

JOEL G. BRANT, Ph.D.*Curriculum Vitae*

Department of Biology, Midwestern State University,
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EDUCATION:

- Ph. D. (Biology) August 2005;
Texas Tech University, Texas (2000-2005);
Dissertation title: *A comparison of the rodent faunas in sandhill habitats from the northern Chihuahuan Desert in New Mexico and Texas.*
- M. S. (Biology) August 2000;
Angelo State University, Texas (1998-2000);
Thesis title: *A survey of the mammals of Devils River State Natural Area and relative abundance of small mammals in the area.*
- B. S. (Biology) May 1998;
Abilene Christian University, Texas (1994-1998);
Minor in History.

PROFESSIONAL POSITIONS:

- Professor, Department of Biology, Midwestern State University, August 2025-present.
Professor, Department of Biology, McMurry University, August 2015 – May 2025.
Associate Professor, Department of Biology, McMurry University, August 2011 – August 2015.
Assistant Professor, Department of Biology, McMurry University, August 2005 – August 2011.
Teaching Assistant, Department of Biological Sciences, Texas Tech University, August 2000 - May 2001, August 2001 - May 2002, August 2002 - December 2002, August 2004 - May 2005.
Research Assistant, Dr. Clyde Jones, the Museum of Texas Tech University, June 2001 - August 2001, June 2002 - August 2002, January 2003 – August 2004.
Teaching Assistant, Department of Biology, Angelo State University, August 1999 - May 2000.
Graduate Assistant, Department of Biology, Angelo State University, August 1998 - August 1999.
Research Assistant, Dr. Thomas E. Lee, Jr., Department of Biology, Abilene Christian University, June 1998 - August 1998.

TEACHING EXPERIENCE:

- Midwestern State University (2025-present: 5 courses).
BIOL 1214 – Life II: Ecology & Evolution – required course for Biology majors (taught 1 time).
BIOL 3234 – Comparative Anatomy of Vertebrates - required for Biology majors (taught 2 times).
BIOL 4333/5233 – Mammalogy – elective & graduate course (taught 1 time).
BIOL 4913 – Animal Behavior – directed study (taught 1 time).

BIOL 5913 – Mammals of the Trans-Pecos – graduate directed study (taught 1 time).
McMurry University (2005-2025: 24 courses).

ACAD 1340 - Freshman Seminar - orientation course for Freshmen (taught 2 times).

BIOL 1306 - General Biology I - required course for Biology majors (taught 2 times).

BIOL 1401 - Principles of Biology - a non-majors General Education Science course
(taught 21 times).

BIOL 1403 - Biology of Animals - required course for Biology majors (taught 1 time).

GEOS 1405 - Environmental Geology - General Education course (taught 8 times).

BIOL 2110 - Environmental Seminar – required seminar for Biology majors (taught 13
times).

BIOL 3100 - Research Team - student research course (taught 14 times).

BIOL 3399 - Vertebrate Natural History - special topic course (taught 1
time).

BIOL 3440 - Comparative Anatomy of Vertebrates - required for Biology majors
(taught 20 times).

BIOL 3460 - Genetics - required course for Biology majors (taught 1 time)

BIOL 4101 - Biological Literature - required seminar for Biology majors (taught 7
times).

BIOL 4201 - Capstone research - student research course (taught 16 times).

BIOL 4340 - Biology Field Studies - travel elective course (taught 1 time).

ENVR 4350 - Principles of Geographic Information Systems - elective course (taught 2
times).

BIOL 4360 - Evolution - elective course (taught 9 times).

BIOL 4430 - Ecology - required for Biology majors (taught 17 times).

BIOL 4292 - Animal Behavior - elective course (taught 1 time).

BIOL 4392 - Conservation Biology – elective course (taught 6 times).

BIOL 4392 - Mammalogy - elective course (taught 4 times).

BIOL 4392 - Herpetology - elective course (taught 3 times).

BIOL 4392 - History & Biology of Whaling - travel elective course (taught 2 times).

BIOL 4392 - Marine Biology - elective course (taught 2 times).

BIOL 4392 - Animal Nutrition - elective course (taught 1 time).

BIOL 4492 - Urban Ecology – elective course (taught 1 time).

Texas Tech University (2000-2005: 5 laboratory courses).

Biology of Animals - Non-Majors (taught 1 time).

