

## **MICHAEL THOMAS DIXON**

Department of Biology  
Angelo State University  
San Angelo, Texas 76909  
325-486-6636  
michael.dixon@angelo.edu

### **EDUCATION**

- Ph. D. 1994      The University of Texas at Austin, in Zoology. Title: "Ribosomal RNA as a Phylogenetic Tool: History, Secondary Structure and Application to Parrot Evolution."
- B. A. 1984      Miami University (Oxford, Ohio) in Zoology
- Also attended Miami-Dade Community College (1979-80), Wilmington College (1982), University of Miami (1986-87)
- Honor Societies      Phi Kappa Phi (Academic), Beta Beta Beta & Phi Sigma (Biology), Sigma Xi (Research)

### **PROFESSIONAL POSITIONS AND AWARDS**

- 2023      Honorary Member, Texas Society of Mammalogists
- 2003 – present      Angelo State University, San Angelo, Texas  
Chair, Department of Biology, 2018-2023  
Associate Professor of Biology, 2013–present  
Curator of Reptiles and Amphibians, 2011–present  
Nominee for Gary and Pat Rodgers Distinguished Faculty Award, 2014  
Texas Tech University System Chancellor's Distinguished Teaching Award, 2012  
Angelo State University President's Award for Faculty Excellence in Teaching, 2012  
Biology Department nominee for Faculty Excellence in Teaching Award, 2012  
Biology Department nominee for Faculty Excellence in Teaching Award, 2011  
Assistant Professor of Biology, 2003–2013
- 2006      NSF Chautauqua Short Course, Course Director  
"The Biology of Bats in Big Bend National Park"
- 1992 – 2003      Texas Wesleyan University, Fort Worth  
Associate Professor of Biology, 1997–2003  
Chair, Department of Biology, 1997–2001  
University College Distinguished Faculty Award  
Chair, Faculty Council and Faculty Assembly, 1997–98  
Director, Tropical Biology Program, 1993–2001  
Assistant Professor of Biology, 1992–97
- 1990 – 1991      Teacher  
Kirby Hall School, Austin
- 1987 – 1992      Assistant Instructor, Research Assistant, Teaching Assistant  
Department of Zoology  
The University of Texas at Austin
- 1986 – 1987      Instructor, Research Assistant, Teaching Assistant  
Department of Biology  
The University of Miami (Florida)
- 1984 – 1986      Research Assistant, Teaching Assistant  
Department of Zoology  
Miami University (Ohio)

## TEACHING EXPERIENCE

### Angelo State University, San Angelo

#### Biology

Human Biology (lecture & lab)  
Man and The Environment (lecture & lab)  
Evolution  
Herpetology (lecture & lab)  
Intro. To Tropical Biology

Tropical Ecology  
Biodiversity, Conservation, and Ecology  
History of Western Biological Science  
Graduate Seminar in Biology  
University Studies  
Freshman Seminar Signature Course

### Texas Wesleyan University, Fort Worth

#### Biology

Introductory Biology (lecture & lab)  
Organismal Diversity (lecture & lab)  
Molecular Biology (lecture)  
Evolution and Ecology (lecture & lab)  
Techniques of Field Zoology (lecture & lab)  
Vertebrate Natural History (lecture & lab)  
Intro. to Tropical Biology (lecture & lab)  
Herpetology (lecture & lab)  
Supervised Projects (independent research)

Intro. to Molecular Techniques (lect. & lab)  
Senior Seminar  
Natural Science (non-science majors courses)  
Animal Life (lecture & lab)  
Contemporary Biology (lecture & lab)  
Humanities  
The Human Experience  
The Human Prospect  
General Studies  
Freshman Seminar

### Kirby Hall School, Austin

Fifth grade science

High school biology

### Graduate Student Teaching

Cell and Molecular Biology Honors  
discussion section (UT)  
Ecology, Evolution, and Society  
discussion section (UT)

Genetics Laboratory (UT)  
Genetics (lecture & lab) (UM)  
Herpetology (lab) (MU)

Active participant in interdisciplinary teaching circle for the improvement of undergraduate teaching (TWU, 1996-2001)

