge Salazar-Bravo. The karyotype of *Peromyscus grandis* (Goodwin, 1932) (Rodentia: Cricetidae). Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2007. (Poster presentation - Regional Meeting).
- Craig, Chase C., John D. Hanson, R. Neal Platt, Robert D. Bradley, and Thomas E. Lee, Jr. Geographic variation and the description of a new species of *Oreoryzomys balneator*. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2007. (Poster presentation - Regional Meeting).
- Baker, Robert K., and Robert D. Bradley. Genetic diversity in *Reithrodontomys fulvescens*. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2007. (Regional Meeting). Robert K. Baker received the Rollin H. Baker Award for best presentation by an undergraduate.
- Hanson, J. Delton, and Robert D. Bradley. Molecular phylogenetics of the Oryzomyini: Does a multi-gene approach help resolve a systematic conundrum? Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2007. (Regional Meeting).
- Chambers, Ryan R., and Robert D. Bradley. Molecular systematics of the genus *Geomys*: results from mitochondrial and nuclear gene studies. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2007. (Regional Meeting).
- Henson, Dallas D., and Robert D. Bradley. Reevaluation of the distribution *Sigmodon toltecus* and *S. hirsutus*. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2007. (Regional Meeting).

- Platt, R. Neal, Robert D. Bradley, and Vicki J. Swier. Genetic variation in the *Peromyscus boylii* species complex of western Mexico. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2007. (Regional Meeting).
- Marchán, M. Raquel, Peter A. Larsen, Steven R. Hooper, Robert D. Bradley, and Robert J. Baker. Geographic variation, subspecies, and morphological data: a study of *Artibeus lituratus* in Central America. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2007. (Regional Meeting).
- Hanson, J. Delton, and Robert D. Bradley. Molecular phylogenetics of the Oryzomyini: Does a multi-gene approach help resolve a systematic conundrum? Annual meeting of the American Society of Mammalogists. Albuquerque, NM. 2007. (National Meeting).
- Henson, Dallas D., and Robert D. Bradley. Molecular systematics of the genus *Sigmodon* based on mitochondrial and nuclear gene sequences. Annual meeting of the American Society of Mammalogists. Albuquerque, NM. 2007. (National Meeting).
- Swier, Vicki J., Willem Rens, Frederick F. B. Elder, Robert D. Bradley, and Robert J. Baker. Further explorations that the karyotype of *Sigmodon hispidus* is the ancestral form for the sigmodontines. Annual meeting of the American Society of Mammalogists. Albuquerque, NM. 2007. (National Meeting).
- Platt, R. Neal, Vicki J. Swier, and Robert D. Bradley. Genetic variation in the *Peromyscus boylii* species complex of western Mexico. Annual meeting of the American Society of Mammalogists. Albuquerque, NM. 2007. (National Meeting).
- Chambers, Ryan R., and Robert D. Bradley. Molecular systematics of *Geomys*: results from mitochondrial and nuclear gene studies. Annual meeting of the American Society of Mammalogists. Albuquerque, NM. 2007. (National Meeting).
- Marchán, M. Raquel, Peter A. Larsen, Steven R. Hooper, Robert D. Bradley, and Robert J. Baker. Ecogeographic variation, subspecies, and distribution of *Artibeus lituratus* in Central America: insights of predicting models. Annual meeting of the American Society of Mammalogists. Albuquerque, NM. 2007. (National Meeting).
- Hester, Laura C., Christine A. Sundermann, and Robert D. Bradley. Survey of enteric parasites from Mexico. Annual meeting of the American Society of Mammalogists. Albuquerque, NM. 2007. (Poster presentation - National Meeting).
- Kathryn A. MacDonald, James C. Cokendolpher, Amelia M. Nusbaum, Robert D. Bradley and Robert J. Baker. Taxidermy Woes, Wows, and Results at the Museum of Texas Tech University. 2007. Annual Meeting of the Society for the Preservation of Natural History Collections. (Poster presentation - National Meeting).
- Heath J. Garner, Robert D. Bradley and Robert J. Baker. From Blueprint to Moving In: What Worked, What Didn't, and Practical Advice for Designing Your Next Building. 2007. Annual Meeting of the Society for the Preservation of Natural History Collections. (Poster presentation - National Meeting).

- Baker, Robert J., and Robert D. Bradley. Genetics, genetic species concept, wildlife diversity, and policy. Texas Parks and Wildlife Conference on Biodiversity. Houston Zoo, Houston, TX. 2008. Regional Meeting.
- Platt II, Roy N., Brian R. Amman, and Robert D. Bradley. A nuclear and mitochondrial perspective of *Peromyscus*. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2008. (Poster, Regional Meeting). R. Neal Platt received the Clyde Jones' Award for best poster presentation.
- Henson, Dallas D., and Robert D. Bradley. Molecular systematics of the genus *Sigmodon* based on mitochondrial and nuclear gene sequences. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2008. (Regional Meeting).
- Chambers, Ryan R., Philip D. Sudman, and Robert D. Bradley. Phylogenetic relationships within *Geomys*: results from nuclear and mitochondrial genes. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2008. (Regional Meeting).
- Bull, J. Robert, Steve R. Hooper, Sergio Solari, Peter A. Larsen, Robert D. Bradley, and Robert J. Baker. MtDNA phylogenetics of the fruit-eating bats (Phyllostomidae: Artibeina). Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2008. (Regional Meeting).
- Swier, Vicki J., William Rens, Frederick F. B. Elder, Robert D. Bradley, and Robert J. Baker. Chromosome painting in *Sigmodon*: to understand the ancestral karyotype of Sigmodontines. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2008. (Regional Meeting).
- Swier, Vicki J., William Rens, Frederick F. B. Elder, Robert D. Bradley, and Robert J. Baker. Chromosome painting in *Sigmodon*: a test of parsimony and alternative phylogenetic hypotheses. Annual meeting of the Texas Genetics Society. College Station, TX. 2008. (Regional Meeting).
- MacDonald, Kathryn, Heath J. Garner, Robert J. Baker, Robert D. Bradley. Impact of Potential Emergent Diseases on Genetic Resources Tissue Collections, the Health Concerns of Museum Workers, and Natural History Museum Procedures and Policies. Annual meeting of the Society for the Preservation of Natural History Collections, University of Oklahoma, Norman OK. 2008. (National Meeting).
- Platt II, Roy N., and Robert D. Bradley. What is *Peromyscus*? A phylogeny based on multiple data sets. Annual meeting of the American Society of Mammalogists. South Dakota State University, TX. 2008. (National Meeting).
- Swier, Vicki J., William Rens, Frederick F. B. Elder, Robert D. Bradley, and Robert J. Baker. Chromosome painting in *Sigmodon*: A test of parsimony and alternative phylogenetic hypotheses. Annual meeting of the American Society of Mammalogists. South Dakota State University, TX. 2008. (National Meeting).
- Solari, Sergio, Steven R. Hooper, Peter A. Larsen, Robert D. Bradley, and Robert J. Baker. Systematics and species boundaries of *Dermanura* (Phyllostomidae: Stenodermatinae). Annual meeting of the American Society of Mammalogists. South Dakota State University, TX. 2008. (National Meeting).

