



GLENN PERRIGO, Ph.D.

Personal

Office : 101B Biology Building (Chair's Office) and 117 (Office and Laboratory), MSC 158,
Texas A&M University, Kingsville, TX 78363.

Telephone (361) 593-4170 FAX: 361-593-3800 E-MAIL: glenn-perrigo@tamuk.edu

Residence: 1256 E. County Road 2302, Riviera, TX 78379 Telephone (361) 297- 5533

Education

Ph.D. in Zoology, 1986, Institute of Reproductive Biology, Univ. of Texas at Austin

B.S. in Biology, 1980, State University of New York at Brockport

Academic and Research Positions Held

- 2013 - present Professor and Interim Chair, Department of Biological and Health Sciences,
Texas A&M University-Kingsville
- 2010 - 2013 Professor and Assistant Chair, Department of Biological and Health Sciences,
Texas A&M University-Kingsville
- 2011 - present Interim Director of Site 55 Biological Research Station
- 2012 - 2013 Graduate Coordinator
- 2006-2010 Professor and Chair, Department of Biological and Health Sciences, Texas
A&M University-Kingsville
- 2003-2006 Associate Professor and Chair, Department of Biology, Texas A&M
University-Kingsville
- 2000-2006 Associate Professor, Department of Biology, Texas A&M University-
Kingsville
- 1996-2000: Assistant Professor, Department of Biology, Texas A&M University-
Kingsville.
- 1995-1996: Visiting Assistant Professor, Biology Department, Westminster
College
- 1989-1996: Research Assistant Professor of Biological Sciences, University of
Missouri-Columbia (non-tenure track)
- 1986-89: Postdoctoral Fellow, University of Missouri-Columbia
- 1985-86: Assistant Instructor in Zoology, University of Texas at Austin
- 1984-85: Graduate Fellow in Zoology, University of Texas at Austin
- 1982-83: Teaching Assistant in Zoology, University of Texas at Austin
- 1980-84: Graduate Research Assistant in Zoology, University of Texas at Austin
- 1980: Laboratory Technician in Endocrinology, S.U.N.Y. Brockport
- 1980: Adult Education Teacher, Ornithology, Greece Central School District, NY
- 1978-80: Undergrad. Teaching Assistant (Organic & Biochemistry), S.U.N.Y.
Brockport.

COURSES TAUGHT

Texas A&M University-Kingsville (1996-2014)

- Human Anatomy & Physiology I (30 semesters)
- Human Anatomy & Physiology II (21 semesters)
- Introductory Zoology (10 semesters)
- Animal Physiology lecture and laboratory (7 semesters)
- Vertebrate Zoology lecture and laboratory (1 semester)
- Amazon Biology (1 semester)
- Undergraduate Seminar (1 semester)
- Behavioral Ecology — Undergraduate and Graduate level (3 semesters)
- Advanced Biological Concepts — Graduate level (1 semester)
- Ornithology lecture and laboratory — Undergraduate and Graduate level (13 semesters)
- Hormones and Behavior — Graduate level (1 semester)
- Research Projects in Biology (22 semesters)

Westminster College (1995-96)

- General Biology Laboratory (2 semesters)

University of Missouri-Columbia (1990-96)

- General Biology: Physiology & Organismal Biology (5 semesters)
- General Biology: Ecology, Evolution & Behavior (2 semesters)
- General Biology: Cellular & Molecular Biology (1 semester)
- General Biology for non-majors (2 semesters)
- General Zoology Lecture (1 semester)
- Neotropical Biology: Journey to the Amazon (5 semesters)
- Vertebrate Physiology Lecture & Laboratory (4 semesters)

University of Texas at Austin (1982-86)

- Vertebrate Physiology Laboratory (3 semesters)
- General Zoology Laboratory (1 semester)
- General Botany Laboratory (1 semester)
- Mammalian/Human Anatomy Laboratory (2 semesters)

Greece Central School District (1980)

- Ornithology and Field Identification (Adult Education), Greece Central School District, N.Y. (1 semester)

Technical Reports

Dale, Jon and **G. Perrigo** (2009). Assessment of Bat Activity at Phase II of the Pe–ascal Wind Farm Project Site, Kenedy County, Texas. Submitted to Texas Environmental Studies and Analysis.