Human Anatomy & Physiology (taught 2 times).

Mammalogy (taught 2 times).

Vertebrate Natural History (taught 1 time).

Vertebrate Structure (taught 1 time).

Angelo State University (1999-2000; 1 laboratory course).

Introductory Biology - Non-Majors (taught 2 times)

UNIVERSITY SERVICE:

Midwestern State University (2025-present)

Departmental Service:

Department Chair (2025-present)

McMurry University (2005-2025)

Departmental Service:

- Molecular Biologist Search Committee (2007-2008)
- Science Building Planning Committee (2007-2008)
- Invertebrate Biologist Search Committee (2009-2010)
- Geosciences Search Committee, Chair (2011-2012)
- Invertebrate Biologist Search Committee, Chair (2013-2014)
- Department Chair (2018-2024)
- Genetics Search Committee, Chair (2022-2024)
- Microbiology Search Committee, Chair (2023-2024)

Institutional Service:

- Curriculum Committee (2006-2008, 2020-2021)
- Communication Across the Curriculum Task Force (2006-2009), Co-chair (2007-2009)
- Institutional Review Board (2006-2009)
- Faculty Athletics Representative (2009-2015)
 - BOT-Athletics Committee (2009-2010)
 - BOT-D2 Task Force (2010-2011)
 - Faculty Athletics Advisory Council (2010-2012), Chair (2010-2012)
 - Athletics Cabinet (2011-2015)
 - Compliance Committee (2011-2015)
 - University Athletics Council (2012-2015), Chair (2012-2015)
 - Athletics Student Aid Think Tank, Chair (2013)
 - Athletics Director Search Committee (2014)
 - Football Head Coach Search Committee (Spring 2014)
 - Track Head Coach Search Committee (Summer 2014)
 - Men's Soccer Head Coach Search Committee (Fall 2014)
- BOT-Information & Technology Committee (2009-2010)
- SACS QEP Coordinator (2009-2016)
- Gender Equity Advisory Committee (2012-2015)
- BOT-Presidential Search Committee (2013)
- University Leadership Team (2013-2017)
- Aspiring Academic Vision Steering Committee (2013-2014)
- Chair of the Faculty (2015-2017)
 - Faculty Council (2015-2017)
 - University Budget Committee (2015-2017)
 - Expanded President's Cabinet (2015-2017)
 - Assistant Vice President for Academic Affairs Search Committee (2015)
 - Dean of Students Search Committee (2016)
 - University Benefits Committee (2016-2017)
- QEP Topic Selection Committee (2016-2017)
- Faculty Development Committee (2017-2019), Chair (2018-2019)
- QEP Design Committee (2017-2018)
- BOT-Finance Committee (2017-2018)
 - University Budget Committee (2017-2018)
- Faculty Council (2021-2023)
- Education Advisory Committee (2023-2024)

PROFESSIONAL AFFILIATIONS:

Texas Society of Mammalogists, 1998-present
 Auction Committee member (2004-2016), Chair (2008-2011)
 Student Honoraria Committee member (2006-2023), Chair (2012)
 Executive Committee member (2012-present), Chair (2013)
 President-Elect (2011-2012)
 President (2012-2013)
 Permanent Secretary, (2020-present)
 American Society of Mammalogists, 1999-2012, 2018-present
 Nomenclature Committee member (2005-2012)
 Membership Committee member (2007-2012)
 Texas Academy of Science, 1999–2004, 2009-2012, 2024-present
 Southwestern Association of Naturalists, 2000-present
 Membership Committee member (2014-2020)
 Associate Editor, Southwestern Naturalist (2018-2022)
 Texas Chapter of the Wildlife Society, 2000-2001
 Project Kaleidoscope, 2007-2009

AWARDS, GRANTS, & SCHOLARSHIPS:

Honorary Membership, Texas Society of Mammalogists, 2025 Class.
 National Science Foundation, Robert Noyce Capacity Building Grant, 2023-2024, “McMurry STEM Teacher Education Preparation Program (M-STEPP)” (\$98,367).
 The 2022 E. E. Hall Memorial Scholar Award, McMurry University (\$1000).
 The 2019 Gordon R and Lola J. Bennet Faculty Award, McMurry University (\$1000).
 Texas Military Department Grant, 2017-2019, “Mammal Survey of Camp Bowie Training Center, Brown County, Texas” (\$35,970).
 Sam Taylor Fellowship Fund, 2016-2017, “Population genetics of the eastern mole (*Scalopus aquaticus*) in the Southern Rolling Plains of Texas” (\$1500).
 Sam Taylor Fellowship Fund, 2015-2016, “Population genetics of the eastern mole (*Scalopus aquaticus*) in the Southern Rolling Plains of Texas” (\$1000).
 KIVA award, Faculty Development Committee, McMurry University, 2014, “Characterization of Chiropteran Communities using Ultrasonic Detectors on the Southern Rolling Plains of Texas” (\$1500).
 Sam Taylor Fellowship Fund, 2013-2014, “Characterization of Chiropteran Communities using Ultrasonic Detectors on the Southern Rolling Plains of Texas” (\$2000).
 KIVA award, Faculty Development Committee, McMurry University, 2011, “Geographic distribution of the eastern mole (*Scalopus aquaticus*) on the Southern Rolling Plains of Texas.” (\$1500).
 Sam Taylor Fellowship Fund, 2010-2011, “Population assessment of bobcats (*Lynx rufus*) on the Southern Rolling Plains of Texas” (\$2000).
 KIVA award, Faculty Development Committee, McMurry University, 2010, “Population assessment of bobcats (*Lynx rufus*) on the Southern Rolling Plains of Texas” (\$1500).
 Sam Taylor Fellowship Fund, 2009-2010, “The small mammals of the Southern Rolling Plains” (\$2000).

KIVA award, Faculty Development Committee, McMurry University, 2009, “The small mammals of the Southern Rolling Plains” (\$1500).
 Sam Taylor Fellowship Fund, 2007-2008, “Morphological review of the *Perognathus flavus* species group (Rodentia: Heteromyidae)” (\$1500).
 Vernon Bailey Award, 2004, Texas Society of Mammalogists (\$100).
 National Park Service, 2003-2004, “The mammals of the sand dunes complex, Guadalupe Mountains National Park, Texas” (\$14,000).
 J. Knox Jones Jr., Memorial Endowed Scholarship, 2002, Texas Tech University (\$1250).
 William B. Davis Award, 2002, Texas Society of Mammalogists (\$100).
 Department of Biology Summer Mini-grant, 2001, Texas Tech University (\$500).
 Sowell Scholarship, 2001, Texas Tech University (\$200).
 Carr Research Fellow, 2000, Angelo State University.
 Carr Research Scholarship, 1999-2000, Angelo State University; “A survey of the mammalian fauna of the San Angelo State Park with an analysis of the relative abundance of small mammal species” (\$3500).
 Carr Academic Scholarship, 1998-2000, Angelo State University.
 Roy T. Clark Biology Award, 1998, Department of Biology, Abilene Christian University.

FIELD EXPERIENCE:

2020-2024: Herptile survey at Firebase Libby, Callahan County, Texas.
 2019-2024: Ultrasonic detection of bat communities in the Southern Rolling Plains of Texas.
 2019-2024: Small mammal survey at Firebase Libby, Callahan County, Texas.
 Summer 2019: pocket mice collecting trip to the Trans-Pecos of Texas.
 2017-2019: mammal collecting trips to Camp Bowie Training Center, Brown County, Texas.
 Summer 2014: mole & pocket gopher collecting trips to Callahan, Coleman, Coke, Fisher, Jones, Nolan, Shackelford, Runnels, & Taylor counties, Texas.
 Fall 2011: mole collecting trips to Callahan, Fisher, Jones, & Taylor counties, Texas.
 Spring 2010: mammal collecting trips to Callahan & Taylor counties, Texas.
 Fall 2009: mammal collecting trips to Callahan County, Texas.
 Spring/Summer 2009: mammal collecting trips around Taylor County, Texas.
 September 2004: bat-collecting trip to Elephant Mountain Wildlife Management Area, Texas.
 August 2004: mammal-collecting trip to the Sierra del Carmen, Coahuila, Mexico.
 August 2004: mammal-collecting trip to the Great Sand Dune National Preserve & Monument, Colorado.
 October 2003 – February 2004: mammal-collecting trips to the sand dune complex in Guadalupe Mountains National Park, Texas.
 May 2003 – August 2005: mammal-collecting trips to Chinati Mountains State Natural Area in the Trans-Pecos, Texas.
 May 2002: Trip to Puerto Rico as part of a long-term snail-monitoring project to determine the effect of hurricanes on snail populations in Puerto Rico.
 July 2001 - August 2001: Sowell Expedition to Ecuador to investigate a corridor across the Rio Pastaza.
 June 2001: mammal-collecting trip to Montana and Wyoming.
 March 2001 - Present: mammal-collecting trips to Big Bend Ranch State Park and the Davis Mountains in the Trans-Pecos, Texas.