- Corley, Megan S., Roy N. Platt II, Brian R. Amman, and Robert D. Bradley. Molecular relationships within the Neotominae: how many tribes should be recognized. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2009. (Poster, Regional Meeting).
- Vargas, Erica, Sheri B. Westerman, and Robert D. Bradley. Molecular systematics of *Geomys* based DNA sequences from the protein coding the alcohol dehydrogenase gene (*Adh-1*). Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2009. (Poster, Regional Meeting).
- Westerman, Sheri B., J. Delton Hanson, Thomas E. Lee, Jr., and Robert D. Bradley. Genetic characterization of the elusive montane fish-eating rat of *Neusticomys monticolus*. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2009. (Poster, Regional Meeting).
- Mauldin, Matthew R., J. Delton Hanson, Guillermo D'Elia, and Robert D. Bradley. Phylogenetic systematics of the genus *Holochilus* based mitochondrial and nuclear data. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2009. (Regional Meeting).
- Thompson, Cody W., Ryan R. Chambers, and Robert D. Bradley. Rate of molecular evolution of the interphotoreceptor retinoid-binding protein (IRBP) gene in the rodent suborder Castorimorpha. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2009. (Regional Meeting).
- Thompson, Cody W., Ryan R. Chambers, and Robert D. Bradley. Rate of molecular evolution of the interphotoreceptor retinoid-binding protein (IRBP) gene in the rodent suborder Castorimorpha. Annual meeting of the American Society of Mammalogists. Fairbanks, AK. 2009. (National Meeting).
- Hanson, J. Delton, Jane Indorf, Vicki Swier, and Robert D. Bradley. Molecular divergence in the *Oryzomys palustris* complex: evidence for multiple species. Annual meeting of the American Society of Mammalogists. Fairbanks, AK. 2009. (National Meeting).
- Baker, Robert J., and Robert D. Bradley. What is a species how are they recognized, and what good are they? Annual meeting of the American Society of Mammalogists. Fairbanks, AK. 2009. (National Meeting).
- Baker, Robert J., Peter Larson, and Robert D. Bradley. Operational species criteria and problems associated with species lists. 10<sup>th</sup> International Mammalogical Congress. Mendoza, Argentina. 2009. (International Meeting).
- Nicté Ordóñez-Garza, John Matson, R. E. Strauss, R. D. Bradley, and J. Salazar-Bravo. Phenetic and Genetic Concordance Among Three Species of Endemic *Peromyscus* (Rodentia) from Mesoamerican Highlands. 10<sup>th</sup> International Mammalogical Congress. Mendoza, Argentina. 2009. (International Meeting).
- Ayers, Sheri B., and Robert D. Bradley. Examining the role of the transferrin-receptor (*TfR1*) gene as the host cellular receptor for North American arenaviruses. Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2010. (State Meeting).
- Corley, Megan S., Roy N. Platt II, Brian R. Amman, and Robert D. Bradley. Molecular relationships within the Neotominae based on combined mitochondrial and nuclear DNA sequences.

- Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2010. (State Meeting).
- Mauldin, Matthew R., Robert D. Bradley, J. Delton Hanson, and Robert J. Baker. Molecular evidence for hybridization between *Neotoma micropus* and *N. floridana*. Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2010. (State Meeting).
- Thompson, Cody W. and Robert D. Bradley. Preliminary data on the phylogeography of the thirteen-lined ground squirrel (*Spermophilus tridecemlineatus*). Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2010. (State Meeting).
- Clinton, Allie, P., Robert D. Bradley, Mary L. Milazzo, and Charles F. Fulhorst. Genetic Characterization and natural host relationships of Muleshoe virus in north Texas and western Oklahoma. Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2010. (State Meeting).
- Vargas, Erica, Sheri B. Westerman, and Robert D. Bradley. Molecular systematics of *Geomys* based on DNA sequences from the protein coding alcohol dehydrogenase gene (*Adh-1*). Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2010. (State Meeting).
- Clinton, Allie P., Robert D. Bradley, Mary L. Milazzo, Charles F. Fulhorst. Genetic Characterization and natural host relationships of Muleshoe virus in north Texas and western Oklahoma. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2010. (Regional Meeting).
- Corley, Megan S., Roy N. Platt II, Brian R. Amman, and Robert D. Bradley. Phylogenetic relationships within the Neotominae based on combined mitochondrial and nuclear DNA data sets. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2010. (Regional Meeting).
- Ayers, Sheri B., and Robert D. Bradley. Is transferrin-receptor 1 (TfR1) the host receptor for North American arenaviruses. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2010. (Regional Meeting).
- Mauldin, Matthew R., J. Delton Hanson, Robert J. Baker, and Robert D. Bradley. Molecular evidence for hybridization between *Neotoma micropus* and *N. floridana*. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2010. (Regional Meeting).
- Ordóñez-Garza, Nicté, Ryan Duplechin, Duke Rogers, Elizabeth Arellano, Francisco X. González-Cózatl, C. William Kilpatrick, and Robert D. Bradley. Taxonomic status and distribution of the *Peromyscus boylii* group (Rodentia: Cricetidae). Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2010. (Regional Meeting).
- Vargas, Erica, Sheri B. Ayers, and Robert D. Bradley. Molecular systematics of *Geomys* based on DNA sequences from the protein coding the alcohol dehydrogenase gene (*Adh-1*). Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2010. (Poster, Regional Meeting).