Dale, Jon and **G. Perrigo** (2008). Avian Study Assessment for the Proposed Phase II Area of the Penascal Wind Farm Project, Kenedy County, Texas. Submitted to Texas Environmental Studies and Analysis.

G. Perrigo (2008). Summary of systematic Point Count Data from the proposed Pe–ascal Wind Farm from December of 2005 through November of 2007. Submitted to Baker-Botts, L.L.P.

Sinclair, J., **G. Perrigo** and M. Land (2005). Avian Risk Assessment for the Peñascal Wind Farm Project. Submitted to American Shoreline and Heartland Energy.

G. Perrigo (2005). Analysis of systematic avian point-count data in the Kenedy Trust wind resource area from September 2004 through August 2005. Submitted to American Shoreline and Heartland Energy.

PUBLICATIONS

Perrigo, G. (2004). Birds of the Baffin Bay area of Kleberg County. *Texas Birds*, **5(1)**: 34-39.

Perrigo, G. (2004). Epilogue to an epidemic: What really happened with West Nile Virus? *Texas Birds*, **5(1)**: 17-19.

Small, M., C. Pruett, D. Hewitt, E. Hellgren, **G. Perrigo** and G. Waggerman (1998). Brain and plasma cholinesterase activity in white-winged doves (*Zenaida asiatica*) exposed to methylparathion. *Journal of Wildlife Diseases*, **34**: 698-702

Perrigo, G. (1996). Mammalian reproductive strategies. In: W. Nierenberg, Ed., *Encyclopedia of Environmental Biology: Volume II*, pp. 443-455. Academic Press, San Diego.

Perrigo, G., and D. Booher (1995). Slaty Vireos (*Vireo brevipennis*) in Central Veracruz and a note on Golden-cheeked Warbler (*Dendroica chrysoparia*) in Chiapas. *The Euphonia*., **3**: 13-17.

Perrigo, G., L. Belvin, P. Quindry, T. Kadir, J. Becker, C. van Look and J. Niewoehner (1993). Genetic mediation of infanticidal and parental behavior in male and female domestic and wild stock house mice. *Behavior Genetics*., **23**: 525-531.

Perrigo, G., L. Belvin, and F.S. vom Saal (1993). Social inhibition of infanticide in male house mice. *Ethology Ecology & Evolution*, **5**: 181-185.

Perrigo, G., and L. Belvin (1992). Time and sex in the male mouse: Temporal regulation of infanticide and parental behavior. *Chronobiology International*, **9** (6): 421-433.

Perrigo, G., L. Belvin, and F.S. vom Saal (1991). Individual variation in the neural timing of infanticide and parental behavior in male house mice. *Physiology and Behavior*, **50**: 287-296.

Perrigo, G. (1990). Food, sex, time and effort in a small mammal: Energy allocation strategies for survival and reproduction. *Behaviour*, **114** (1-4): 191-205.

Perrigo, G., L. Belvin, and F.S. vom Saal (1990). Humane behavioral assays in the laboratory: An alternative test for assessing how rodents behave toward young. *Humane Innovations and Alternatives in Animal Experimentation*, **4**: 208-210.

Perrigo, G., R. Brundage, R.H. Barth, C. Benesh, N. Damude, C. Fogg, and J. Gower (1990). Spring migration corridor of Golden-cheeked Warblers in Tamaulipas, Mexico. *American Birds*, **44**: 28.

Perrigo, G., W.C. Bryant, and F.S. vom Saal (1990). A unique neural timing system prevents male mice from harming their own offspring. *Animal Behaviour*, **39**: 535-539.

Perrigo, G., W.C. Bryant, L. Belvin, and F.S. vom Saal (1989). The use of live pups in a humane, injury-free test for infanticidal behaviour in male mice. *Animal Behaviour*, **38**: 897-899.