January 2001 & June 2004: mammal-collecting trips to Chaparral Wildlife Management Area in south Texas for a study on arenavirus.

December 2000: rodent collecting trip to North and Central Florida.

October 2000 – August 2003: mammal-collecting trips to Monahans Sandhills State Park.

June - July 2000: research trip to the Galapagos Islands to investigate the status of endemic rodents on Isla Isabela, Isla Santa Cruz, Isla Baltra, and Isla San Cristobal.

October 1999: Mammalogy class collecting trip to Trinity and Nacogdoches Counties, Texas.

April 1999 - March 2000: several mammal-collecting trips to San Angelo State Park, Tom Green County, Texas.

November 1998 - November 1999: several mammal-collecting trips to Devils River State Natural Area, Val Verde County, Texas, M.S. thesis work.

Summer of 1998: Several mammal-collecting trips through New Mexico, Arizona, and West Texas as well as working on a mark and recapture study at Abilene State Park for Dr. Thomas E. Lee, Jr.

March 1998: Mammalogy course collecting trip to Val Verde County, Texas and Elephant Mountain Wildlife Management Area in Brewster County, Texas.

Summer of 1997: several trapping trips to parts of Taylor County, Texas.

OTHER EXPERIENCE:

FAA Remote Pilot license (July 2021)

ESRI certification: Introduction to ArcView GIS (April 2001).

ESRI certification: Introduction to GIS (June 2017).

ESRI certification: Essential Workflows (June 2017).

Scuba certification: Open Water (April 1997), Advance Open Water (November 1997), Wreck Diver (March 1998).

PUBLICATIONS:

Lee, T. E., Jr. & **J. G. Brant**. 2014. The first distribution record of *Sciurus pyrrhinus* Thomas, 1898 (Rodentia: Sciuridae) from Ecuador. Check List, 10(3):663-664.

Lee, T. E., Jr., **J. G. Brant**, H. E. Rainer, & J. D. Thompson. 2010. Additional records of mammals from the Southern Rolling Plains. Texas Journal of Science, 62(4):305-307.

Brant, J. G., R. C. Dowler, & C. E. Ebeling. 2006. The mammals of San Angelo State Park, Texas. Occasional Papers, the Museum, Texas Tech University, 265:1-18.

Haynie, M. L., **J. G. Brant**, L. R. McAliley, J. P. Carrera, M. A. Revelez, D. A. Parish, X. Viteri, C. Jones, & C. J. Phillips. 2006. Investigations of a natural corridor between two national parks in central Ecuador: results from the Sowell Expedition, 2001. Occasional Papers, the Museum, Texas Tech University, 263:1-16.

Brant, J. G., & T. E. Lee, Jr. 2006. A morphological analysis of *Perognathus flavus* and *Perognathus merriami* (Rodentia: Heteromyidae) from New Mexico and Texas. Southwestern Naturalist, 51(1):79-86.

Brant, J. G., & C. Jones. 2005. Annotated checklist of marine mammals of Texas. Occasional Papers, the Museum, Texas Tech University, 244:1-4.

Bradley, L. C., B. R. Amman, **J. G. Brant**, L. R. McAliley, F. Mendez-Harclerode, J. R. Suchecki, C. Jones, H. H. Genoways, R. J. Baker, & R. D. Bradley. 2005. Mammalogy at Texas Tech University: a historical perspective. Occasional Papers, the Museum, Texas Tech University, 243:1-30.

