

**Margaret (Marcy) Brown Marsden, Ph.D.**  
**Executive CV**

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**PROFESSIONAL AND ACADEMIC APPOINTMENTS**

- 2023- present      Interim Provost and Vice President of Academic Affairs; Midwestern State University, Wichita Falls, TX
- 2015- 2022      Dean, McCoy College of Science, Mathematics and Engineering; Professor of Biology (2020-present); Associate Professor of Biology (2015-2020), Midwestern State University, Wichita Falls, TX
- 1997 – 2015      Interim Dean of Constantin College of Liberal Arts and Sciences (2014-2015); Associate Dean of Constantin College of Liberal Arts and Sciences (2012-2014); Chair of the Biology Department (2005-2013); Associate Professor of Biology (2003 – 2015); Assistant Professor of Biology (1997-2003); Visiting Instructor of Comparative Anatomy and Animal Behavior (1996), University of Dallas, Irving TX
- 1991 – 1995      Course Coordinator for Graduate Ecology program (1994-1995); Teaching Assistant for Department of Biological Sciences (1991-1994), Purdue University, West Lafayette, IN

**EDUCATION**

- 2021      Certificate in Diversity and Inclusion, Cornell University, Ithaca, NY.
- MBA 2017      Texas A&M Commerce, Commerce, TX.  
Thesis: “Strategic Audit of Baylor University,” Inducted in Beta Gamma Sigma.
- Ph.D. 1997      Department of Biological Sciences, Purdue University, West Lafayette, IN  
Dissertation: “Breeding success of Western Gulls (*Larus occidentalis*) on Alcatraz Island: the effects of experience, sex and condition”
- B.S. 1991      Biology, University of Dallas, Irving, TX

## LEADERSHIP ACCOMPLISHMENTS AND EXPERIENCE

### *Enrollment, retention, and programs*

- Leadership, Hanover Research Implementation Team (2022-present), working with Hanover's data-driven academic decisionmaking project to review, revise, and add academic programs to grow campus enrollment
- Senior Sponsor, NISS Initiative (2022-present), leading MSU's work with the National Institute of Student Success to implement a NISS-developed playbook to increase student success through advising, course planning, degree mapping, and communication
- Strategic Enrollment Task Force (2021-2022), member of task force Steering Committee and co-chair of Retention Committee, tasked with developing recommendations for retention initiatives
- Member, Texas Tech University System working group on partnerships with NASA Human Research Programs (2021-2022)
- Member, Midwestern State University Reopening Taskforce (April 2020-May 2021); co-chaired the Academic Subcommittee and chair of Planning Integration subcommittee
- Member, Strategic Enrollment Planning Committee, (2018-2019)
- Member, University Marketing, Image and Identity subcommittee of Strategic Enrollment Planning Committee (2018-2019)
- Member, Academic Programs and Services subcommittee of Strategic Enrollment Planning Committee (2018-2019)
- MSU Team Member, Texas Higher Education Board Marketable Skills Conference (April 2018)
- Teacher Education Committee for West College of Education (2015-present)
- First-year Seminar Task Force, Midwestern State University, assisting in the development of a first-year seminar for Fall 2017 (2016-2018)
- Dalquest Desert Research Station Advisory Committee, overseeing research and management activities at DDRS (2015-present)
- Developed and implemented new Handbooks for advisors (2012-2015) and department chairs (2014-2015) to aid in better training and management of advising and departmental processes
- Developed and implemented a partnership with Texas Woman's University for a 3-2 Dual Degree Program to provide a BA in Biology at the University of Dallas and a BSN in Nursing from TWU, serving as primary advisor for dual degree students and growing the program to 37 students in 2014 (2012-2015)
- Core Curriculum Review Committee (2005-2006)
- Assisted in drafting proposal for Howard Hughes Medical Institute to enhance science education and research at the University of Dallas (2010-2011)
- Assisted in the development of a concentration in History and Philosophy of Science for undergraduates at the University of Dallas (2010)
- Chaired the Biology Department for eight years, growing the department from 81 majors in 2006 to 158 in 2013 (2005-2013).
- Office of Academic and Career Development Committee (2001-2002); Retention Committee (2012-2015); and QEP Council (2014-2015)
- Created and taught a Field Ecology in Costa Rica course for the Biology Department (2008-2011)
- Constantin Curriculum Committee (2000-2002; 2009-2011; 2012-2015)
- Successfully developed a concentration in Environmental Science for undergraduates at the