Perrigo, G., W.C. Bryant, and F.S. vom Saal (1989). Fetal, hormonal and experiential factors influencing the mating-induced regulation of infanticide in male house mice. *Physiology and Behavior*, **46**: 121-128.

Maruniak, J., J. Taylor, and **G. Perrigo** (1988). Effects of water deprivation on urine marking and aggression in male house mice. *Physiology and Behavior*, **42**: 47-51.

Perrigo, G. (1987). Breeding and feeding strategies in deer mice and house mice when females are challenged to work for their food. *Animal Behaviour*, **35**:1298-1316.

Bronson, F.H. and **G. Perrigo** (1987). Seasonal regulation of reproduction in muroid rodents. *American Zoologist*, **27**: 929-940.

Perrigo, G. and F.H. Bronson (1985). Sex differences in the energy allocation strategies of house mice. *Behavioural Ecology and Sociobiology*, **17**: 297-302.

Perrigo, G. and F.H. Bronson (1985). Behavioral and physiological responses of female house mice to foraging variation. *Physiology and Behavior*, **34**: 437-440.

Perrigo, G. and F.H. Bronson (1983). Foraging effort, food intake, fat deposition, and puberty in female mice. *Biology of Reproduction*, **29**: 455-463.

Perrigo, G. and F.H. Bronson (1982). Signaling and priming communication: Independent roles in the reproductive isolation of spatially-separated populations of rodents. *Behavioural Ecology and Sociobiology*, **10**: 181-184.

Perrigo, G. (1973). Yellow rail (*Coturnicops noveboracensis*) at Brigantine Refuge. *Cassinia*, **53**: 48-49.

Nonrefereed Articles

Perrigo, G. (1996). Reproductive biology of house mice. In: P. Raven and G. Johnson, Understanding Biology, (2nd Edition). Wm. C. Brown/Times-Mirror Publishing, St. Louis.

Perrigo, G. (1972). The midnight singers. *Rochester Academy of Sciences Bulletin*, **26** (7).

Perrigo, G. (1975-1980) Monthly field editorial. *Little Gull*, **1 - 5** (1-12; Aug. 1975 - Aug. 1980)

Refereed Book Chapters

Perrigo, G., and F.S. vom Saal (1994). Behavioral cycles and the neural timing of infanticide and parenting in male mice. In: S. Parmigiani and F.S. vom Saal, Eds., Infanticide and Parental Care, pp. 365-396. Harwood Academic Publishers, London.

Perrigo, G. and F.S. vom Saal (1989). Mating-induced regulation of infanticide in male mice: Fetal programming of a unique stimulus-response. In: R. Blanchard, P. Brain, D. Blanchard, and S. Parmigiani, Eds., Ethoexperimental Approaches to the Study of Behavior, pp. 320-336. Kluwer Academic Publishers, Dordrecht, The Netherlands.

Nonrefereed Book Chapters

Perrigo, G. and F.H. Bronson (1983). Communication disparities between genetically-divergent populations of deer mice. In: R. Silverstein and D. Muller-Schwarze, Eds., Chemical Signals in Vertebrates: III, pp. 195-209. Plenum Publishing, New York.

Books

Perrigo, G., Editor (2002). Wildlife in Focus, Coastal Bend Land Trust, Grunwald Printing, Corpus Christi, Texas. 173 pp.

Ph.D. thesis

Perrigo, G. (1986). Energy Allocation Strategies of House Mice. Ph.D. thesis, The University of Texas at Austin.

Photography Exhibitions

Perrigo, G. (2000) "*Images from the Peruvian Amazon: A Biologists Perspective on the People, Plants, and Animals of a Vast Tropical River and its Forest*", October 14th through November 11th, 2000, Conner Museum, Kingsville, Texas.

Perrigo, G. (2001) "*Naturally Wild South Texas: the Nature Photography of Hugh Lieck and Glenn Perrigo*", October 15th through November 20th, 2001, Conner Museum, Kingsville, Texas.

