**CURRICULUM VITA**

September, 2017

**Brian R. Chapman**

***Senior Research Scientist***

***Texas Research Institute for Environmental Studies***

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***Personal Information:***

*Birth:* Corpus Christi, Texas, USA

*Marriage:* Sandra Spencer Chapman

***Academic History:***

**Ph.D.** 1973 Texas Tech University Major: Zoology

**M. S.**  1970 Texas Tech University Major: Zoology

**B. S.** 1967 Texas A&M University-Kingsville Major: Biology

***Previous Employment History:***

**Senior Vice President for Academic Affairs/Provost** and **Professor of Natural Sciences,**

(2010-2013) University of Houston-Downtown, Houston, TX

 **Provost and Vice Chancellor for Academic Affairs** and **Professor of Biological Sciences**,

 (2008-2010) University of North Carolina Wilmington, Wilmington, NC.

 **Provost and Vice President for Academic Affairs** (2005- 2008) West Texas A&M University,

 Canyon, TX; Acting as President (January-May, 2006)

**Dean and Professor of Zoology** (2000-2005): College of Arts and Sciences, Sam Houston

 State University, Huntsville, TX.

**Professor and Graduate Coordinator** (1999-2000), Associate Professor (1995-1999), Assistant

 Professor (1991-1995): School of Forest Resources, University of Georgia, Athens, GA.

**Research Zoologist and Visiting Professor** (1990-1991): Oklahoma Biological Survey and

 Oklahoma Natural Heritage Inventory, Department of Zoology, University of Oklahoma,

 Norman, OK.

**Chairperson, Division of Graduate Studies** (1981-1990): College of Science and Technology,

 Texas A&M University-Corpus Christi, Corpus Christi, TX.

**Professor** (1983-1990), Associate Professor (1975-1983; tenure awarded, 1975), Assistant

 Professor (1973-1975): Department of Biology, Texas A&M University-Corpus Christi,

 Corpus Christi, TX.

**Acting Chairperson** (1973-1978): Division of Science (Departments of Biology and

Chemistry), Texas A&M University-Corpus Christi, Corpus Christi, TX.

 ***Other Professional Employment:***

**Graduate Teaching Assistant** (1967-1973): Department of Biological Sciences, Texas Tech

 University, Lubbock, TX.

**Undergraduate Teaching Assistant** (1965-1967): Department of Biology, Texas A&M

 University-Kingsville, Kingsville, TX.

***Recognitions and Honors:***

**Outstanding Teacher** **Award,** 1993, University of Georgia.

**Fellow,** Texas Academy of Science. 1987. (With Citation for Teaching Excellence).

**American Men and Women of Science**. 1987, 16th Edition - Present.

***Areas of Research:***

Vertebrate ecology, management of endangered species with emphasis on birds, bats, and rare or protected species, animal distributions, and habitat use.

***Professional Memberships:***

American Ornithological Society (Life Member)

American Society of Mammalogists (Emeritus Member)

Association of Field Ornithologists

Southwestern Association of Naturalists (Life Member, Past President)

Texas Academy of Science (Fellow)

Texas Society of Mammalogists (Charter Member, Past President)

Wilson Ornithological Society (Life Member)

***Publications (Listed in chronological order by category):***

 ***Edited Books and Special Issues (Peer Reviewed)****:*

Chapman, B. R., and J. W. Tunnell, Jr. 1982. South Texas Fauna: A Symposium Honoring Dr.

 Allan H. Chaney. Caesar Kleberg Wildlife Research Institute, Texas A&I University,

Kingsville, TX. 97 pp.

Martin, R. E., and B. R. Chapman (Editors). 1984. Contributions in Mammalogy in Honor of Robert L. Packard. Special Publication, The Museum, Texas Tech University, 22:1-234.

 Loye, J. E., and M. Zuk, eds. 1991. Bird-Parasite Interactions: Ecology, Evolution, and

 Behaviour. Oxford University Press, Oxford. 406 pp. [Associate Editor]

Chapman, B. R., and J. Laerm (Editors). 2000. Conservation of Mammals in the South-central

 United States. Proceedings of A Symposium: Fourth Colloquium on Conservation of

 Mammals in the Southeastern United States. Occasional Papers of the North Carolina

 State Museum of Natural History and the North Carolina Biological Survey, 12:1-92.