University of Dallas (1999)

- Committee on Counseling for Post-Graduate Studies; Advisor for Goldwater, National Science Foundation, and Udall Scholarships (1998-2013)

#### *Fundraising and budget*

- Financial Sustainability Taskforce (January-July 2023), with goal of developing a sustainable and sound FY2024 budget plan that aligns expenditure levels within generated revenues while maximizing available resources to promote strategic flexibility
- Drafted a successful proposal for a \$2.4 million legislative appropriation request/special item funded by the Texas legislature in 2023 to create a Center for STEM Excellence at MSU and fund new program development
- Helped draft a successful proposal for a \$44.9 million tuition revenue bond funded by the Texas legislature in 2021 to support remodel and expansion of Bolin Science Hall
- Budget Oversight Committee, Midwestern State University, for FY17, 18, 19, 20, 21, 22, 23.
- Naming gift for the McCoy College of Science, Mathematics, and Engineering, \$5,000,000 (2018)
- Cultivated donor gift for \$410,000 for engineering to build a peer mentor program (2017)
- Cultivated donor gift for \$170,000 to purchase a new scanning electron microscope for use by biology, geosciences, and engineering
- Cultivated donor gift for \$40,000 for solar power array upgrades at Dalquest Desert Research Station
- Cultivated several donor proposals totaling \$100,000 in scholarship funding from Pratt & Whitney, Howmet Aerospace, and private donors
- Awarded a National Science Foundation Robert Noyce Teacher Scholarship grant for the project “The STEM teacher pipeline: building capacity through intra-university cooperation and external partnerships with high schools and 2-year colleges”, Co-PI Dr. Matthew Capps, West College of Education, Midwestern State University; \$123,927 (NSF Proposal Number 1660612)
- Research grant from University of Dallas Haggard Foundation (2006, \$1,000) for the development of the Pulich Archive in Ornithology.
- Research grant from U.S. Fish and Wildlife Foundation/Partners for Fish and Wildlife Program (\$5,000), for the construction of a monitoring program for Black-capped Vireo at Cedar Ridge Preserve (2005)
- Research grant from Meadows Foundation (\$31,000) in collaboration with Audubon Texas/Audubon Dallas (2003)
- Named the University of Dallas Marcus Chair in Science/Mathematics (\$62,000 research/teaching award for two years as chair)(2002)
- Summer research award from the Dr. Robert Smith M. D. Foundation (\$3500; 2000)
- Research grant from National Fish and Wildlife Foundation (\$23,973) in collaboration with Audubon Dallas, for the restoration of Black-capped Vireo habitat at Cedar Ridge Preserve (2005-2007)
- Sabbatical leave from the University of Dallas (Spring 2005)
- Research grant from Harry W. Bass Jr. Foundation (\$20,000) in collaboration with Audubon Dallas, for the restoration of Black-capped Vireo habitat at Cedar Ridge Preserve and Dogwood Canyon Audubon Center (2004-2007)
- Received the Charles H. Callison Award from the National Audubon Society for achievements in the cause of conservation nationwide (2004)

- Award from the Dr. Robert Smith M.D. Foundation, to be applied toward the development of Ecological Techniques course (2002)
- Award from the Dr. Robert Smith M.D. Foundation, to be applied toward the purchase of equipment needed for the development of Ecological Techniques course (2002)