- Brant, J. G.,** J. L. Higginbotham, & C. Jones. 2002. Noteworthy record of the silver-haired bat, *Lasionycteris noctivagans* (Chiroptera: Vespertilionidae), in Presidio County, Texas. *Southwestern Naturalist*, 47(4):633-635.
- Higginbotham, J. L., R. S. DeBaca, **J. G. Brant**, & C. Jones. 2002. Noteworthy records of bats from the Trans-Pecos region of Texas. *Texas Journal of Science*, 54(3):277-282.
- Brant, J. G.,** & C. Jones. 2002. Distributional records of mammals from the Permian Basin, Texas. *Texas Journal of Science*, 54(3):269-276.
- Brant, J. G.,** & R. C. Dowler. 2002. Reexamination of the range for the northern pygmy mouse, *Baiomys taylori* (Rodentia: Muridae), in northeastern Texas. *Texas Journal of Science*, 54(2):189-192.
- Brant, J. G.,** & R. C. Dowler. 2001. The mammals of Devils River State Natural Area, Texas. *Occasional Papers, the Museum, Texas Tech University*, 211:1-31.
- Brant, J. G.,** & R. C. Dowler. 2000. Noteworthy record of the Seminole bat, *Lasiurus seminolus* (Chiroptera: Vespertilionidae), in Val Verde County, Texas. *Texas Journal of Science*, 52(4):353-355.
- Brant, J. G.,** & T. E. Lee, Jr. 1999. New records of mammals for Loving County, Texas. *Texas Journal of Science*, 51(4):347-350.

INVITED SEMINARS:

- Brant, J. G. 2023. The Natural History of the Rolling Plains of Texas. Texas Ornithological Society Meeting, Abilene, Texas.
- Jones, C. & J. G. Brant. 2004. Mammal species to watch in the Big Bend Region. Wildlife Diversity Conference, Texas Parks & Wildlife, San Marcos, Texas.
- Brant, J. G. 2004. A comparison of the rodent faunas in sandhill habitats from the northern Chihuahuan Desert in Texas. Mammalogy Class, Abilene Christian University, Abilene, Texas.
- Brant, J. G., & C. Jones. 2004. The mammals of the sand dunes complex, Guadalupe Mountains National Park, Texas. Staff Seminar, Guadalupe Mountains National Park, Texas.
- Brant, J. G. 2003. Biogeographic studies of mammals in Texas. The Wildlife Club, West Texas A&M, Canyon, Texas.

PROFESSIONAL PRESENTATIONS:

- Parrish, S., J. G. Brant, & T. J. Boyle. 2026. Vocalization signatures of frog species: a study of call patterns for species identification and biodiversity monitoring in a temperate wetland ecosystem. Texas Academy of Sciences meetings, Tyler, Texas (1st Place in Terrestrial Ecology & Management).
- Dale, C., & J. G. Brant. 2025. A comparison of rural and urban bird populations in the Big Country. Texas Academy of Sciences meetings, Waco, Texas (Poster – 1st Place in Terrestrial Ecology & Management).
- Franklin, A., & J. G. Brant. 2025. Rodent habitat selection in three counties (Callahan, Coleman, and Taylor) in Texas. Texas Academy of Sciences meetings, Waco, Texas (Poster).
- Gwinn, S., & J. G. Brant. 2025. Vocalization signatures of frog species: a study of call patterns for species identification and biodiversity monitoring in a temperate wetland