Trani, M. K., W. M. Ford, and B. R. Chapman (Editors). 2007. The Land Managers Guide to

 Mammals of the South. The Nature Conservancy, Southeastern Region, and U. S. Forest

 Service, Southern Region. Atlanta, GA. 546 pp. (with DVD)

Lutterschmidt, W. I., and B. R. Chapman (Editors). Texans on the Brink: The State’s Threatened

 and Endangered Fauna. Texas A&M University Press (Submitted, In Review).

 ***Book Contributions (Peer Reviewed):***

Chapman, B. R. 1980. Current status of colonial waterbird populations on the Texas coast. Pp.

14-18, *in* Management of Colonial Waterbirds (J. F. Parnell and R. F. Soots, eds.).

 University of North Carolina Sea Grant Publ. UNC-SG-80-06, Wilmington, NC.

Soots, R. F., J. Burger, B. R. Chapman, C. T. Collins, M. Gochfield, H. W. Kale II, J. F. Parnell,

 and W. C. Scharf. 1980. The current needs of colonial waterbirds in the United States.

 Pp.30-42, *in* Management of Colonial Waterbirds (J. F. Parnell and R. F. Soots, eds.).

 University of North Carolina Sea Grant Publ. UNC-SG-80-06. Wilmington, NC.

Chapman, B. R. 1982. Current status of Roseate Spoonbills on the Texas coast. Pp. 79-82, *in*

 South Texas Fauna: A Symposium Honoring Dr. Allan H. Chaney (B. R. Chapman and

 J. W. Tunnell, Jr., eds.). Caesar Kleberg Wildlife Research Institute, Texas A&I

 University, Kingsville, TX.

Segers, J. C., and B. R. Chapman. 1984. The ecology of the Spotted Ground Squirrel,

  *Spermophilus spilosoma*, on Padre Island, Texas. Pp.105-112 *in* Contributions in

 Mammalogy in Honor of Robert L. Packard (R. L. Martin and B .R. Chapman, eds.).

 Special Publication, The Museum, Texas Tech Univ. 22:1-234.

Chapman, B. R., and J. E. George. 1990. Effects of ectoparasites on Cliff Swallow growth and

 survival. Pp. 69-92, *in* Bird-Parasite Interactions: Ecology, Behaviour and

 Evolution (J. E. Loye and M. Zuk, eds.). Oxford University Press, London..

Chapman, B. R., and S. S. Chapman. 1999. Species Account: *Perognathus flavus.* Pp. 499-500 *in*

 The Smithsonian Book of North American Mammals (D. E. Wilson and S. Ruff, eds.). Smithsonian Institution Press, Washington, D.C.

Chapman, S. S., and B. R. Chapman. 1999. Species Account: *Lasiurus seminolus.* Pp. 110-111 *in*

 The Smithsonian Book of North American Mammals (D. E. Wilson and S. Ruff, eds.). Smithsonian Institution Press, Washington, D.C.

 Chapman, B. R. 2007, 2009. Museums of natural history and sanctuaries for wildlife. Pp. 21-35, *in* Structures as Argument (J. D. Ragsdale, ed.). Cambridge Scholars Publishing, London. 120 pp. [Paperback edition: 2009]

 Chapman, B. R., and J. D. Ragsdale. 2007, 2009. Information as persuasion: museum-based Internet educational outreach. Pp. 36-47, *in* Structures as Argument (J. D. Ragsdale, ed.). Cambridge Scholars Publishing, London. 120 pp. [Paperback edition, 2009]

Trani, M. K., W. M. Ford, and B. R. Chapman (Editors). 2007. The Land Managers Guide to

 Mammals of the South. The Nature Conservancy, Southeastern Region, and U. S. Forest

 Service, Southern Region. Atlanta, GA. 546 pp.

 [***Authored or co-authored the chapters and species accounts listed below*.]**

 Chapman, B. R.:

 Pp. 59-63. Virginia Opossum, *Didelphis virginiana* (Kerr, 1792).

 Pp. 125-127. Wagner’s Bonneted Bat, *Eumops glaucinus* (Wagner, 1843).

 Pp. 128-133. Brazilian Free-tailed Bat, *Tadarida brasiliensis* (Geoffery

 Saint-Hilaire, 1824).

Pp. 134-139. Rafinesque’s Big-eared Bat, *Corynorhinus rafinesquii* (Lesson,

 1827).