#### *Accreditation and assessment*

- Oversight for MSU's preparation for the focused report and site visit during the SACSCOC accreditation reaffirmation visit in March 2023
- Coordinated MSU's mechanical engineering program accreditation for ABET, to include correcting deficiencies, weaknesses, and concerns from MSU's 2014 ABET site visit, developing a plan for MSU's 2020 ABET site visit, and engaging in a 14-month drafting process for the 2020 ABET self-study
- ABET Symposium (14 professional development hours), Dallas, TX 2019
- ABET Self-Study Development Workshop (7 professional development hours), Dallas, TX (2019)
- Development and oversight of General Education learning outcomes assessment for Constantin College (2014-2015)
- Chair of the QEP Development Committee, which successfully created the QEP "Discern, Experience, Achieve: Preparing for Life and Work in a Changing World," to better prepare liberal arts students for successful transition to graduate school, professional school and career (2013-2014)
- Prepared for and -guided the University of Dallas successfully through an Environmental Compliance Peer Audit for compliance with EPA, TCEQ, and local environmental regulations; worked with the university to prepare as sustainable long-term Environmental Management System (2012-2015). Effectively reduced the number of potential noncompliance issues at the time of audit.
- Participant in SACSCOC workshops "Developing an Assessment Culture: Strategic Approaches to Faculty Development in Assessment" and "Using Holistic Scoring Rubrics to Assess General Education Learning Outcomes", Nashville, TN (2014)
- Trained as a Texas Environmental Peer Auditor (2011) and served as a peer auditor for the audits at Grayson College and Dallas Baptist University; trained and certified for RCRA hazardous waste management and DOT hazardous materials transport (2013)

#### *Diversity, Equity, and Inclusion*

- Diversity Chair for Executive Council, Northwest Texas Council, Scouts BSA and council representative to Territory 8 DEI Committee session (August 2022-present)
- Brown Marsden, M. (2019). What fueled me to be first? Stories from MSU's First-Generation Faculty and Administrators, MSU Faculty Forum, Wichita Falls, TX. (symposium organizer, presenter and moderator).
- Certificate in Diversity and Inclusion, Cornell University, Ithaca, NY (2021)
- Presenter, Women in STEM forum, hosted by MSU American Chemical Society (2019)
- Women's History Month presenter (2019, 2021)
- Investigator, Title IX investigation (February-May 2018)
- ADA Website Accessibility Training (April 2018)
- Participant, 89th annual American Council on Education National Women's Leadership Forum, Washington, DC (2017)
- Certification, Campus Security Authority (General), D. Stafford & Associates, (2017, 2022)

- Title IX training, Investigation of Sexual Misconduct, D. Stafford & Associates (2017, 2022)
- Invited speaker, Auditory Implant Initiative program honoring Lance Allred, first deaf NBA player in history, Wichita Falls Country Club (December 2016)
- Interim Student Disabilities Coordinator (Fall 2014) and member of the Student Disabilities Committee (2012-2015)
- Member of the Commission on Fairness, Equity and Respect, addressing gender equity in hiring, compensation and retention at the University of Dallas (2014-2015)
- Committee on Alcohol and Sexual Violence, working to create policies for addressing campus sexual violence prevention and implementing revised judicial processes (2013-2014)
- Co-Director, Alternative Spring Break Program, working to prepare and guide students for mission trips to work with the children and families of Duran, Ecuador and patients at a Hansen's disease hospital in Guayaquil, Ecuador (1997-2003)

#### *Search committees*

- Member, Vice President for Administration and Finance search committee (2018-2019)
- Chair, Dean search committee for Gunn College of Health Sciences and Human Services (2017-18)
- Member, Midwestern State University Provost Search Committee (February-April 2017)
- Chaired Dean search committee for the University of Dallas College of Business (2011-2012)
- Member, Provost Search Committee, University of Dallas (2007-2008)

#### *Due process and governance*

- Oversight of policy development for Academic Affairs, to include policies for SACSCOC, distance education, Office of Sponsored Programs and Research (2023-present)
- Member, Due Process Hearing Committee (April 2020)
- Member, Faculty Workload Taskforce (2019-2020)
- Faculty Development Committee (2003-2004)
- Faculty Loads Committee (2000-2001)
- Faculty Senate (2004-2006); Secretary of the Faculty Senate (2005-2006)
- Committee on Student Life (2000-2001; 2004-2005)

#### *Special projects*

- Member, Midwestern State University Centennial Steering Committee (2021-present)
- Strategic Planning Committee junior capstone course and SWOT analysis (2003-2006)
- Academic Forum "Response to Darwinism by theology and science". Co-presented with John Norris, Theology (2000)