- Ordóñez-Garza, Nicté, Ryan Duplechin, Duke Rogers, Elizabeth Arellano, Francisco X. González-Cózatl, C. William Kilpatrick, and Robert D. Bradley. Taxonomic status and distribution of the *Peromyscus boylii* group (Rodentia: Cricetidae). Annual meeting of the Southwestern Association of Naturalists. Junction, TX. 2010. (Regional Meeting).
- Thompson, Cody W. and Robert D. Bradley. Preliminary data on the phylogeography of the thirteen-lined ground squirrel (*Spermophilus tridecemlineatus*). Annual meeting of the Southwestern Association of Naturalists. Junction, TX. 2010. (Regional Meeting).
- Thompson, Cody W., Frederick B. Stangl, Jr., and Robert D. Bradley. Implications of hybridization between the Mexican ground squirrel (*Spermophilus mexicanus*) and the thirteen-lined ground squirrel (*S. tridecemlineatus*). Annual meeting of the American Society of Mammalogists. Laramie, WY. 2010. (National Meeting).
- Mauldin, Matthew R., J. Delton Hanson, Robert J. Baker, and Robert D. Bradley. Molecular evidence for hybridization between *Neotoma micropus* and *N. floridana*. Annual meeting of the American Society of Mammalogists. Laramie, WY. 2010. (National Meeting).
- Corley, Megan S., Roy N. Platt II, Brian R. Amman, and Robert D. Bradley. Phylogenetic relationships within the Neotominae based on combined mitochondrial and nuclear DNA data sets. Annual meeting of the American Society of Mammalogists. Laramie, WY. 2010. (National Meeting).
- Eisemann, Amanda H., Shey R. Ramsey, Francisca M. Mendez-Harclerode, Robert D. Bradley, Charles F. Fulhorst, and Michelle L. Haynie. Assessment of genetic diversity within populations of *Neotoma albigula* (White-throated Woodrats) from Arizona, using microsatellite loci and mitochondrial d-loop sequence data. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2011. (Poster, Regional Meeting).
- Thompson, Cody W., Frederick B. Stangl, Jr., and Robert D. Bradley. Preliminary analysis of a Y-chromosome marker and mitochondrial sequences indicate genetic introgression in ground squirrel (Genus *Spermophilus*). Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2011. (Poster, Regional Meeting).
- Mauldin, Matthew, and Robert D. Bradley. Molecular and ecological investigations of a woodrat (Genus *Neotoma*) hybrid zone. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2011. (Poster, Regional Meeting).
- Corley, Megan S., Nicté Ordóñez-Garza, and Robert D. Bradley. Molecular evidence to support the phylogenetic position of *Otonyctomys hatti*. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2011. (Poster, Regional Meeting).
- Bradley, Robert D., Brian R. Amman, Roy N. Platt III, Nicté Ordóñez-Garza, and Howard M. Huynh. Molecular evidence for cryptic species in *Peromyscus pectoralis* (Cricetidae: Neotominae). Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2011. (Regional Meeting).
- Corley, Megan S., Roy N. Platt II, Brian R. Amman, and Robert D. Bradley. Phylogenetic relationships and tribal divergence times in the subfamily Neotominae. Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2011. (Local Meeting).

- Mauldin, Matthew, Ethan B. Rowell, Michelle L. Haynie, and Robert D. Bradley. Molecular and ecological evaluation of hybridization in two species of woodrats (*Neotoma floridana* and *N. micropus*). Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2011. (Local Meeting).
- Thompson, Cody W., Frederick B. Stangl, Jr., and Robert D. Bradley. Y-chromosome and mitochondrial sequences indicate genetic introgression in morphologically distinct ground squirrel (Genus *Spermophilus*). Meeting of the Texas Tech Annual University Biological Sciences Symposium. Lubbock, TX. 2011. (Local Meeting).
- Ramsey, Shey R., Amanda H. Eisemann, Francisca M. Mendez-Harclerode, Robert D. Bradley, Charles F. Fulhorst, and Michelle L. Haynie. Assessment of genetic diversity within populations of *Neotoma albigula* (White-throated Woodrats) from Arizona, using microsatellite loci and mitochondrial d-loop sequence data. Annual meeting of the Southwestern Association of Naturalists. Tyler, TX. 2011. (Poster, Regional Meeting).
- Bradley, Robert D., Brian R. Amman, Roy N. Platt III, Nicté Ordóñez-Garza, and Howard M. Huynh. Molecular evidence for cryptic species in *Peromyscus pectoralis* (Cricetidae: Neotominae). Annual meeting of the Southwestern Association of Naturalists. Tyler, TX. 2011. (Regional Meeting).
- Booth-Binczik, Susan D., Robert D. Bradley, Cody W. Thompson, Louis C. Bender, Jerry W. Huntley, Johanna A. Huntley, Linda L. Laack, and Jody L. Mays. Ocelot Food Habits and Potential for Competition with Bobcats in South Texas. Annual meeting of the Felid Taxon Advisory Group of the Association of Zoos and Aquariums. Dallas, TX. May 2011.
- Thompson, Cody W., Frederick B. Stangl, Jr., and Robert D. Bradley. Y-chromosome and mitochondrial sequences indicate genetic introgression in ground squirrels (Genus *Spermophilus*). Meeting of the American Society of Mammalogists. Portland State University. 2011. (National Meeting).
- Corley, Megan S., Roy N. Platt II, Brian R. Amman, and Robert D. Bradley. Phylogenetic relationships and tribal divergence times in the subfamily Neotominae. Meeting of the American Society of Mammalogists. Portland State University. 2011. (National Meeting).
- Mauldin, Matthew, Ethan B. Rowell, Michelle L. Haynie, and Robert D. Bradley. Molecular and ecological evaluation of hybridization in two species of woodrats (*Neotoma floridana* and *N. micropus*). Meeting of the American Society of Mammalogists. Portland State University. 2011. (Poster, National Meeting).
- Rowell, Ethan B., Matthew R. Mauldin, Michelle L. Haynie, and Robert D. Bradley. Genetic evaluation of a *Neotoma floridana* hybrid zone. Meeting of the American Society of Mammalogists. Portland State University. 2011. (Poster, National Meeting).
- Ramsey, Shey R., Francisca M. Mendez-Harclerode, Robert D. Bradley, Charles F. Fulhorst, and Michelle L. Haynie. Mitochondrial d-loop sequence variation among *Neotoma albigula* (White-throated Woodrats) from Arizona. Meeting of the American Society of Mammalogists. Portland State University. 2011. (Poster, National Meeting).