## ADMINISTRATIVE EXPERIENCE

### **Angelo State University**

Committee Chair: Faculty Senate External Affairs Committee (2008-2009)

Committee Member: Faculty Research Enhancement Program (2021-present), Mayer Museum (2021-present), Gender Studies (2019-present), College Curriculum (2018-2023), Teacher Education Council (2018-2023), Academic Review (2016-present), University Core Curriculum (2011-present), USTD Review (2011), Faculty Athletic (2009-12), Recycling Advisory (2009), Faculty Senate (2007-09), College of Sciences Curriculum (2005-07)

### **Texas Wesleyan University**

Department Chair: Biology Department (1997-2001)

Director: Tropical Biology Program (1993–2000), Wildscape Challenge Grant (1994–95)

Elected Representative: Chair, Faculty Council and Faculty Assembly (1997/98), Faculty Council (2000-02, 1995-96), Academic Affairs Committee (1995–97)

## ADMINISTRATIVE EXPERIENCE

### Texas Wesleyan University (CONTINUED)

Committee Chair: Animal Use (1993–2002), Biology Search (1999–2000), Tenure (Benz, 1997–99), President’s Task Force on Campus Communications (Co-chair) 1998, Undergraduate Admissions (1995–97), Interterm Courses Steering (1995–96), Biology Search (1995–96)

Committee Member: Tenure (Chandrasekaran, 2000–01), SACS Self-Study, (2000–01), Psychology Search (2000), Educational Support Services (1999–2001), Pre-professional Studies Advisory (1995–2001), Strategic Issues (1998–2001), Faculty Load (1999–2001), School Graduate Faculty Review (1998–99), Tenure (Lambert, 1998), Mentoring (Maddox, 1997–98), International Education (1997–98) Associate Vice-President for Student Life Screening Committee (1997), Teaching, Learning and Technology Roundtable (1997), Weekend University Assessment (1997), Macintosh Lab Taskforce (1997), General Studies Advisory (1996–97), University Assessment Steering (1995–96), Career Planning and Placement (1995–96), Institutional Plan, Faculty Chapter (1995–96), Skills Development Advisory (1995–96), Student Retention (1995–96), Biology Search (1995), Chemistry Search (1995–96), Dean of Students Search (1996), Athletics (1996–97), Career Development and Placement (1994–95), Human Subjects (1993–2001).

## PROFESSIONAL DEVELOPMENT

2023: Peer-Led Team Learning International Society Annual Conference. Houston, TX.

2019: McGraw-Hill Environmental Science Teaching Symposium. Dubuque, IA

2015: McGraw-Hill Life Sciences Symposium, Austin, TX

2013: Wiley Faculty Network Course Design Workshop, Las Vegas, NV

2006: Benjamin Cummings Education Forum: Environmental Science, San Francisco, CA

2005: Lilly Conference on College Teaching, Oxford, OH

2004: McGraw-Hill Environmental Science Teaching Symposium. Santa Fe, NM

1999: Anabat Training Workshop, Southwest Research Station, Portal, AZ

1999: Council on Undergraduate Research: Issues of Mid-Career Faculty, San Antonio, TX

1999: Texas Association of Advisors for the Health Professions, Annual meeting, Houston, TX

1996: American Association of Higher Education, Symposium on Faculty Roles and Development, Atlanta, GA

1996: Chautauqua Short Course, Tropical Plant Families: Recognition, Classification, Uses, Miami, FL

1996: American Council on Education, Chairing the Academic Department, San Antonio, TX

## FUNDING

2023 ASU Graduate Research Fellowship with Tayla Prichard - \$1,000

2021 ASU Undergraduate Faculty Mentored Academic Grant with Kellen Rowe - \$1,500

2020 ASU Graduate Research Fellowship with Makayla Easley - \$1,000

2012 – 2014 Texas Department of Parks and Wildlife, A Baseline Assessment of the Mammals, Reptiles, and Amphibians of Devils River State Natural Area, South Unit”, with Ammerman and Dowler, \$43,299