## **PUBLICATIONS AND PRESENTATIONS**

#### *Books/monographs*

- Brown Marsden, M. E. (2023) Understanding Policy in Higher Education to Manage Risk and Achieve Equity. In Resource Handbook for Academic Deans, Vol. 4. A. Adams, editor. Baltimore, MD, Johns Hopkins University Press
- Brown, M. E. (1997) Assessing Body Condition. Pp. 67 – 135 In: Current Ornithology. Nolan, V. Jr. and Ketterson, E. G., Editors. New York, Plenum.
- Brown, Margaret E., Ph. D., Purdue University, August 1997. (dissertation) Breeding success of Western Gulls (*Larus occidentalis*) on Alcatraz Island: the effects of experience, sex and condition.

### *Select refereed journals*

- Brown Marsden, M. (2020) Geographical distribution and seasonal variation of *Hexalectris* (Orchidaceae) in Texas: Implications for rarity and conservation. *Southwestern Naturalist* 62: 81- 88, <https://doi.org/10.1894/0038-4909-64-2-81>
- Brown Marsden, M. (2019) Conducting an Investigation: Advice to Deans. *ACAD Leader* <https://acad.org/resource/conducting-an-investigation-advice-to-deans/>
- Brown-Marsden, M. and M. Ogilvie (2007) Teaching evolution at a Catholic university: the influence of *Ex Corde Ecclesiae*, *Forum on Public Policy* 4(1): 9-14.
- Brown-Marsden, M. and A. Collins (2006) Range expansion of *Hexalectris grandiflora* A. Richard & Galeotti (Orchidaceae) in Texas. *Sida.* 22: 1239-1244.
- Collins, A., J. Varnum, and M. Brown-Marsden. (2005) Soil and ecological features of *Hexalectris* (Orchidaceae) sites. *Sida.* 21: 1879-1891.

### *Recent academic presentations*

- Brown Marsden, M. (2022). Working with academic leadership. ACAD 78th annual meeting, St. Petersburg, FL.
- Brown Marsden, M. (2020). Birds in art. Wichita Falls Museum of Art, lecture in support of the Birds in Art Exhibition organized by the Leigh Yawkey Woodson Art Museum of Wausau, Wisconsin.
- Brown Marsden, M. and D. Slavens (2019) A Corequisite Course Model for Developmental Mathematics , SACSCOC Annual Meeting, Houston, TX.
- Brown Marsden, M. (2018). On the trail of Texas orchids: finding and tracking the unique and colorful. Presentation for the Texas Discovery Gardens Native Plants Symposium (invited speaker)
- Brown Marsden, M. (2017) Seasonal variation, soil associations, and geographical distribution in *Hexalectris* orchids. Botanical Society of America meeting/Botany 2017, Botanical Research Institute of Texas, Fort Worth, TX.
- Brown Marsden, M. (2017) Birds in art: uniting science, history and beauty. Wichita Falls Museum of Art, lecture in support of the Birds in Art Exhibition organized by the Leigh Yawkey Woodson Art Museum of Wausau, Wisconsin.
- Treco, K. and M. Brown Marsden (2017) Designing a community park for Wichita Falls: psychological, biological and economic considerations. MSU Celebration of Scholarship and Wichita Falls Parks and Recreation Board meeting.
- Brown Marsden, M. (2017) Geographical distribution and seasonal variation in *Hexalectris* (Orchidaceae): implications for conservation and rarity. Southwestern Association of Naturalists annual meeting, Cameron University, Lawton, OK.
- Gonzalez-Peltier, G., A. Matthew, and M. Brown Marsden (2017) Identification and quantification of chlorophyll in the mycoheterotrophic orchid genus *Hexalectris*. Southwestern Association of Naturalists annual meeting, Cameron University, Lawton, OK.
- Rincon-Zachary, M. and M. Brown Marsden (2016). Implementing undergraduate research in a liberal arts institution as its QEP. SACSCOC Annual Meeting, Atlanta, GA.
- Brown Marsden, M. (2016) Art, history and biology converge: Identification of birds depicted on a restored silverwork by Carl Otto Czeschka, Dallas Museum of Art Decorative Arts Collection. Midwestern State University Celebration of Scholarship, Wichita Falls, TX
- Brown Marsden, M, M Camacho, P. Garcia-Fuentes, J. McIntyre, J. Johnston, and L. Veazey (2016) Helping make a eureka moment possible: promoting student learning in the liberal arts environment by enhancing undergraduate research and creative activities (EURECA).