- Ordóñez-Garza, Nicté, and Robert D. Bradley. Small mammals as a phylogeographical model of Mesoamerican highlands: patterns of speciation and significance of the Tehuantepec Isthmus. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2012. (Regional Meeting).
- Thompson, Cody W., Frederick B. Stangl, Jr., and Robert D. Bradley. Potential ancient hybridization and mitochondrial capture in hybridizing ground squirrels (Genus *Spermophilus*). Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2012. (Regional Meeting).
- Ramsey, Shey R., Francisca M. Mendez-Harclerode, Robert D. Bradley, Charles F. Fulhorst, and Michelle L. Haynie. Genetic variation and phylogeography of *Neotoma albigula* in Arizona, using mitochondrial d-loop sequences. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2012. (Poster, Regional Meeting).
- Eisemann, Amanda H., Francisca M. Mendez-Harclerode, Robert D. Bradley, Charles F. Fulhorst, and Michelle L. Haynie. Population structure and genetic variation in *Neotoma albigula* from Arizona, as determined using multi-locus microsatellite genotypes. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2012. (Poster, Regional Meeting).
- Roberts, Emma K., Daniel M. Hardy, and Robert D. Bradley. The utility of zonadhesion in examining a potential isolating mechanism in three pairs of rodent species. Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2012. (Local Meeting).
- Ordóñez-Garza, Nicté, and Robert D. Bradley. Cricetids as a phylogeographical model for understanding species diversity in the Mesoamerican Highlands. Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2012. (Local Meeting).
- Corely, Megan S., Nicté Ordóñez-Garza, and Robert D. Bradley. Molecular evidence for parapatry in *Nyctomys sumichrasti*: support for a new genus of vesper mice? Meeting of the Texas Tech University Annual Biological Sciences Symposium. Lubbock, TX. 2012. (Local Meeting).
- Unkefer, Margaret K., Robert D. Bradley, Nicté Ordóñez-Garza, and Cody W. Edwards. Sibling species or subspecies? Molecular phylogenetics of *Neotoma mexicana* found south of the Isthmus of Tehuantepec. Undergraduate Research Symposium, George Mason University, Fairfax, VA. 2012.
- Ordóñez-Garza, Nicté, and Robert D. Bradley. Understanding the Origin and Evolution of rodents in the MesoAmerican Highlands. Meeting of the American Society of Mammalogists. Reno, NV. 2012. (National Meeting).
- Ordóñez-Garza, Nicté, Cody W. Edwards, Maggie Unkefer, and Robert D. Bradley. Taxonomic status of *Neotoma mexicana* (Cricetidae: Neotominae) south of the Isthmus of Tehuantepec. Meeting of the Texas Society of Mammalogists. Junction, Texas. 2013. (Regional Meeting).
- Roberts, Emma K., Daniel M. Hardy, and Robert D. Bradley. The utility of zonadhesion in examining a potential isolation mechanism in three pairs of rodent species. Meeting of the Texas Society of Mammalogists. Junction, Texas. 2013. (Regional Meeting).

- Corley, Megan S., Roy N. Platt II, and Robert D. Bradley. Preliminary results of a total evidence approach to resolving *Peromyscus*. Meeting of the Texas Society of Mammalogists. Junction, Texas. 2013. (Poster, Regional Meeting).
- Eisemann, Amanda H., Francisca M. Mendez-Harclerode, Robert D. Bradley, Charles F. Fulhorst, and Michelle L. Haynie. Assessment of genetic structure within populations of *Neotoma albigula* (white-throated woodrats) from Arizona, using seven microsatellite loci. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2013. (Poster, Regional Meeting).
- Ramsey, Shey R., Francisca M. Mendez-Harclerode, Robert D. Bradley, Charles F. Fulhorst, and Michelle L. Haynie. Assessing genetic variation among *Neotoma albigula* (white-throated woodrats) in Arizona, using mitochondrial d-loop sequence. Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2013. (Poster, Regional Meeting).
- Ordóñez-Garza, Nicté, Vicki J. Swier, J. Delton Hanson, Cibele G. Sotero-Caio, and Robert D. Bradley. Karyotype of *Peromyscus grandis* (Rodentia: Cricetidae) and comments concerning its phylogenetic affinities. Meeting of the Texas Academy of Science. Shreiner University. 2013. (Regional Meeting).
- Roberts, Emma K., Daniel M. Hardy, and Robert D. Bradley. The utility of zonadhesion in examining a potential isolation mechanism in three pairs of rodent species. Meeting of the Texas Academy of Science. Shreiner University. 2013. (Regional Meeting).
- Corley, Megan S., Roy N. Platt II, and Robert D. Bradley. Preliminary results of a total evidence approach to resolving *Peromyscus*. Meeting of the Texas Academy of Science. Shreiner University. 2013. (Poster, Regional Meeting).
- Mauldin, Matthew R., Michelle L. Haynie, J. Delton Hanson, Robert J. Baker, and Robert D. Bradley. Dynamics of hybridization between two species of woodrats (genus *Neotoma*). Meeting of the Texas Academy of Science. Shreiner University. 2013. (Regional Meeting).
- Ordóñez-Garza, Nicté, Vicki J. Swier, J. Delton Hanson, Cibele G. Sotero-Caio, and Robert D. Bradley. Comments concerning *Peromyscus grandis* (Rodentia: Cricetidae) phylogenetic affinity/Comentarios sobre las afinidades filogenéticas de *Peromyscus grandis* (Rodentia: Cricetidae). Annual meeting of the Southwestern Association of Naturalists. McNeese State University. 2013. (Regional Meeting).
- Haynie, Michelle L., Mauldin, Matthew R., and Robert D. Bradley. Molecular evidence for hybridization between *Neotoma floridana* and *Neotoma micropus* in multiple areas of Sympatry/ Evidencia molecular de hibridación entre *Neotoma floridana* y *Neotoma micropus* en múltiples áreas de simpatria. Annual meeting of the Southwestern Association of Naturalists. Academy of Science. McNeese State University. 2013. (Regional Meeting).
- Roberts, Emma K., Archana Muthu, Daniel M. Hardy, and Robert D. Bradley. The utility of zonadhesion (*Zan*) in examining a potential isolation mechanism in rodent/Lutilidad de zonadhesin (*Zan*) en el analisis del mecanismo de aislamiento de roedores. Annual meeting of the Southwestern Association of Naturalists. McNeese State University. 2013. (Regional Meeting).