**FUNDING (CONTINUED)**

2011-2014 National Science Foundation, “Collections in Support of Biological Research: Natural History Collections: Modernization and Digitization of the Angelo State Natural History Collections”, with Ammerman, Amos, Dowler, Maxwell - \$480,865

2006 Texas Army National Guard, with R. C. Dowler - \$31,104

2006 ASU Technology Development Grant - \$5,700

2006 Texas Army National Guard, with L.K. Ammerman - \$2,000

2004 ASU Technology Development Grant - \$3,500

1998 Sam Taylor Fellowship - \$2,000

1998 Bass Research Fellowship - \$2,000

1994 Texas Parks and Wildlife Wildscape Grant - \$2,000

1993-99 Bass Faculty Development Awards - (numerous) \$125 - \$2,000

1992-99 Carter Equipment Awards - (numerous) total \$40,000

1992 Richardson Faculty Development Award - \$1,300

1989 University of Texas Professional Development Award - \$500

1989 Avicultural Research and Breeding Center Grant - \$350

1982 Miami University Student Research Award - \$300

**PROFESSIONAL SERVICE**

Treasurer, Southwestern Association of Naturalists, 2012-2017

Local Committee, Texas Society of Mammalogists, 2006-2019

Co-founder, co-coordinator, and lecturer Ecosystem Expeditions for middle school science teachers (with C. Bryant, Botanical Research Institute of Texas 1998-2001, Costa Rica 2001, East Texas 2000, West Texas 1999)

Co-founder, co-coordinator, and lecturer North Central Texas Amphibian Watch (with J. Davis, Texas Parks and Wildlife 1998-2000)

Masters Thesis Advisor: Austin Osmanski (2012-2014), Makayla Easley (2020-2022)

Thesis committee member for Liliana Ramirez (2019), Joseph Pleen (2012), Natalie Sato (2006), Sharon Ziadeh (2004) ASU; Jana Higginbotham, The University of Texas at Arlington (1999)

Co-coordinator and host, Dean's Honor and New Faculty Reception, 1995-96

Student Presentation Judge – Southwestern Association of Naturalists, Texas Society of Mammalogists and Beta Beta Beta regional meeting (numerous years)

Local, Regional and State Science Fair Judge (numerous years)

Abstractor for Recent Ornithological Literature

## PROFESSIONAL SERVICE (CONTINUED)

Reviewer for Appraisal, Arkansas Journal of Science, Biochemical Genetics, Evolution, Herpetologica, Insect Molecular Biology, Recent Ornithological Literature, Southeastern Naturalist, Southwestern Naturalist, Systematic Zoology

Local Committee, Twenty-first Annual North American Symposium on Bat Research (1991)

Press Liaison and Society of Systematic Zoology Representative, Local Committee, American Society of Zoologists, 1990 Annual Meeting

## PUBLICATIONS

### Scholarly Articles

Dixon, M., and L. Ammerman. In preparation. Natural History Note. *Plestiodon*. Herpetological Review.

Dixon, M., R. Rodriguez, and L. Ammerman. 2014. Comparison of two survey methods used for bats along the Lower Canyons of the Rio Grande and in Big Bend National Park. Pp. 241-249. In: Proceedings of the Sixth Symposium on the Natural Resources of the Chihuahuan Desert Region. (C.A. Hoyt & J. Karges, eds.) Chihuahuan Desert Research Institute, Fort Davis, Texas.

Serio, T., and M. Dixon. 2014. A preliminary investigation into the use of environmental DNA to detect the presence of rare *Eurycea* salamanders in the Devils River, Texas. *Crius* 2.1:17-34 (ASU undergraduate research journal).

Ferguson, A., and M. Dixon. 2007. Natural History Note. *Elaphe guttata emoryi*. Herpetological Review 38(3): 340.

Ritzi, C., L. Ammerman, M. Dixon and J. Richerson. 2001. Bat ectoparasites from the Trans-Pecos region of Texas, including notes from Big Bend National Park. *Journal of Medical Entomology* 38(3): 400-404.

Higginbotham, J., M. Dixon and L. Ammerman. 2000. Yucca provides roost for *Lasiurus xanthinus* (Chiroptera, Vespertilionidae) in Texas. *Southwestern Naturalist* 45(3): 338-340.