COPLAC Annual Meeting, Southern Utah University.

- Janik, J., M. Brown Marsden, and A. Ramirez (2015) Tale of two QEPs: implementing, assessing, and reporting career-focused QEPS at distinct institutions. SACSCOC Annual Meeting, Houston, TX.
- Brown Marsden, M. and C.W. Eaker (2015) Liberal arts core assessment that motivates faculty to engage with CS 3.5.1. SACSCOC Annual Meeting, Houston, TX
- Brown-Marsden, M. and M. Ogilvie (2007) Teaching evolution at a Catholic university: the influence of *Ex Corde Ecclesiae* oral presentation at Oxford Round Table, Oxford University, UK.

#### *Thesis committees*

- Member, MS committee, Jeanel Georges “Interspecific competition between *Anolis oculatus* and *Anolis cristatellus*: Impact of an invasive on an island endemic”
- Member, MS committee, Dana Winters “Scissor-tailed Flycatcher *Tyrannus forficatus* parental behavior in response to predator presentations” (thesis defense April 2016)

#### *Applied research*

- External review of the Parmer School of Sciences, St. Mary’s University of Minnesota (August-December 2021)
- Conducted a study of the faunal diversity depicted on the Wittgenstein Vitrine (designed by Carl Otto Czeschka and executed by the Wiener Werkstätte for the 1908 Kunstschau) with the survey currently on display for the exhibit Modern Opulence in Vienna: The Wittgenstein Vitrine at the Dallas Museum of Art (2013-2014)
- Concept Plan Development for Wichita Falls Parks and Recreation initiative for a nature playground (2018)
- Concept Plan Development for Wichita Falls Parks and Recreation initiative to design a community park for Wichita Falls on the Circle Trail, in collaboration with MSU student Kadesha Treco (2017).
- Consultant and Advisor, Bird Exhibit and Life Hall Exhibit, Perot Museum of Natural Science. Dallas, TX (2011-2013).
- Consultant, MESA Design Group, providing consulting services for architectural work on Erwin Park redesign (McKinney, TX), Doubletree Ranch/Highland Village, and Bob Jones Nature Center (2007-2013).
- Consultant, Dogwood Canyon Audubon Center, providing consulting services for the design, scientific research and programming for the center (2009-2011).
- Research Partner for Leaves and Lizards reforestation project, Monterrey/La Fortuna, Costa Rica (2008-2011)
- Consultant for Weckerling Scientific Laboratory, Dallas, TX (1998-2003), assisting with forensic analysis of food quality and adulteration.

## **COURSES TAUGHT**

*Courses taught at Northwestern State University*  
Introduction to Human Biology (2017-2021,  
including dual credit sections)

\*Introduction to Global Biology (2018-2022)

Ornithology (undergraduate/graduate, 2016)

Introduction to Biology (2016)

Seminar in Biology (undergraduate, 2017-  
2019; 2020, 2021)

Writing in Biological Sciences (graduate,  
2017, 2022)

\*Honors Seminar: Darwin (2019)

Honors Creative Inquiry: Interdisciplinary

Thinking (first-year honors course 2019-2021)

*Courses taught at University of Dallas*

General Biology I/Lab (1997-2015)

General Biology II/Lab (1997-2015)

\*Environmental Science (2000-2014)

Vertebrate Anatomy (1997-2005)

Ecology (2000-2015)

\*Ornithology (2007-2015)

\*Biostatistics (2000-2013)

\*Animal Behavior (2000-2015)

\*Evolutionary Biology (2001-2009)

\*Darwin (2000-2013)

\*Field Ecology/Costa Rica (2008-2011)