Editorship

Editor of Texas Birds (2003-2004), published by the Texas Ornithological Society

Consulting Zoology Editor:

Gunn, W. and K. Downs, managing editors (2004) *Wildlife in Focus II*, Coastal Bend Land Trust, Grunwald Printing, Corpus Christi, Texas. 165 pp.

Conference Organizer

“Balancing Wind Power and Wildlife on the Texas Coast”. Sponsored by TAMUK Biology Department and Public Citizen. Venue: Texas A&M University-Kingsville (January 2005)

SYMPOSIA, LECTURES AND PRESENTATIONS

Invited International Symposia:

- 22nd International Ethological Conference: Mating and Reproductive Strategies; invitation via USIEC Young Ethologist Award. "Infanticide in House Mice" Kyoto, Japan (August 1991)
- 20th International Conference on Chronobiology: Symposium on the Comparative Aspects of Circadian Rhythms and Behavioral Ecophysiology of Mammals and Birds. "Time and sex in the male mouse: Temporal regulation of infanticide and parental behavior" Tel Aviv, Israel (June 1991)
- NATO Conference on the Protection and Abuse of Young in Animals and Man: Ettore Majorana Centre for Scientific Culture. "Behavioral cycles and the neural timing of infanticide and parenting in male mice". Erice, Italy (June 1990)
- Psychology Department Colloquium speaker: Dalhousie University. "Food, Sex, and Biological Rhythms". Halifax, Canada (January 1990)
- 21st International Ethological Conference: Behavioral Ecology Symposium. "Food, Sex and Time in a Small Mammal" Utrecht, The Netherlands (August 1989)
- Costs of Reproduction Satellite Conference: Biological Centre, University of Groningen. "Breeding and Feeding Strategies in Deer Mice and House Mice". Groningen, The Netherlands (August 1989)

Invited National Symposia:

- American Society of Zoologists: Symposium on Behavior as a Factor in the Population Dynamics of Rodents. "Seasonal regulation of reproduction in muroid rodents". Baltimore (December 1985)

Invited Regional Symposia:

- Texas College and University Facility Professionals (TCUF) 2013 annual conference, “How to renovate a building while occupied: The owners perspective”. Presented by Glenn Perrigo, Steve Alloway, and Cindy Strubhart.
- Texas Renewable Energy Industry Association 2005 annual conference: Texas Coastal and Offshore Wind Forum. University of Houston (November 2005).
- Balancing windpower and wildlife on the Texas Coast: Texas A&M University-Kingsville. "Research strategies for avian risk assessment at the proposed Peñascal Windfarm". (January 2005).

Invited University Lectures and Seminars:

- "People, Plants and Animals of the Amazon", Texas A&M University-Kingsville. (April 1997)
- Department of Zoology: Weber State University, "Food, Sex and Time in a small Mammal". (February 1996)
- Department of Biology: Georgia Southern University. "Food, Sex and Time in a small Mammal". (April 1995)
- Department of Zoology: University of Oklahoma "Food, Sex and Biological Rhythms in a small Mammal". (March 1995)
- Department of Anatomy and Neurobiology: University of Missouri-Columbia. "A unique neural timing mechanism in male house mice" (November 1993).
- Department of Biology: University of Alabama at Birmingham, "Behavioral cycles and the neural timing of infanticide and parenting in male mice". (August 1992)
- Division of Biological Sciences: University of Kansas, "Intrauterine Position Effects and Sex Differences in House Mice". (April 1991)
- Department of Ecology, Evolution and Behavior: Princeton University. "The Physiology of Infanticide". (April 1990)
- Department of Veterinary Medicine: University of Missouri-Columbia, "Sex differences in Energy Allocation Strategies". (April 1990)

Recent Abstracts and Presentations

- “Avian Risk Assessment and Management at Peñascal Wind Farm”. Presentation to scientists, engineers, and multinational corporation representatives from China and Argentina in Brownsville, Texas, in May of 2010.