- ecosystem. Texas Academy of Sciences meetings, Waco, Texas (Poster – 2nd Place in Terrestrial Ecology & Management).
- Siebert, M., S. Gwinn, & J. G. Brant. 2025. Comparative medium to large mammal diversity within the Crosstimbers of central Callahan County, Texas. Texas Academy of Sciences meetings, Waco, Texas (Poster).
- Dale, C., S. Gwinn, & J. G. Brant. 2025. Population fluctuations in rodents from Callahan County, Texas, 2019-2024. Texas Society of Mammalogists Meetings, Junction, Texas (Poster – Vernon Bailey Award winner).
- Gwinn, S., M. Siebert, & J. G. Brant. 2025. The diversity of medium to large mammals within the Crosstimbers of Central Callahan County, Texas. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Gwinn, S., & J. G. Brant. 2024. Population fluctuations of rodents from 2019-2023 at Firebase Libby, Callahan County, Texas. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Marshall, L., B. Sikes, & J. G. Brant. 2023. Biodiversity assessment and estimation of population density of rodents at Firebase Libby, Callahan County, Texas. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Boyles, K., & J. G. Brant. 2021. Biodiversity of herptile fauna in Callahan County, Texas. Southwestern Association of Naturalists Meetings, remote.
- Harris, R., & J. G. Brant. 2020. Bat diversity and the impact of wind turbines on the bat communities in the Big Country. Texas Society of Mammalogists Meetings, Junction, Texas.
- Scott, A., & J. G. Brant. 2020. Estimating the density of small rodents at Firebase Libby, Callahan County, Texas. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Lynn, H. B., & J. G. Brant. 2020. Animal diversity of medium to large mammals in Callahan County using camera traps. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Holybee, C. R., J. G. Brant, & D. N. Lee. 2019. Evolutionary relationships among subspecies of the eastern mole (*Scalopus aquaticus*) in the central United States. Oklahoma Research Day (Poster).
- Holybee, C. R., J. G. Brant, & D. N. Lee. 2019. Evolutionary relationships among subspecies of the eastern mole (*Scalopus aquaticus*) in the central United States. Texas Society of Mammalogists Meetings, Junction, Texas (Poster - Clyde Jones Award winner).
- Goedde, K. M., R. M. Leucht, S. R. Velasquez, & J. G. Brant. 2019. Mammal species abundance analysis using camera traps at Camp Bowie Training Facility, Brown County, Texas. Texas Society of Mammalogists Meetings, Junction, Texas (Rollin H. Baker Award winner).
- Leucht, R. M., S. R. Velasquez, K. M. Goedde, & J. G. Brant. 2018. Survey of small mammal diversity at Camp Bowie Training Facility. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Crittenden, M. J., & J. G. Brant. 2015. Clarification of the distribution of the eastern mole (*Scalopus aquaticus*, Talpidae) on the Southern Rolling Plains region of Texas. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).

- Cope, C. B., & J. G. Brant. 2012. Geographic distribution of the eastern mole, *Scalopus aquaticus*, throughout the Southern Rolling Plains of Texas. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Doyle, P., T. E. Lee, Jr., C. Stapp, & J. G. Brant. 2012. Wind turbine caused bat fatalities in central Texas. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Stapp, C. M., P. Doyle, T. E. Lee, Jr., & J. G. Brant. 2012. The impact of wind turbines on bat diversity in the Southern Rolling Plains. Texas Society of Mammalogists Meetings, Junction, Texas.
- Mitchell, E., & J. G. Brant. 2011. A survey of the activity patterns of medium to large mammals in the Southern Rolling Plains of Texas. Texas Tech Annual Biological Sciences Symposium, Lubbock, Texas.
- Mitchell, E., & J. G. Brant. 2011. A survey of the activity patterns of medium to large mammals in the Southern Rolling Plains of Texas. Texas Society of Mammalogists Meetings, Junction, Texas.
- Ames, R., V. Arroyo, L. Medina, L. Roach, & J. G. Brant. 2010. Effect of vegetation alteration on small mammal diversity in Callahan County, Texas. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Lee, T. E., Jr., J. D. Hanson, C. A. Craig, J. G. Brant, & R. N. Platt. 2009. Morphological and molecular analysis of populations of *Oreoryzomys balneator*. The American Society of Mammalogists annual meetings, Fairbanks, Alaska (Poster).
- Brant, J. G., & C. Jones. 2005. The effect of sand dune migration on rodent communities in Monahans Sandhills State Park, Texas. The American Society of Mammalogists annual meetings, Springfield, Missouri.
- Brant, J. G., & C. Jones. 2005. A comparison of the rodent faunas in sandhill habitats from the northern Chihuahuan Desert in Texas. The Southwestern Association of Naturalists annual meetings, Huntsville, Texas.
- Brant, J. G., & C. Jones. 2004. A comparison of the rodent faunas in sandhill habitats from the northern Chihuahuan Desert in Texas. The American Society of Mammalogists annual meetings, Arcata, California.
- Brant, J. G., J. L. Higginbotham, C. Jones, & C. J. Phillips. 2004. Patterns of hantavirus infections in rodents using natural history characteristics. The Southwestern Association of Naturalists annual meetings, San Antonio, Texas.
- Brant, J. G., J. L. Higginbotham, C. Jones, & C. J. Phillips. 2004. Patterns of hantavirus infections in rodents using natural history characteristics. Graduate Student Appreciation Week Poster/Research Competition, Graduate & Professional Student Association, Texas Tech University, Lubbock, Texas (Poster).
- Brant, J. G., & C. Jones. 2004. A comparison of the rodent faunas in sandhill habitats from the northern Chihuahuan Desert in Texas. Graduate Forum, Texas Tech University Association of Biologists, Lubbock, Texas.
- Brant, J. G., J. L. Higginbotham, C. Jones, & C. J. Phillips. 2004. Patterns of hantavirus infections in rodents using natural history characteristics. Texas Society of Mammalogists Meetings, Junction, Texas (Poster).
- Brant, J. G., R. S. Debaca, & C. Jones. 2004. The mammalian faunal elements of Texas. Texas Society of Mammalogists Meetings, Junction, Texas.