\*indicates course developed and taught

## PROFESSIONAL SERVICE

### *Board memberships and leadership positions*

- Boardmember, American Conference of Academic Deans (ACAD Class of 2022) and mentor to the ACAD Fellows program (2020-2021 cohort)
- Chair, Biology Field of Study Advisory Committee Texas Higher Education Coordinating Board, appointed to a term from January 2018-January 2021
- Session chair, Session 11: Contributed Papers, Ecology Section, Population Biology, Botanical Society of America annual conference, Fort Worth, TX (2017)
- Chair (2009-2011) and member of the National Science Foundation Graduate Research Fellowships Review Panel (Ecology Panel) in Washington, D.C. (2004-2011; 2016-2022)
- Selected as a member of The Climate Project, Nashville, TN (2007-2014), an initiative by Vice President Al Gore to present climate data and to help influence decision-making regarding environmental policy at a local level
- Panelist, Department of Homeland Security Scholarships and Fellowships Review Panel, Washington D.C. (2007)
- Panelist, Oxford Round Table “Religion and Public Policy” Forum, Oxford University (2007) Consultations
- Chair (2007-2008) and member (2003-2008) of the State of Texas Scientific Committee for Important Bird Areas
- Member, Texas Parks and Wildlife Avifauna Working Group for the development of the state’s Comprehensive Wildlife Conservation Strategy (2005-2007)
- Reviewer, *Ardea*, Journal of the Netherlands Ornithological Society (1997-2003)
- Reviewer, *Animal Behaviour*, Journal of the Animal Behaviour Society and the Association for the Study of Animal Behavior (1997-2005)
- Co-chair, Terrestrial Ecology Section, Texas Academy of Sciences (1998-1999)

### *Conferences and workshops*

- Moderator and presenter “Prompt but not Hurried: Crisis Communication and Emergency Management”, presented to the ACAD Fellows (April 2020)
- American Conference of Academic Deans 8th annual Dean’ Institute, Washington, D.C. (January 2020)
- Association of American Colleges and Universities annual meeting, Washington, D.C. (January 2020)
- American Conference of Academic Deans 8th annual Dean’ Institute, Atlanta, Georgia (January 2019)
- Association of American Colleges and Universities annual meeting, Atlanta, Georgia

(January 2019)

- American Conference of Academic Deans annual Deans' Institute, Washington, DC. (2018)
- American Association of Colleges and Universities "Can Higher Education Recapture the Elusive American Dream?" (2018)
- SACSCOC 2018 Annual meeting in New Orleans, Louisiana (December 2018)
- Independent Colleges and Universities of Texas and HRP Associates Environmental Management Systems Roll Up Your Sleeves Workshop, Dallas Baptist University, Dallas TX (October 2018).
- Certification, Kevin Mitnick Security Awareness Training/KnowBe4 (2016-2022)
- SACSCOC 2017 Annual meeting in Dallas, TX (December 2017)
- Certification, National Institutes of Health (NIH) Office of Extramural Research course "Protecting Human Research Participants (2017)
- Learning Communities Workshop, Midwestern State University (2016)
- National Science Foundation Workshop "Environmental Science Education: Pedagogy, Curricula, Funding", Ouachita Baptist University (2003)
- Association for Core Texts and Courses conference "Bridging the Gap Between Humanities and Sciences: An Exemplary Education Model of Core Text, Humanistic Education", St. John's College, Annapolis, Maryland (2003)

## **COMMUNITY SERVICE**

### *Board memberships*

- Boardmember, Northwest Texas Council, Scouts BSA (2021-present)
- Member, organizing committee for Region 9 Science Fair, (2021-2023)
- Parents Auxiliary Board, School for Little People (President 2019-2020; 2nd Vice President 2018- 2019)
- Member (2016-2021), Vice-chair (2017-2019) and Chair (2019-2021), City of Wichita Falls Parks and Recreation Board, (2016-present)
- Member (2009-2015) and Chair (2009-2012) of the City of Irving Tree Board
- Member (2005-2012) and Chair (2010-2012), City of Irving Parks and Recreation Board Member, Bike Lane Task Force, City of Irving (2008-2015)
- Appointee, Mayor's Green Advisory Committee, City of Irving, TX (2008-2012)
- Member, Board of Directors, Blue Skies Alliance (2003-2007)
- Member, Board of Directors, Friends of Emerald Lake (2005-2007)
- Director, Cedar Ridge Preserve Management Committee (2003-2006)
- President, Audubon Dallas (2003-2004)
- Vice President for Conservation, Executive Board, Audubon Dallas (2002-2003)