- “Best Practices in Avian Risk Assessment and Management“ to scientists, private investors, and engineers from Monterrey Tech and Avisa in Ciudad Victoria, Mexico in March of 2010.
- "Utilizing thermal imagers to monitor nocturnal neotropical migrant activity in the rotor swept area of a wind turbine". Presentation by Jim Sinclair and Glenn Perrigo at International Partners In Flight meeting. McAllen TX (February 2008).
- "Avian risk assessment and other wind farm siting issues in Texas". Presentation at Texas Renewable Energy Industry Association meeting. McAllen TX (June 2006).
- "Coastal offshore wind environmental impacts and other siting issues". Presentation at Texas Renewable Energy Industry Association 2005 annual conference. Houston (November 2005).
- "New Genus of Damselfly in United States". Jim Sinclair (TAMUK), Tom Langschieid (King Ranch), Glenn Perrigo (TAMUK), and Alice Hempel ((TAMUK), presentation at Texas Academy of Science Meetings (2005).
- "Foraging and ovulation in house mice: Do small females have a reproductive advantage when food is scarce?" Glenn Perrigo and Michael Boechler, presentation to Texas Academy of Science Meetings (2001).

RESEARCH AND CREATIVE ACTIVITIES

Funded Submissions

- \$163,000: Glenn Perrigo, Principal Investigator, National Science Foundation, "Development, Hormones and Energy Allocation", Sept. 1, 1988 to Aug. 31, 1992 (BNS 8813375).
- \$15,500: Glenn Perrigo, Principal Investigator, University of Missouri Research Incentive Fund, 1992-1996
- \$298: Provost's Fund (January 1997)
- \$275: A&S Dean's Sharing Fund (January 1997)
- \$199: A&S Dean's Sharing Fund (December 1997)
- \$200: A&S Dean's Sharing Fund (March 1998)
- \$275: A&S Dean's Sharing Fund (January 1999)
- \$298: A&S Dean's Sharing Fund (December 1999)
- \$280: A&S Dean's Sharing Fund (April 2000)
- \$325: A&S Dean's Sharing Fund (December 2000)
- \$12,500: Alice Hempel and Glenn Perrigo, Co-principal Investigators, Texas A&M University Health Science Center (CBHEC), "Plants and Diabetes" (Sept. 1, 2000 to August 31, 2001)
- \$370: A&S Dean's Sharing Fund (April 2001)
- \$1,650: Glenn Perrigo, Principal Investigator, Texas Excellence Fund “Circadian rhythms, growth, reproduction and aging in house mice susceptible to type II (non-insulin dependent) diabetes (December 2001)
- \$4,040: Glenn Perrigo, Principal Investigator, Texas Excellence Fund “Distribution and Status of Eastern and Western Meadowlarks in South Texas” (October 2002).

- \$500: A&S Dean's Sharing Fund (December 2003)
- \$36,000: Glenn Perrigo, PI and Jim Sinclair, Co-PI, American Shoreline Company, “Avian risk analysis of fall migration at proposed Peñascal Windfarm” (October 2004-August 2005).
- \$125,000: Glenn Perrigo and Jim Sinclair, PIs, and Margaret Land, Co-PIs, Heartland Energy, “Avian risk analysis of spring migration and summer breeding season at proposed Peñascal Windfarm” (June 2005 – August 2007).
- \$123,291: Alan Fedynich, PI, G. Perrigo and G. Waggerman, Co-PIs, Texas Parks and Wildlife Department, “Assessing the impact of the invasive Eurasian Collared-Doves on the breeding ecology of White-winged Doves and other native Columbids” (August 2005 – August 2007).
- \$15,319: G. Perrigo, P.I. Texas Environmental Studies and Analysis, “Avian survey proposal for Peñascal Windfarm” (Dec 2007-Aug 2008).
- \$46,000: G. Perrigo, P.I. Coastal Bend Health Education Center, “Pre-health Professions Academic Advisor for Texas A&M University-Kingsville”. (August 2008-August 2009).
- \$46,500: G. Perrigo, P.I. Coastal Bend Health Education Center, “Pre-health Professions Academic Advisor for Texas A&M University-Kingsville”. (Sept 2009-August 2010).