- Corley-Keith, Megan S., Roy N. Platt II, and Robert D. Bradley. Phylogenetics of *Peromyscus* based on combined analyses of molecular and morphological data/Relaciones filogenéticas de *Peromyscus* basadas en análisis combinados de datos moleculares y morfológicos. Annual meeting of the Southwestern Association of Naturalists. McNeese State University. 2013. (Poster, Regional Meeting).
- Roberts, Emma K., Archana Muthu, Daniel M. Hardy, and Robert D. Bradley. Is zonadhesion (*Zan*) a useful molecular marker for determining phylogenetic relationships among mammalian orders? Annual meeting of the Texas Society of Mammalogists. Junction, TX. 2014. (Regional Meeting).
- Bradley, Robert D., Nicté Ordóñez-Garza, Cibele G. Sotero-Caio, Howard H. Huynh, C. William Kilpatrick, L. Ignacio Iñiguez-Davalos, and David J. Schmidly. Advances on the systematics of *Peromyscus boylii* and evidence of a new species of *Peromyscus* (Rodentia: Cricetidae). Meeting of the Texas Society of Mammalogists. Junction, Texas. 2014. (Regional Meeting).
- Mauldin, Matthew R., Michelle L. Haynie, and Robert D. Bradley. Reevaluation of a woodrat (Genus *Neotoma*) hybrid zone using genotypic and georeferenced data. Meeting of the Texas Society of Mammalogists. Junction, Texas. 2014. (Regional Meeting).
- Dunn, Christopher D., Matthew R. Mauldin, and Robert D. Bradley. Phylogeography and the origin of free-ranging elk (*Cervus elaphus*) in Texas. Meeting of the Texas Society of Mammalogists. Junction, Texas. 2014. (Poster, Regional Meeting).
- Siles, Lizette, Robert D. Bradley, and Robert J. Baker. Longterm bat assessment in an urban area of the South Plains Meeting of the Texas Society of Mammalogists. Junction, Texas. 2014. (Poster, Regional Meeting).
- Corley, Megan S., Roy N. Platt II, Brian R. Amman, and Robert D. Bradley. A phylogenetic assessment of tribal affiliations within the subfamily Neotominae (Rodentia: Cricetidae) based on combined sequence data. Meeting of the Texas Society of Mammalogists. Junction, Texas. 2014. (Poster, Regional Meeting).
- McSweeney, Timothy, and Robert D. Bradley. Detecting and analyzing formaldehyde in the mammal fluid collections at the Natural Science Research Laboratory, Museum of Texas Tech University. Meeting of the Texas Society of Mammalogists. Junction, Texas. 2014. (Poster, Regional Meeting).
- Dunn, Christopher D., Matthew R. Mauldin, and Robert D. Bradley. Phylogeography and the origin of free-ranging elk (*Cervus canadensis*) in Texas. Meeting of the Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 2014. (Regional Meeting).
- Huynh, Howard M., Jessie Norman, Donald McAlpine, Karen J. Vanderwolf, Robert J. Baker, and Robert D. Bradley. On the identity of *Peromyscus* on Grand Manan Island, New Brunswick, Canada. Meeting of the Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 2014. (Regional Meeting).
- Corley, Megan S., Roy N. Platt II, Brian R. Amman, and Robert D. Bradley. A phylogenetic assessment of the subfamily Neotominae (Rodentia: Cricetidae) using combined molecular data. Meeting of the Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 2014. (Regional Meeting).

- Nicté Ordóñez-Garza, Cody W. Thompson, Margaret K. Unkefer, Cody W. Edwards, James G. Owen, and Robert D. Bradley. Molecular phylogenetics of the *Neotoma mexicana* species group (Vertebrata: Mammalia: Rodentia: Cricetidae) in Mesoamerica: evidence for recognition of *N. ferruginea* Tomes 1861. Meeting of the Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 2014. (Regional Meeting).
- Roberts, Emma K., Daniel M. Hardy, and Robert D. Bradley. Is zonadhesion (*Zan*) a useful molecular marker for determining phylogenetic relationships among mammalian orders? Meeting of the Texas Tech Annual Biological Sciences Symposium. Lubbock, Texas. 2014. (Regional Meeting).
- Roberts, Emma K., Daniel M. Hardy, and Robert D. Bradley. Is zonadhesion (*Zan*) a useful molecular marker for determining ordinal relationships among mammalian orders? Meeting of the American Society of Mammalogists. Oklahoma City, OK. 2014. (National Meeting).
- Huynh, Howard M., Jessie Norman, Donald McAlpine, Karen J. Vanderwolf, Robert J. Baker, and Robert D. Bradley. On the identity of *Peromyscus* on Grand Manan Island, New Brunswick, Canada. Meeting of the American Society of Mammalogists. Oklahoma City, OK. 2014. (National Meeting).
- Dunn, Christopher D., Matthew R. Mauldin, and Robert D. Bradley. Phylogeography and the origin of free-ranging elk (*Cervus canadensis*) in Texas. Meeting of the American Society of Mammalogists. Oklahoma City, OK. 2014. (National Meeting).
- Ordóñez-Garza, Nicté, Cody W. Thompson, Margaret K. Unkefer, Cody W. Edwards, James G. Owen, and Robert D. Bradley. Biogeographic patterns and taxonomic implications of small mammals across the Tehuantepec Isthmus: *Neotoma ferruginea* Tomes 1861 as an example. Meeting of the American Society of Mammalogists. Oklahoma City, OK. 2014. (National Meeting).
- Keith, Megan S., Robert D. Bradley, and Roy N. Platt II. 2015. Does Phylogenetic Evidence Exist for the Exclusion of *Isthmomys* from *Peromyscus*? Annual meeting of the Texas Society of Mammalogists. 2015. (Regional Meeting).
- Roberts, Emma K., Daniel M. Hardy, Roy N. Platt II, Caleb D. Phillips, and Robert D. Bradley. Evolution of the zonadhesin gene depicts a unique history during the origin of Eutherian mammals. Annual meeting of the Texas Society of Mammalogists. 2015. (Regional Meeting).
- Sullivan, Kevin A. M., Roy N. Platt II, Robert D. Bradley, and David A. Ray. Elicitation of Sine subfamilies in *Peromyscus maniculatus*. Annual meeting of the Texas Society of Mammalogists. 2015. (Regional Meeting).
- Yoseph W. Legesse, Christopher D. Dunn, Matthew R. Mauldin, Gage R. Rowden, Nicté Ordóñez-Garza, Sied A. Mohammed, Mohammed K. Yusuf, Wondmagegne D. Whibesilassie, Gad Perry, and Robert D. Bradley. Morphometric and Genetic Variation in Eight Breeds of Ethiopian Camels (*Camelus dromedaries*). Annual meeting of the Texas Society of Mammalogists. 2015. (Poster, Regional Meeting).