- Brant, J. G., J. L. Higginbotham, C. Jones, & C. J. Phillips. 2003. Patterns of hantavirus infections in rodents using natural history characteristics. The American Society of Mammalogists annual meetings, Lubbock, Texas.
- Brant, J. G., & C. Jones. 2003. The northward expansion of *Baiomys taylori* in Texas from 1898 – 1998: a geographic information system approach. The American Society of Mammalogists annual meetings, Lubbock, Texas (Poster).
- Brant, J. G., & C. Jones. 2003. The northward expansion of *Baiomys taylori* in Texas from 1898 – 1998: a geographic information system approach. The Southwestern Association of Naturalists annual meetings, Norman, Oklahoma.
- Brant, J. G., & C. Jones. 2003. The northward expansion of *Baiomys taylori* in Texas from 1898 – 1998: a geographic information system approach. Graduate Forum, Texas Tech University Association of Biologists, Lubbock, Texas.
- Brant, J. G., & C. Jones. 2003. The northward expansion of *Baiomys taylori* in Texas from 1898 – 1998: a geographic information system approach. Texas Society of Mammalogists Meetings, Junction, Texas.
- McAliley, L. R., M. L. Haynie, J. G. Brant, C. J. Phillips, C. Jones, & R. J. Baker. 2002. Examination of gene flow within a proposed corridor in Ecuador: does the Rio Pastaza restrict gene flow in small mammals. A pilot study. The Society for Conservation Biology annual meetings, Canterbury, England (Poster).
- Haynie, M. L., L. R. McAliley, J. G. Brant, C. J. Phillips, C. Jones, & R. J. Baker. 2002. Taxonomic identification and genetic structure of small mammals in central Ecuador: a test of the corridor hypothesis. The American Society of Mammalogists annual meetings, Lake Charles, Louisiana.
- Brant, J. G., & T. E. Lee, Jr. 2002. A morphometric analysis of *Perognathus flavus* and *Perognathus merriami* (Rodentia: Heteromyidae) in Texas and New Mexico. The American Society of Mammalogists annual meetings, Lake Charles, Louisiana.
- Haynie, M. L., L. R. McAliley, J. G. Brant, C. J. Phillips, C. Jones, & R. J. Baker. 2002. Efficiency of the Rio Pastaza as a natural corridor in central Ecuador: a pilot study. Graduate Forum, Texas Tech University Association of Biologists, Lubbock, Texas.
- Brant, J. G., & T. E. Lee, Jr. 2002. A morphometric analysis of *Perognathus flavus* and *Perognathus merriami* (Rodentia: Heteromyidae) in Texas and New Mexico. Graduate Forum, Texas Tech University Association of Biologists, Lubbock, Texas.
- Brant, J. G., & T. E. Lee, Jr. 2002. A morphometric analysis of *Perognathus flavus* and *Perognathus merriami* (Rodentia: Heteromyidae) in Texas and New Mexico. Texas Society of Mammalogists Meetings, Junction, Texas.
- Brant, J. G., & C. Jones. 2001. The mammalian faunal elements of Texas. The American Society of Mammalogists annual meetings, Missoula, Montana.
- Brant, J. G., & C. Jones. 2001. The mammalian faunal elements of Texas. The Southwestern Association of Naturalists annual meetings, Hays, Kansas.
- Brant, J. G., & R. C. Dowler. 2001. The mammals of San Angelo State Park. Texas Society of Mammalogists Meetings, Junction, Texas.
- Brant, J. G. 2000. A survey of the mammalian fauna of San Angelo State Park with an analysis of the relative abundance of small mammal species. Carr Student Research Scholar Symposium, Angelo State University, San Angelo, Texas.