Juried Photographic Competitions

- Winner, Best in Category, Upland Gamebirds & Waterfowl, for "Black-bellied Whistling-Ducks: Vigilant Pair", Texas Audubon Society's 1st Annual Native Wildlife Photography Contest. Judged by professional photographers and TPWD biologists (April 1999).
- 2001 Coastal Bend Wildlife Photography Contest: 1st Place, Butterfly Class, and Other Arachnids Class; 2nd Place, Rodent Class, Arachnid Class, and Macro Class; 3rd place, Other Arachnids Class; Honorable Mention in 4 classes; 2nd Place, Mammal Division, Honorable Mention, Insect Division. Judged by professional photographers (July 2001).
- 2003 Coastal Bend Wildlife Photography Contest: 3rd Place, Special Photography Class; Honorable Mention in 5 classes: Dragonflies and Damselflies; Bees, Ants and Kin; Patterns in Nature; Water; Amphibians and Landscape. Judged by professional photographers (July 2003).

PROFESSIONAL ACTIVITIES

Professional Affiliations

- American Association for the Advancement of Science (AAAS)
- Animal Behavior Society
- Committee for the Scientific Investigation of Claims of the Paranormal
- American Birding Association
- American Society of Zoologists (1984-1993)
- Neotropical Bird Club
- Texas Ornithological Society
- Texas Renewable Energy Industry Association
- Texas Academy of Science

- American Ornithologists Union

Consulting and Reviewing

- Grant reviewer for National Science Foundation study areas in Behavioral Neuroendocrinology, Physiological Processes, Animal Learning and Behavior, Systematic and Population Biology, Physiology and Behavior, Animal Behavior program for International Ethological Congress travel grants
- Manuscript reviewer for the following journals: Animal Behaviour, Biology of Reproduction, Behavioral Ecology and Sociobiology, Science, Physiology and Behavior, Pharmacology Biochemistry and Behavior, Chronobiology International, Journal of Comparative Physiology, Australian Journal of Science, Journal of Comparative Psychology, Ethology Ecology and Evolution, Wildlife Research, Animal Learning and Behavior, Texas Birds
- Textbook and chapter reviewer, mainly in areas of physiology, pathophysiology, endocrinology, and reproduction for Harper Collins Publishers, W.C. Brown Publishers, McGraw-Hill Publishers
- Birding Ecotour leader for Kenedy Foundation
- Professional bird and wildlife tour Guide to Peruvian Amazon and for International Journeys, Inc. (1991-1996)
- Advisory Trustee, Coastal Bend Land Trust and Coastal Bend Wildlife Photography Contest
- Ornithologist for Texas Environmental Studies and Analysis, a private consulting firm.

SERVICE

University Service and Committees

Administrative

- Chair, Department of Biology (2003-2006) and Department of Biological and Health Sciences (2006 to 2010), Assistant Chair (2010-2013), Interim Chair (2013-present), Duties include budgeting, scheduling, faculty assessment, public relations, advocacy, policy-making, personnel matters, hiring, space and fund allocation, dispute-mediation, triage, etc.

Department level - Biology

- Life Science Club advisor (2002 – present)
- Biology Liaison, Coastal Bend Schools-to-Careers Partnership for Groundhog Day Shadow Program (2000) - coordination and point-of contact for matching secondary school students with appropriate faculty mentors
- Library Representative (1996-2002) - responsible for coordinating library acquisitions for department.
- Curriculum Committee Member (1997-present) - review of biology curriculum, changes in curriculum, assessment of student outcomes in ExCET, MCAT, GRE and other post-graduate exams
- Annual Biology Scholarship Award Committee (1997)
- Faculty Biography Sheet preparation (1997) - summary of faculty research and interests for handout to students