### *Community presentations and workshops*

- Presenter,, "Backyard Birdwatching", River Bend Nature Center Sip 'n Science Workshop (May 2023)
- Presenter, "Ornithology, bird watching and conservation," Rolling Plains Master Naturalist Training, (March 2018, 2019, 2020, 2021, 2022, 2023)
- Welcome and awards presentation, TCEA Area 9 Robotics Competition (2019-2022)
- Presenter, McCoy School of Engineering Industrial Advisory Board (2016-2022)
- Brown Marsden, M. (2020). Birds in art: history, science, symbol. Midwestern State

University Lifelong Learning Center.

- Special presentation on Science and Math teacher certification, Discover MSU (2018)
- Keynote speaker, joint induction ceremony for Beta Beta Beta Biological Honor Society and Gamma Sigma Epsilon Chemistry Honor Society (April 2016)
- Presenter, “Birds of Wichita Falls” for Cunningham Elementary School Career Day (March 2019)
- Presenter and welcome, NWTC MSU Merit Badge College for Boy Scouts of America (2019; 2021-2022); Presenter for Bird Study Merit Badge
- Presenter, Birds of Wichita Falls, Camp Fire North Texas After School Program (November 2017)
- Workshop presenter “Preparation of birds for museum display”, River Bend Nature Center (November 2017)
- Panelist, Christ Academy panel on preparing for College (November 2017)
- Organizing Committee, Texoma Mini Maker Faire (August-October 2017)
- Workshop presenter, “Walking with dinosaurs: footprints in stone” Texoma Regional Math and Science Conference, Region 9 Service Center (June 2017).
- Workshop presenter, MS&U Girls Conference “Walking With Dinosaurs: Footprints in Stone” (November 2016)
- Workshop presenter, “Birds as ambassadors for science” Texoma Regional Math and Science Conference, Region 9 Service Center (June 2016).

#### *Service activities*

- Member, First United Methodist Church of Wichita Falls; volunteer for Music & More children’s ministry.
- Den Leader (Lions, Tigers), Pack 111, Northwest Texas Council, Boy Scouts of America
- Judge, Graham ISD Science Fair (December 2019)
- Presenter, Welcome Address, annual North Texas Area Student Conference (2016-2021)
- Presenter, WFISD CEC College and Career Fair (2019)
- Volunteer, Donate Life campaign for organ donation and annual flag-raising (2017-2021)
- Judge, Hackathon hosted by Dexter Learning and Big Blue (April 2018)
- Parent Volunteer, School for Little People Anniversary Celebration (April 2018)
- Host for Wichita Falls visit by Dr. Scott Sampson, paleontologist and science communicator, with book signing and outreach at River Bend Nature Center and two on-campus talks “Dinosaurs of the Lost Continent” and “How to Raise a Wild Child” (April 2018)
- United Regional Hospital Behind the Scenes Night for Midwestern State University (March 2018)
- Presenter, “Ornithology, bird watching and conservation”, Rolling Plains Master Naturalist Training, (March 2017)
- Judge, Division, Dallas Morning News-Toyota Regional Science Fair, Dallas, TX (1999 to 2015)

#### **AWARDS AND HONORS**

- Inducted into Delta Kappa Gamma Society International Society for Key Women Educators (2018)
- Inducted into Beta Gamma Sigma International Business Honor Society (2017)
- Golden Oak Award for long-term service to the City of Irving Parks and Recreation Department for ongoing work on ecotourism, the Irving Tree Board, and other parks and

recreation projects (2012)

- Lone Star Programming Award for the BioBlitz Program, City of Irving (awarded in cooperation with Irving Parks and Recreation Department, 2009)
- Chairman's Award, Irving Parks and Recreation Department, for steering the Ecotourism Program for the City of Irving (2008)
- Haggar University Fellow award for Outstanding Teaching, Research, and Service (2002)
- Haggar Presidential Award for Excellence in Teaching, University of Dallas (1998)