- Wagley, Marisa E., Megan S. Keith, and Robert D. Bradley. 2015. Re-evaluating phylogenetic relationships within the *Peromyscus boylii* group. Annual meeting of the Texas Society of Mammalogists. 2015. (Poster, Regional Meeting).
- Ordóñez-Garza, Nicté and Robert D. Bradley. Diversification of terrestrial small mammals across the Isthmus of Tehuantepec. Annual meeting of the Texas Society of Mammalogists. 2015. (Regional Meeting).
- Núñez, Maria R., Nicté Ordóñez-Garza, Gage R. Rowden, and Robert D. Bradley. Understanding species limits of the *Peromyscus mexicanus* species group using a genetic approach. Annual meeting of the Texas Society of Mammalogists. 2015. (Poster, Regional Meeting).
- Rowden, Gage R., Christopher D. Dunn, Jack R. Francis, Marissa E. Wagley, Catarina A. Pizaña, Sarah A. Roth, Maria Nuñez, Yoseph Legesse, and Robert D. Bradley. Genetic variation among the eight breeds of Ethiopian camels (*Camelus dromedarius*). Annual meeting of the Texas Society of Mammalogists. 2015. (Poster, Regional Meeting).
- Roberts, Emma K., Erica Gomez, Sheri Ayers, James Q. Francis, and Robert D. Bradley. Molecular Systematics of *Geomys* based on two nuclear and two mitochondrial genes. Annual meeting of the Texas Society of Mammalogists. 2015. (Poster, Regional Meeting).
- Maria Nuñez, Nicté Ordóñez-Garza, Gage Rowden, and Robert D. Bradley. Understanding species limits of *Peromyscus mexicanus* group using a genetic approach. 6th Texas Tech Annual Biological Sciences Symposium. 2015. (Poster, Regional Meeting).
- Maria Nuñez\*, Nicté Ordóñez-Garza, Gage Rowden, and Robert D. Bradley. Understanding species limits of *Peromyscus mexicanus* group using a genetic approach. CALUE-Center for Acting Learning and Undergraduate Engagement at the Undergraduate Research Conference TTU. 2015. (Poster, Regional Meeting).
- Wagley, Marisa E., Megan S. Keith, and Robert D. Bradley. 2015. Re-evaluating phylogenetic relationships within the *Peromyscus boylii* group. CALUE-Center for Acting Learning and Undergraduate Engagement at the Undergraduate Research Conference TTU. 2015. (Poster, Regional Meeting).
- Rowden, Gage R., Christopher D. Dunn, Jack R. Francis, Marissa E. Wagley, Catarina A. Pizaña, Sarah A. Roth, Maria Nuñez, Yoseph Legesse, and Robert D. Bradley. Genetic variation among the eight breeds of Ethiopian camels (*Camelus dromedarius*). 6th Texas Tech Annual Biological Sciences Symposium. 2015. (Poster, Regional Meeting).
- Roberts, Emma K., Daniel M. Hardy, Roy N. Platt II, Caleb D. Phillips, and Robert D. Bradley. The zonadhesin gene reveals reproductive advantage unique to divergence of Eutherian mammals. 6th Texas Tech Annual Biological Sciences Symposium. 2015. (Regional Meeting).
- Ordóñez-Garza, Nicté, and Robert D. Bradley. Bio-diversification of small mammals across the Mesoamerican highlands. 6th Texas Tech Annual Biological Sciences Symposium. 2015. (Regional Meeting).
- Nicté Ordóñez-Garza, Gage R. Rowden, and Robert D. Bradley. The harvest mice genus *Reithrodontomys* across the Mesoamerican highlands. 6th Texas Tech Annual Biological Sciences Symposium. 2015. (Regional Meeting).

- Yoseph W. Legesse, Christopher D. Dunn, Matthew R. Mauldin, Gage R. Rowden, Nicté Ordóñez-Garza, Sied A. Mohammed, Mohammed K. Yusuf, Wondmagegne D. Whibesilassie, Gad Perry, and Robert D. Bradley. Morphometric and Genetic Variation in Eight Breeds of Ethiopian Camels (*Camelus dromedaries*). 6th Texas Tech Annual Biological Sciences Symposium. 2015. (Regional Meeting).
- Ordóñez-Garza, Nicté, and Robert D. Bradley. Reconstructing the evolutionary history of small mammals in Nuclear Central America. Albert R. Alma Shadle Fellowship Award (Plenary Address). Annual meeting of the American Society of Mammalogists. 2015. (National Meeting).
- Roberts, Emma K., Daniel M. Hardy, Roy N. Platt II, Caleb D. Phillips, and Robert D. Bradley. Evolution of the zonadhesin gene depicts a unique history during the origin of Eutherian mammals. Annual meeting of the American Society of Mammalogists. 2015. (National Meeting).
- Roberts, Emma K., Erica Gomez, Sheri Ayers, James Q. Francis, and Robert D. Bradley. Molecular Systematics of *Geomys* based on two nuclear and two mitochondrial genes. Annual meeting of the American Society of Mammalogists. 2015. (Poster, National Meeting).
- Yoseph W. Legesse, Christopher D. Dunn, Matthew R. Mauldin, Gage R. Rowden, Nicté Ordóñez-Garza, Sied A. Mohammed, Mohammed K. Yusuf, Wondmagegne D. Whibesilassie, Gad Perry, and Robert D. Bradley. Morphometric and Genetic Variation in Eight Breeds of Ethiopian Camels (*Camelus dromedaries*). Annual meeting of the American Society of Mammalogists. 2015. (National Meeting).
- Sullivan, K. A. M., Roy N. Platt II, Robert D. Bradley, and David A. Ray. Classification of SINE subfamilies in *Peromyscus maniculatus*. Federation of American Societies for Experimental Biology - Science Research Confernece on Mobile DNA in Mammalian Genomes. 2015. (National Meeting).
- Roberts, Emma K., Daniel M. Hardy, and Robert D. Bradley. The utility of zonadhesin in examining a potential reproductive isolation mechanism in rodents. Annual meeting of the Texas Society of Mammalogists. 2016. (Regional Meeting).
- Ordóñez-Garza, Nicté and Robert D. Bradley. Timing of diversification for Neotropical Cricetid rodents across the Isthmus of Tehuantepec. Annual meeting of the Texas Society of Mammalogists. 2016. (Regional Meeting).
- Lindsey, Laramie L., Roy Neal Platt, David Ray, Caleb Phillips, and Robert D. Bradley. Addressing the adaptive radiation in *Peromyscus* using transcriptome data. Annual meeting of the Texas Society of Mammalogists. 2016. (Regional Meeting).
- Sullivan, Kevin A. M., Roy N. Platt II, Robert D. Bradley, and David A. Ray. Phylogenetic analysis of fifteen rodent mitochondrial genomes. Annual meeting of the Texas Society of Mammalogists. 2016. (Regional Meeting).
- Stuhler, John, David Ray, Robert D. Bradley, Neal Platt, Cristina Rios-Blanco, Carlos Garcia, and Richard Stevens. Predicting the contemporary distribution of a rare kangaroo rat (*Dipodomys elator*) using historical occurrence data, and present-day habitat surveys. Annual meeting of