College level - Arts & Sciences

- Faculty awards for teaching Committee (2005)
- President's Excellence Awards Committee for Junior Researcher and Senior Teaching (2004)
- Chair, Syllabus Reform Committee (2004)
- Screening Committee for Director of Tutoring Center (2004)
- Space allocation Committee (2003 – present)
- Texas Research Excellence Fund Review Committee (2001, 2002)
- Arts & Sciences Tenure Committee (2002)
- Statistics Search Team (2000) - outside member, Math Department search committee for new statistician faculty
- Sociology Accreditation Committee (1999-2000) - Biology Department representative for Social Work program accreditation process
- Chair, 1998 Olan Kruse Science Faculty Award Selection Committee (1998, 2000, 2003)
- Arts and Sciences Scholarship selection Committee (1997)
- Chair, 2001 Arts and Sciences Research Award Committee

University level

- Chair, Institutional Animal Care and Use Committee (IACUC, 1998-present) - Federally mandated committee responsible for overseeing all TAMUK research protocols involving animals. Chair is responsible for interfacing with USDA inspectors and researchers; issuing protocol approval numbers for Sponsored Research; preparation of required semi-annual reports to designated institutional officials (Office of the President and Provost); arrangement of semi-annual committee and veterinary inspection of animal research facilities; arrangement of semi-annual review of TAMUK animal care program; preparation of annual animal use and assurance statements filed with USDA's Animal and Plant Health Inspection Office and NIH's Office of Laboratory Animal Welfare; convene *ad hoc* committee meetings; tracking of controlled substances used for analgesia and anesthesia; attendance at USDA and NIH sponsored meetings. Workload: 1-16 hours per week, depending on proposal submissions and inspection schedules.
- Chair, Admissions and Standards Committee. 2004-2005.
- SACS Compliance Audit Committee for standard II.8
- Institutional Effectiveness and Planning, SACS Accreditation Committee
- Faculty Senator (2003-2004)
- TAMUK representative on Scientific Review Committee for Intel International Science and Engineering Fair - review of science fair protocols to ensure students meet criteria for ethical standards of animal or human experimentation.
- Texas Gear UP Program Faculty Fellow (2001-2003)

Community Service

- Science Fair Judge: Kingsville ISD, usually 3rd and 4th Grade, and Coastal Bend Science and Engineering Fair
- Speaker, guest lecturer and slide shows presenter for: TAMUK chapter of the Wildlife Society, Kingsville AARP, Conner Museum Brown Bag Lecture Series, Kingsville Bird and Wildlife Club, Kingsville Garden Club, Kingsville Wildlife & Nature Festival, aCorpus Christi

- Kiwanis Club, Riviera Elementary School (Annual Rainforest show for 5th graders), "The Living Room" cable TV show, Kingsville Housing Authority, Kingsville Boys and Girls Clubs, Garden Clubs, and Women's Clubs
- Co-compiler of annual Kingsville Christmas Bird Count, Sponsored by National Audubon Society.
 - Bird and Butterfly tour leader, and speaker, for annual Kingsville Birding and Nature Festival.

Academic Awards, Nominations and Fellowships

- Graduate Fellowship in Zoology, 1985, University of Texas
- Food for the 21st Century Postdoctoral Fellowship, 1986-88, University of Missouri
- U.S. Ethological Conference Committee: Young Ethologist Award to speak at 22nd International Ethological Conference in Kyoto, Japan (1991)
- Inclusion in 6th and 9th edition of *Who's Who of America's Teachers*
- Student Choice awards: Nominated for best overall instructor
- Nominated for Olan Kruse Research award, A&S Teaching Awards, and University Teaching Award

Other Areas of Special Interest & Professional Expertise

- Biological rhythms
- Chemical communication
- Debunking pseudoscience
- The identification, distribution and behavioral ecology of North American and Neotropical birds, with extensive travel and field experience in the US, México, Ecuador, Perú and Costa Rica
- Master Bird Bander permit (US Fish & Wildlife Service, #21216)
- Nature and Outdoor Photography
- Neotropical slide shows and lectures for schools, organizations, civic groups, etc.
- USF&WS annual Breeding Bird Survey, Loyola Beach route
- Elderhostel Birding Instructor for TAMUK.
- Natural History and Zoology consultant for South Texas region