Higginbotham, J., L. Ammerman and M. Dixon. 1999. First record of *Lasiurus xanthinus* (Chiroptera: Vespertilionidae) in Texas. *Southwestern Naturalist* 44(3):343-347.

McGown, L., M. Dixon and L. Ammerman. 1994. Geographic Distribution. *Syrroplus cystignathoides*. Herpetological Review 25(1):32.

Hillis, D., L. Ammerman, M. Dixon and R. de Sá. 1993. Ribosomal DNA and the phylogeny of frogs. Herpetological Monographs 7:118-131.

Stepien, C., M. Dixon and D. Hillis. 1993. Evolutionary relationships of the blennioid fish families Clinidae, Labrisomidae, and Chaenopsidae: congruence among DNA sequence and allozyme data. *Bulletin of Marine Science* 52(1):496-515.

Dixon, M., and D. Hillis. 1993. Ribosomal RNA secondary structure: compensatory mutations and implications for phylogenetic analysis. *Molecular Biology and Evolution* 10(1):256-267.

Hillis, D., and M. Dixon. 1991. Ribosomal DNA: molecular evolution and phylogenetic inference. *Quarterly Review of Biology* 66:411-453.

Hillis, D., M. Dixon and A. Jones. 1991. Minimal genetic variation in a morphologically diverse species (Florida Tree Snail, *Liguus fasciatus*). *Journal of Heredity* 82:282-286.

Scholarly Articles CONTINUED

- Hillis, D., M. Dixon and L. Ammerman. 1991. The relationships of the coelacanth *Latimeria chalumnae*: evidence from sequences of vertebrate 28S ribosomal RNA genes. Pp. 119-130. In: The Biology of *Latimeria chalumnae* and Evolution of Coelacanths. (J. A. Musick, M. N. Bruton, and E. K. Balon, eds.). Kluwer Academic Publishers, Dordrecht. Reprinted from Environmental Biology of Fishes 32:119-130.
- Hillis, D., and M. Dixon. 1989. Vertebrate phylogeny: evidence from 28S ribosomal DNA sequences. Pp. 355-367. In: The Hierarchy of Life: Molecules and Morphology in Phylogenetic Analysis. Proc. Nobel Symp. 70 (B. Fernholm, K. Bremer, and H. Jornvall, eds.). Excerpta Medica, Elsevier Science Publishers, Amsterdam.

Popular Articles

- Dixon, M. 2000. A New Bat in Texas. Texas Parks and Wildlife February: 11.
- Dixon, M. 1997. The Thrill of Discovery. Bats 15(2):5.
- Dixon, M. 1996. Frequency Fliers. Texas Parks and Wildlife February: 48-52.

Book Reviews

- Dixon, M. 1995. Cats. Appraisal 28(x):xx.
- Dixon, M. 1995. Biodiversity. Appraisal 28(x):xx.
- Dixon, M. 1995. Earth Mirth: The Ecology Riddle Book. Appraisal 28(1):72.
- Dixon, M. 1994. Microbiology: High-School Science Fair Experiments. Appraisal 27(4):17.
- Dixon, M. 1994. Water Wars. Appraisal 27(2&3):8-9.
- Dixon, M. 1994. Vultures. Appraisal 27(1):36-37.
- Dixon, M. 1994. Birdwatching. Appraisal 27(1):20-21.
- Dixon, M. 1994. Frogs. Appraisal 27(1):16-17.
- Dixon, M. 1994. Big Birds. Appraisal 27(1):8-9.
- Dixon, M. 1993. "Extinct" series. Appraisal 26(x):xx.
- Dixon, M. 1993. "Animal Behavior" series. Appraisal 26(x):xx.
- Dixon, M. 1992. You Call That A Farm?: Raising Otters, Leeches, Weeds and Other Unusual Things. Appraisal 25(1):23.
- Dixon, M. 1991. "Sierra Club Wildlife Library" series. Appraisal 24(4):102.
- Dixon, M. 1991. The Feather Book. Appraisal 24(4):44..
- Dixon, M. 1991. "Could You Be a" series. Appraisal 24(1): 61.
- Dixon, M. 1991. An Owl in the House: A Naturalist's Diary. Appraisal 24(1): 28-29.