- the Texas Society of Mammalogists. 2016. (Poster, Regional Meeting).
- Francis, James Q., Caleb D. Phillips, and Robert D. Bradley. Phylogenetics of *Peromyscus maniculatus* based on the mitochondrial gene cytochrome-b. Annual meeting of the Texas Society of Mammalogists. 2016. (Poster, Regional Meeting).
- Roberts, Emma K., Whitney N. Watson, Daniel M. Hardy, and Robert D. Bradley. Using genomics and bioinformatics to determine the origin and phylogenetic significance of zonadhesin in rodents. Annual meeting of the Texas Society of Mammalogists. 2016. (Poster, Regional Meeting).
- Stuhler, John, David Ray, Robert Bradley, Neal Platt, Cristina Rios-Blanco, Carlos Garcia, and Richard Stevens. Predicting the contemporary distribution of a rare kangaroo rat (*Dipodomys elator*) using historical occurrence data and present-day field surveys. 15<sup>th</sup> Annual Graduate Research Poster Competition, Texas Tech University. 2016.
- Ordóñez-Garza, Nicté, and Robert D. Bradley. Diversification of Neotropical Cricetid Rodents in Mesoamerica. 2016. 15<sup>th</sup> Annual Graduate Research Poster Competition, Texas Tech University. 2016.
- Nuñez-Tabares, María R., Nicté Ordóñez-Garza, Gage R. Rowden, and Robert D. Bradley. Understanding species limits of the *Peromyscus mexicanus* group using a genetic approach. 2016. Texas Tech University Undergraduate Research Conference.
- Roberts, Emma K., Whitney N. Watson, Daniel M. Hardy, and Robert D. Bradley. Using genomics and bioinformatics to determine the origin and phylogenetic significance of the zonadhesion gene in Rodentia. 2016. Texas Tech University Undergraduate Research Conference.
- Wagley, Marisa Elise, Megan S. Keith, and Robert D. Bradley. Reevaluating phylogenetic relationships within the *Peromyscus boylii* group. 2016. Texas Tech University Undergraduate Research Conference.
- Donckels, Kelsey B., Laramie L. Lindsey, Loren K. Ammerman, and Robert D. Bradley. Patterns of genetic diversification in a widely distributed species of bat, *Molossus molossus*, based on a nuclear marker. 2016. Texas Tech University Undergraduate Research Conference.
- Roberts, Emma K., Daniel M. Hardy, and Robert D. Bradley. The utility of zonadhesin in examining a potential reproductive isolation mechanism in rodents. 7th Texas Tech Annual Biological Sciences Symposium. 2016. (Regional Meeting).
- Sullivan, Kevin A. M., Roy N. Platt II, Robert D. Bradley, and David A. Ray. Phylogenetic analysis of fourteen rodent mitochondrial genomes. 7th Texas Tech Annual Biological Sciences Symposium. 2016. (Regional Meeting).
- Lindsey, Laramie L., Roy Neal Platt, David Ray, Caleb Phillips, and Robert D. Bradley. Addressing the adaptive radiation in *Peromyscus* using transcriptome data. 7th Texas Tech Annual Biological Sciences Symposium. 2016. (Regional Meeting).
- Francis, James Q., Caleb D. Phillips, and Robert D. Bradley. Resolving the phylogeography and phylogenetic variation in *Peromyscus maniculatus* using molecular systematics and next generation sequencing. 7th Texas Tech Annual Biological Sciences Symposium. 2016. (Regional

Meeting).

- Roberts, Emma K., Whitney N. Watson, Daniel M. Hardy, and Robert D. Bradley. Using genomics and bioinformatics to determine the origin and phylogenetic significance of the zonadhesion gene in Rodentia. 7th Texas Tech Annual Biological Sciences Symposium. 2016. (Poster, Regional Meeting).
- Donckels, Kelsey B., Laramie L. Lindsey, Loren K. Ammerman, and Robert D. Bradley. Patterns of genetic diversification in a widely distributed species of bat, *Molossus molossus*, based on a nuclear marker. 7th Texas Tech Annual Biological Sciences Symposium. 2016. (Poster, Regional Meeting).
- Soniat, Taylor J., Nicté Ordóñez-Garza, and Robert D. Bradley. Molecular phylogenetics of the *Peromyscus mexicanus* species group. 2016. 7th Texas Tech Annual Biological Sciences Symposium. 2016. (Poster, Regional Meeting).
- Gross, Brandon A. Gross, Travis J. Stieb, Robert D. Bradley, Ruth M. Elsey, Ray E. Willis, and Llewellyn D. Densmore III. Genetic observation of museum specimens for the American alligator (*Aligator mississippiensis*) from various cleaning methods. 2016. 7th Texas Tech Annual Biological Sciences Symposium. 2016. (Poster, Regional Meeting).
- Ordóñez-Garza, Nicté, and Robert D. Bradley. Neotropical Cricetid rodent diversification in mesoamerican highlands / Diversificación de roedores cricétidos Neotropicales en tierras altas mesoamericanas. 2016. Southwestern Association of Naturalists 63<sup>rd</sup> annual meeting. Mexico City, Mexico. (Regional Meeting).
- Almendra, Ana L., Francisco X. González-Cózatl, Elizabeth Arellano, Robert D. Bradley, Michelle L. Haynie, Robert J. Baker, and Duke S. Rogers. Mitochondrial DNA sequences support recognition of several cryptic species within *Reithrodontomys fulvescens* (Rodentia: Cricetidae) / Secuencias de ADN mitocondrial apoyan el reconocimiento de varias especies crípticas en *Reithrodontomys fulvescens* (Rodentia:Cricetidae). 2016. Southwestern Association of Naturalists 63<sup>rd</sup> annual meeting. Mexico City, Mexico. (Poster, Regional Meeting).
- Roberts, Emma K., Daniel M. Hardy, and Robert D. Bradley. The utility of zonadhesin in examining a potential isolation mechanism in rodents. Annual meeting of the American Society of Mammalogists. 2016. (National Meeting).
- Dunn, Christopher D., Matthew R. Mauldin, Marisa E. Wagley, Jeremy E. Wilkinson. Phylogeography and the origin of free ranging elk in Texas. Annual meeting of the American Society of Mammalogists. 2016. (National Meeting).
- Ordóñez-Garza, Nicté, and Robert D. Bradley. Quaternary diversification of Mesoamerican montane Neotropical Cricetid rodents. Annual meeting of the American Society of Mammalogists. 2016. (National Meeting).
- James Q. Francis, Caleb D. Phillips, and Robert D. Bradley. Resolving the Phylogeographic and Phylogenetic variation present in *Peromyscus maniculatus* using molecular systematics and next generation sequencing. Society for the Study of Evolution. 2016. (Oral, International Meeting).