- Brant, J. G., & R. C. Dowler. 2000. The relative abundance of small rodents at Devils River State Natural Area, Val Verde County, Texas. The Southwestern Association of Naturalists annual meetings, Denton, Texas.
- Brant, J. G., & R. C. Dowler. 2000. A survey of the mammalian fauna of Devils River State Natural Area, Val Verde County, Texas. Texas Chapter of the Wildlife Society, San Angelo, Texas.
- Brant, J. G., & R. C. Dowler. 2000. A survey of the mammalian fauna of Devils River State Natural Area, Val Verde County, Texas. Texas Society of Mammalogists Meetings, Junction, Texas.

PRESENTATIONS TO THE GENERAL PUBLIC:

- Brant, J. G. 2024. Wildlife of the Big Country. National Center for Children's Illustrated Literature, Family Fun Science Saturday.
- Brant, J. G. 2023. Live Bat Experience. Children's Art & Literacy Festival.
- Brant, J. G. 2023. The Natural History of the Rolling Plains of Texas. Kiwanis Club, Abilene, Texas.
- Brant, J. G. 2020. Bats & Bat Boxes. Girl Scout Troop, 1st United Methodist Church, Abilene, Texas.
- Brant, J. G. 2019. How important are Voucher Specimens to Natural History? Kiwanis Club, Abilene, Texas.
- Brant, J. G., & D. N. Lee. 2018. The Country Bat and the City Bat. Urban Wildlife Workshop, Big Country chapter of the Texas Master Naturalists.
- Brant, J. G. 2018. Birds of Texas. Training Session, Big Country chapter of the Texas Master Naturalists.
- Brant, J. G. 2018-2022. Historical Naturalists. Training Session, Big Country chapter of the Texas Master Naturalists.
- Brant, J. G. 2016-2022. Mammals of Texas. Training Session, Big Country chapter of the Texas Master Naturalists.
- Brant, J. G. 2016-2021. Ecoconcepts & Ecoregions. Training Session, Big Country chapter of the Texas Master Naturalists.
- Brant, J. G. 2006. What is an animal? Tisinger Elementary, 4th grade classes, Mesquite, Texas.
- Brant, J. G. 1999. General characteristics and ecology of bats. McGill Elementary, Bowie Elementary, Santa Rita Elementary, and Glenmore Elementary, 1st – 4th grade classes, San Angelo, Texas.

MASS MEDIA INTERVIEWS/APPEARANCES:

- Beginning 4 June 2018. Co-host of "The Professors Radio Show."
- 31 May 2018. Guest on "The Professors Podcast." Topic: Wildlife, humans, & DNA.
- 14 May 2018. Guest on "The Professors Radio Show." Topic: DNA testing & the Golden State Killer.
- 2 August 2016. Guest on "The Professors Radio Show." Topic: Biological basis for gender determination.
- 8 July 2016. Guest on "The Professors Radio Show." Topic: Genetics, homosexuality, & gender.
- 15 October 2014. TV Interview on KTAB News. Topic: Agricultural value of bats in Texas.

- 18 August 2014. Guest on “The Professors Radio Show.” Topic: West African *Ebola* outbreak.
- 29 June 2010. Guest on “The Professors Radio Show.” Topic: Ecological Impact of the 2010 Gulf Oil Spill.
- 9 June 2010. Guest on “The Professors Radio Show.” Topic: The Synthetic Cell.
- 10 March 2009. Guest on “The Professors Radio Show.” Topic: Endangered Species Act.
- 9 March 2009. Guest on “The Professors Radio Show.” Topic: Mammalian Biogeography.
- 2 October 2008. Interviewed by the Abilene Reporter News. Article Title: Local professors back evolution curriculum (by Brian Bethel).
- 18 June 2008. Guest host of “The Professors Radio Show.” Topic: Science & Math Education (with Wayne Keith, Ph.D.).
- 17 June 2008. Guest host of “The Professors Radio Show.” Topic: Exploring the Planet Mars (with Wayne Keith, Ph.D.).
- 9 November 2007. Guest on “The Professors Radio Show.” Topic: Science & Math Education.
- 8 January 2007. Guest on “The Professors Radio Show.” Topic: Global Climate Change.
- 30 June 2006. Guest on “The Professors Radio Show.” Topic: Biodiversity Crisis.