## PROFESSIONAL PRESENTATIONS

- Easley, M., M. Dixon, and N. Negovetich. 2023. A survey of parasites of freshwater turtle in the Concho Valley. Poster presentation, Texas Academy of Science, San Angelo, TX.
- Easley, M., M. Dixon, and N. Negovetich. 2022. Survey of parasites of freshwater turtle in the Concho Valley. Poster presentation, ASU Graduate Research Symposium, San Angelo, TX.
- Rowe, K. and M. Dixon. 2022. Comparative diet analysis of urban and rural feral cats. Poster presentation, ASU Undergraduate Research Symposium, San Angelo, TX.
- Easley, M., N. Negovetich, and M. Dixon. 2021. Survey of freshwater turtle parasites of the Concho Valley. Poster presentation, ASU Graduate Research Symposium, San Angelo, TX.
- Ammerman, L. and M. Dixon. 2017. Ten years of monitoring the colony size of the Mexican long-nosed bat (*Leptonycteris nivalis*) in Texas using thermal imaging. North American Symposium on Bat Research, Knoxville, TN.
- Ammerman, L. and M. Dixon. 2017. Monitoring the colony size of the Mexican long-nosed bat (*Leptonycteris nivalis*) in Texas using thermal imaging. Southwestern Association of Naturalists meeting, Lawton, OK.
- Dixon, M. 2015. The curious complexity of frogs: Things your elementary science teacher forgot to tell you. Public presentation. Angelo State Natural History Collections Open House, San Angelo, TX.
- Parreiras J., A. Osmanski, M. Dixon, and R. Dowler. 2015. Devils River State Natural Area herpetofauna, south central Texas, USA: Traditional survey methods and unmanned aerial vehicle to assess a preserved area at the interface of three ecological regions. 7<sup>th</sup> Congresso Brasileiro de Herpetologia, Gramado, Rio Grande de Sul, Brazil.
- Osmanski, A., M. Dixon, R. Dowler, and N. Negovetich. 2015. On the use of unmanned aerial vehicles to rapidly assess microhabitats of two Texas lizard species, *Cophosaurus texanus* and *Aspidoscelis gularis*. Wilks Award Finalist Presentation, Southwestern Association of Naturalists meeting, San Diego, CA.
- Osmanski, A. and M. Dixon. 2014. Relative species abundance and diversity of amphibians and reptile communities among three habitat scales at the Devils River State Natural Area – Big Satan Unit. Christmas Mountains Research Symposium. Terlingua Ranch – TX State University, Terlingua, TX.
- Osmanski, A. and M. Dixon. 2014. Relative species abundance and diversity of amphibian and reptile communities between two habitat scales at the Devils River State Natural Area – Big Satan Unit. Poster presentation, ASU Graduate Research Symposium, San Angelo, TX.
- Revelez, M., L. Ammerman, B. Amos, M. Dixon, R. Dowler, and T. Maxwell. 2013. Modernization and digitization of the Angelo State Natural History Collections (ASNHC). The Society For the Preservation of Natural History Collections, Rapid City, SD.
- Ammerman, L., M. Dixon, and E. Adams. 2013. Annual fluctuations in the colony size of *Leptonycteris nivalis* in Texas estimated using thermal imaging. Poster presentation, International Bat Research Conference, San Jose, Costa Rica.
- Serio, T. and M. Dixon. 2013. A survey in the Devils River for two threatened species of *Eurycea* salamander. Poster presentation, National Collegiate Honors Council, New Orleans, LA.
- Osmanski, A. and M. Dixon. 2013. Relative species abundance and diversity of amphibian and reptile communities between habitat types of the Devils River State Natural Area – South Unit. Poster presentation, ASU Graduate Research Symposium, San Angelo, TX.