Soniat, Taylor J., Nicté Ordóñez-Garza, and Robert D. Bradley. Molecular phylogenetics of the *Peromyscus mexicanus* species group. 2016. Society for the Study of Evolution. (Poster, International Meeting).

Threadgill, Courtney L., Warren C. Conway, Robert D. Cox, Robert D. Bradley, and James W. Cain, III. Proghorn fawn survival and cause-specific mortality in a localized pronghorn population in southeast New Mexico. Arizona/New Mexico Joint Annual Meeting of the Wildlife Society.

#### **STUDENT AWARDS AND GRANTS:**

Matthew R. Mauldin. 2010. Junction Graduate Scholarship, Texas Tech University.

Howard M. Huynh. 2010. Graduate Student Award (for top incoming Ph.D. students). Committee on Evolutionary Biology, University of Chicago (\$180,000 USD; declined).

Megan S. Corley - Best Presentation in the Evolutionary Biology Category. "Phylogenetic Relationships and Tribal Divergence Times in the Subfamily Neotominae." Texas Tech Annual Biological Sciences Symposium. 2 April 2011. Award amount: \$200.

Megan S. Corley. 2011. "Phylogenetic Relationships and Tribal Divergence Times in the Rodent Subfamily Neotominae." TTUAB Grant. Budget: \$2391.00. Awarded: \$700.

Howard M. Huynh. 2011-2014. Postgraduate Research Fellowship, National Science and Engineering Research Council (NSERC), Canada (\$63,000 CDN).

Howard M. Huynh. 2011. NSERC Systematics Research Graduate Supplement (\$15,000 CDN; in review).

Howard M. Huynh. 2011-2012. New Brunswick Wildlife Trust Fund (\$8,500 CDN; in review)

Howard M. Huynh. 2010-2012. Doctoral Provost Fellowship, Texas Tech University. Office of the Provost, Texas Tech University (\$50,000 USD).

Howard M. Huynh. 2011. Travel award, Texas Tech University Association of Biologists (\$550.00 USD)

Howard M. Huynh. 2011. ARRA VPR Scholarship, Texas Tech University.

Cody W. Thompson. 2011. Graduate Research Scholarship, Texas Tech University.

Thompson, Cody W., Frederick B. Stangl, Jr., and Robert D. Bradley. 2012. Packard Award - Texas Society of Mammalogists for "Potential ancient hybridization and mitochondrial capture in hybridizing ground squirrels (Genus *Spermophilus*)". Annual meeting of the Texas Society of Mammalogists, Junction, TX (Regional Meeting).

Matt R. Mauldin. 2013. TSM Award, Annual Meeting of the Texas Society of Mammalogists, Junction, TX. (Regional Meeting).

- Emma K. Roberts. 2013. Howard McCarley Award. Southwestern Association of Naturalists.
- Megan S. Corley-Keith. 2014. Texas Academy of Science Annual Student Research Award Competition. \$2000
- Christopher Dunn. 2014. Texas Academy of Science Annual Student Research Award Competition. \$1,000
- Christopher Dunn. 2014. Texas University Association of Biologists. \$700
- Emma K. Roberts. 2014. Grants-in-Aid of Research. American Society of Mammalogists. \$1,200
- Emma K. Roberts. 2014. J Knox Jones, Jr. Scholarship. \$1250
- Emma K. Roberts. 2014. Michelle Knapp Scholarship. \$500
- Nicté Ordóñez-Garza. 2014. Shadle Fellowship. American Society of Mammalogists. \$4,500
- Nicté Ordóñez-Garza. 2014. J Knox Jones, Jr. Scholarship. \$1,250
- Nicté Ordóñez-Garza. 2014. Michelle Knapp Scholarship. \$500
- Emma K. Roberts. 2015. TSM Award, Annual Meeting of the Texas Society of Mammalogists, Junction, TX. (Regional Meeting). \$400
- Christopher D. Dunn. 2015. Clyde Jones Award, Annual Meeting of the Texas Society of Mammalogists, Junction, TX. (Regional Meeting). \$400
- Emma K. Roberts. 2015. 1st place for oral presentation in Evolutionary Biology category (Graduate Student). 6th Texas Tech Annual Biological Sciences Symposium. (Regional Meeting).
- James Q. Francis. 2015. 2nd place for oral presentation in Undergraduate category. 6th Texas Tech Annual Biological Sciences Symposium. (Regional Meeting).
- Whitney Watson. 2015. First Place among undergraduate presentation at the CISER Scholar Research Forum.
- James Q. Francis. 2016. First Place "Oral Category for Proposals". 7th Texas Tech Annual Biological Sciences Symposium. \$250.
- Whitney Watson. 2016. Second Place "Oral Presentation in Undergraduate Category". 7th Texas Tech Annual Biological Sciences Symposium. \$150.
- Laramie L. Lindsey. 2016. First Place "Oral Category for Evolutionary Biology". 7th Texas Tech Annual Biological Sciences Symposium. \$250.
- Nicté Ordóñez-Garza. 2016. Runner-up Award in Ecobehavior. 15<sup>th</sup> Annual Graduate School Poster Competition.

Emma K. Roberts. 2016. Recipient of the Michelle Knapp Fellowship.

James Q. Francis. 2016. Finalist for the Ernst Mayr Award for Oral Presentation. Society for the Study of Evolution.

James Q. Francis. 2016. Recipient of the J Knox Jones Memorial Endowed Scholarship. \$1,000.