**PROFESSIONAL PRESENTATIONS (CONTINUED)**

- Dixon, M.T. 2013. Award winning teaching: Do what works. Beta Beta Beta Guest Speaker, San Angelo, TX.
- Osmanski, A. and M. Dixon. 2012. A larval amphibian survey of playa lakes in the Texas panhandle. Poster presentation, Tri-Beta National Convention, San Juan, Puerto Rico.
- Ammerman, L. and M. Dixon. 2011. Monitoring the colony size of the Mexican long-nosed bat (*Leptonycteris nivalis*) in Texas using thermal imaging. Poster presentation, North American Symposium on Bat Research, Toronto, Canada.
- Ammerman, L. and M. Dixon. 2011. Monitoring the colony size of the Mexican long-nosed bat (*Leptonycteris nivalis*) in Texas using thermal imaging. Poster presentation, Southwestern Association of Naturalists meeting, Tyler, TX.
- Ammerman, L., and M. Dixon. 2008. Monitoring Changes in the Bat Community of the Big Bend Region: Trends Over the Last 40 Years. Texas Parks and Wildlife 2008 Wildlife Diversity Conference. Houston, TX.
- Webb, L., L. Ammerman, C. Brown, M. Dixon, R. Dowler, G. Guerra, M. McDonough and R. Rodriguez. 2008. Impact of military training on bat activity and diversity at Texas Army National Guard sites. Texas Society of Mammalogists, Junction, TX.
- Ammerman, L., T. Kunz, N. Hristov, M. McDonough, M. Dixon, and R. Skiles. 2006. Use of infrared thermal imaging to census the endangered Mexican long-nosed bat (*Leptonycteris nivalis*) in Big Bend National Park, Texas. Southwestern Association of Naturalists, Colima, Mexico.
- Ammerman, L., T. Kunz, N. Hristov, M. McDonough, M. Dixon, and R. Skiles. 2006. Use of infrared thermal imaging to census the endangered Mexican long-nosed bat (*Leptonycteris nivalis*) in Big Bend National Park, Texas. North American Symposium on Bat Research, Sacramento, CA, 2005.
- Rodriguez, R., L. Ammerman, and M. Dixon. 2004. Comparison of two survey methods used for bats along the Lower Canyons of the Rio Grande and in Big Bend National Park. Sixth Symposium on the Natural Resources of the Chihuahuan Desert Region: U. S. and Mexico, Alpine, TX.
- Hammond, S., L. Ammerman, and M. Dixon. 2003. Phylogenetic relationships of cockatoos (Order Psittaciformes) to the other orders of birds. Angelo State University Student Academic Showcase.
- Higginbotham, J., A. Matthews, M. Dixon and L. Ammerman. 2002. Roosting Ecology and Seasonal Dynamics of the Pocketed Free-tailed Bat (*Nyctinomops femorosaccus*) in Big Bend National Park, Texas. American Society of Mammalogists, Lake Charles, LA.
- Dixon, M., and L. Ammerman. 2000. Caño Palma: Seven years of experience. Invited speaker, Canadian Organization of Tropical Education and Rainforest Conservation, Toronto, Canada.
- Dixon, M. 2000. Texas Wesleyan in the Tropics. Mitchell Lecture Series, Texas Wesleyan University, Fort Worth, TX.
- Rainey, E., L. Ammerman and M. Dixon. 2000. Overlap and Diversity in the Diets of Frugivorous Bats in the Lowland Tropical Rainforest of Costa Rica. Southwestern Association of Naturalists, Denton, TX.
- Rodriguez, R., L. Ammerman and M. Dixon. 2000. Geographic Variation and Genetic Substructuring of *Myotis californicus* and *Myotis ciliolabrum*. Southwestern Association of Naturalists, Denton, TX.
- Rainey, E., L. Ammerman and M. Dixon. 2000. Overlap and Diversity in the Diets of Frugivorous Bats in the Lowland Rainforest of Costa Rica. Texas Society of Mammalogists, Junction, TX.



**PROFESSIONAL PRESENTATIONS (CONTINUED)**

- Higginbotham, J., L. Ammerman, M. Dixon and A. Matthews. 1999. Roosting Ecology and Seasonal Dynamics of Free-tailed Bat Species in Big Bend National Park, Texas. Fifth Symposium on Resources of the Chihuahuan Desert Region: U. S. and Mexico, Alpine, TX.
- Matthews, A., J. Higginbotham, L. Ammerman and M. Dixon. 1999. Observations on the Western Yellow Bat (*Lasiurus xanthinus*) in Texas. Fifth Symposium on Resources of the Chihuahuan Desert Region: U. S. and Mexico, Alpine, TX.
- Richey, R., L. Ammerman and M. Dixon. 1999. Determination of Monophyletic Lineages in the Parrot Family Cakatuidae. Society for the Study of Evolution, Madison, WI.
- Ammerman, L., J. Higginbotham and M. Dixon. 1999. Roosting Ecology and Seasonal Population Fluctuations of Free-tailed Bat Species in Big Bend National Park, Texas. Southwestern Association of Naturalists, Monterrey, Mexico.
- Dixon, M., J. Higginbotham and L. Ammerman. 1999. Observations on the Western Yellow Bat (*Lasiurus xanthinus*) in Texas. Southwestern Association of Naturalists, Monterrey, Mexico.
- Higginbotham, J., L. Ammerman and M. Dixon. 1999. Chiropteran Community Structure and Seasonal Activity Patterns in the Chihuahuan Desert, Big Bend National Park, Texas. Southwestern Association of Naturalists, Monterrey, Mexico.
- Richey, R., L. Ammerman and M. Dixon. 1999. Determination of Monophyletic Lineages in the Parrot Family Cakatuidae. Texas Academy of Sciences, Seguin, TX.
- Ammerman, L., J. Higginbotham and M. Dixon. 1999. Roosting Ecology and Seasonal Population Fluctuations of Free-tailed Bat Species in Big Bend National Park, Texas. Texas Academy of Sciences, Seguin, TX.
- Dixon, M., J. Higginbotham and L. Ammerman. 1999. Observations on the Western Yellow Bat (*Lasiurus xanthinus*) in Texas. Texas Academy of Sciences, Seguin, TX.
- Matthews, A., J. Higginbotham, L. Ammerman and M. Dixon. 1999. Observations on the Western Yellow Bat (*Lasiurus xanthinus*) in Texas. Texas Society of Mammalogists, Junction, TX.
- Dixon, M., and J. Higginbotham. 1998. Using the TreeTop Peeper II Video Camera to View Cliff-Dwelling Bat Roosts. North American Symposium on Bat Research, Hot Springs, AR.
- Higginbotham, J., L. Ammerman and M. Dixon. 1998. The Chiropteran Community Structure, Activity Patterns and Seasonal Dynamics within the Desert Lowlands of Big Bend National Park, and Notes on *Lasiurus xanthinus* in Texas. North American Symposium on Bat Research, Hot Springs, AR.
- Foxworth, S., M. Dixon, J. Higginbotham and L. Ammerman. 1998. A Two-Year Analysis of the Reproductive Cycles of the Bats of Big Bend National Park. Southwestern Association of Naturalists, Albuquerque, NM.
- Higginbotham, J., L. Ammerman and M. Dixon. 1998. Roosting Ecology, Activity Patterns and Community Structure of Three Species of Free-tailed Bats in Big Bend National Park, Texas. Southwestern Association of Naturalists, Albuquerque, NM.
- Foxworth, S., M. Dixon, J. Higginbotham and L. Ammerman. 1998. The Reproductive Cycle of Ten Common Species of Bats in Big Bend National Park. Texas Academy of Sciences, Tyler, TX.
- Higginbotham, J., L. Ammerman and M. Dixon. 1997. Noteworthy Records of Several Species of Rare Bats in Big Bend National Park, Texas. North American Symposium on Bat Research, Tucson, AZ.

**PROFESSIONAL PRESENTATIONS (CONTINUED)**

- Dixon, M., S. Foxworth, J. Higginbotham and L. Ammerman. 1997. Evidence of Early Parturition in Several Bat Species in Big Bend National Park. North American Symposium on Bat Research, Tucson, AZ.
- Foxworth, S., M. Dixon, and J. Higginbotham. 1997. The Reproductive Cycle of Ten Common Species of Bat in Big Bend National Park. Beta Beta Beta Regional Meeting, Lake Texoma, OK.  
SF won a Texas Academy of Sciences award for her presentation.
- Myers, M., M. Dixon, J. Higginbotham and L. Ammerman. 1997. The First Record of *Lasiurus xanthinus* (Mammalia:Chiroptera) in Texas. Beta Beta Beta Regional Meeting, Lake Texoma, OK.
- Dixon, M. 1997. Change in Nature: The First Record of the Western Yellow Bat in Texas. University College Day, Texas Wesleyan University, Fort Worth, TX.
- Foxworth, S., M. Dixon, and J. Higginbotham. 1997. Changing Perspectives For a Better Understanding: A Reanalysis of the Reproductive Cycle of Bats in Big Bend National Park. University College Day, Texas Wesleyan University, Fort Worth, TX.  
SF's presentation recognized as "Outstanding Student Presentation".
- Higginbotham, J., L. Ammerman and M. Dixon. 1997. Rare Bats of the Chihuahuan Desert, Big Bend National Park. Texas Society of Mammalogists, Junction, TX.  
JH won the Packard Award for this presentation.
- Dixon, M. 1996. Texas Wesleyan in the Tropics.  
Texas Christian University, Fort Worth, TX.  
Texas Woman's University, Denton, TX.  
Texas Wesleyan University, Fort Worth, TX.
- Higginbotham, J., L. Ammerman and M. Dixon. 1996. Rare Bats of the Chihuahuan Desert, Big Bend National Park. University of Texas at Arlington Graduate Research Symposium, Arlington, TX.
- Dixon, M. 1995. Evolutionary Relationships Within the Order Psittaciformes: Phylogenetic Analysis of Molecular and Morphological Data. American Ornithological Union, Cincinnati, OH.
- Farha, H., M. Dixon and L. Ammerman. 1995. Small-Mammal Survey of the Fort Worth Nature Center, Tarrant County, Texas. Beta Beta Beta Regional Meeting, Lake Texoma, OK.
- Dixon, M. 1995. A Genetic Look at History. Mitchell Lecture Series, Texas Wesleyan University, Fort Worth, TX.
- Dixon, M. 1994. Ribosomal RNA as a Phylogenetic Tool: History, Secondary Structure and Application to Parrot Evolution. Dissertation defense, The University of Texas at Austin, Austin, TX.
- Dixon, M., and L. Ammerman. 1992. A Survey of the Bat Community and an Analysis of the Diets of Bats at Sirena, Corcovado National Park, Costa Rica. Texas Society of Mammalogists, Junction, TX.
- Dixon, M. 1992. Resolving Relationships Using the Polymerase Chain Reaction. Texas Wesleyan University, Fort Worth, TX.
- Dixon, M., and L. Ammerman. 1991. A Survey of the Bat Community of Corcovado National Park, Costa Rica. North American Symposium on Bat Research, Austin, TX.
- Hillis, D., L. Ammerman, M. Dixon and R. de Sá. 1990: Phylogeny of Amphibians Based on Ribosomal DNA Sequences. The Phylogeny of Amphibia Symposium, American Society of Zoologists, San Antonio, TX.
- Dixon, M., and D. Hillis. 1990. Effects of Secondary Structure on the Evolution of Vertebrate 28S rRNA. American Society of Zoologists, San Antonio, TX.

**PROFESSIONAL PRESENTATIONS (CONTINUED)**

- Hillis, D., and M. Dixon. 1989. Phylogenetic Relationships of Coelacanth Based on Ribosomal DNA Sequence. Evolution and Biology of Coelacanth Symposium, American Society of Ichthyologists and Herpetologists, San Francisco, CA.
- Hillis, D., and M. Dixon. 1988. Phylogeny of Vertebrates: An Analysis of Ribosomal DNA. Nobel Symposium, The Hierarchy of Life, Karlskoga, Sweden.
- Dixon, M., and S. Guttman. 1986. The Apparent Absence of Allozyme Selection by Heavy Metals in a Population of the Earthworm *Lumbricus rubellus*. Ohio Academy of Science, Toledo, OH.