Pp. 140-145. Townsend’s Big-eared Bat, *Corynorhinus townsendii* (Cooper,

 1837).

Pp. 146-152. Big Brown Bat, *Eptesicus fuscus* (Palisot de Beavois, 1796).

Pp. 153-157. Silver-haired Bat, *Lasionycteris noctivagans* (LeConte, 1831).

Pp.158-163. Eastern Red Bat, *Lasiurus borealis* (Müller, 1776).

Pp. 164-168. Hoary Bat, *Lasiurus cinereus* (Palisot de Beauvois, 1796).

Pp. 169-172. Northern Yellow Bat, *Lasiurus intermedius* (H. Allen, 1862).

Pp. 173-177. Seminole Bat, *Lasiurus seminolus* (Rhoads, 1895).

Pp. 178-182. Southeastern Myotis, *Myotis austroriparius* (Rhoads, 1897).

Pp. 183-188. Gray Myotis, *Myotis grisescens* (Howell, 1909).

Pp. 189-192. Eastern Small-footed Myotis, *Myotis leibii* (Audubon and

 Bachman, 1842).

Pp. 193-198. Little Brown Myotis, *Myotis lucifugus* (Le Conte, 1831).

Pp. 199-204. Northern Long-eared Myotis, *Myotis septentrionalis* (Trouessaret,

 1897).

Pp. 212-215. Evening Bat. *Nycticeius humeralis* (Rafinesque, 1818).

 Pp. 216-221. Eastern Pipistrelle, *Pipistrellus subflavus* (F. Cuvier, 1832).

 Pp. 222-225. Nine-banded Armadillo, *Dasypus novencinctus* (Linneaus, 1758).\

 Pp. 226-229. Snowshoe Hare, *Lepus americanus* (Erxleben, 1777).

 Pp. 230-236. Black-tailed Jackrabbit, *Lepus californicus* (Gray, 1837).

 Pp. 237-242. Eastern Cottontail, *Sylvilagus floridanus* (Allen, 1890).

 Pp. 243-246. Appalachian Cottontail, *Sylvilagus obscurus* (Chapman, Cramer,

 Dippenaar, and Robinson, 1992).

 Pp. 247-251. Marsh Rabbit, *Sylvilagus palustris* (Bachman, 1837).

 Pp. 446-451. Common Gray Fox, *Urocyon cinereoargenteus* (Schreber, 1775).

 Pp. 452-456. Red Fox, *Vulpes vulpes* (Linneaus, 1758).

 Pp. 463-469. Bobcat, *Lynx rufus* (Schreber, 1777).

 Pp. 470-474. Striped Skunk, *Mephitis mephitis* (Schreber, 1776).

 Pp. 475-479. Eastern Spotted Skunk, *Spilogale putorius* (Linneaus, 1758).

 Pp. 486-489. Fisher, *Martes pennanti* (Erxleben, 1777).

 Pp. 490-494. Long-tailed Weasel, *Mustela frenata* (Lichtenstein, 1831).

 Pp. 495-498. Least Weasel, *Mustela nivalis* (Linneaus, 1766).

 Pp. 505-508. American Badger, *Taxidea taxus* (Schreber, 1778).

 Pp. 509-511. Ringtail, *Bassariscus astutus* (Lichtenstein, 1830).

 Pp. 512-517. Northern Raccoon, *Procyon lotor* (Linneaus, 1758).

 Chapman, B. R., and M. K. Trani:

 Pp. 540-544. Feral Pig, *Sus scrofa* (Linneaus, 1758).

 Chapman, B. R., S. B. Castleberry, and J. Laerm:

 Pp. 35-55. Dichotomous Keys to the Mammals of the South by Order.

 Ford, W. M., and B. R. Chapman:

 Pp. 205-211. Indiana Myotis, *Myotis sodalis* (Miller and Allen, 1928).

 Laerm, J., W. M. Ford, and B. R. Chapman:

 Pp. 64-69. Northern Short-tailed Shrew, *Blarina brevicauda* (Say, 1823).

 Pp. 70-74. Southern Short-tailed Shrew, *Blarina carolinensis* (Bachman, 1837).

 Pp. 75-77. Elliot’s Short-tailed Shrew, *Blarina hylophaga* (Elloit, 1899).

 Pp. 78-82. Least Shrew, *Cryptotis parva* (Say, 1823).

 Pp. 86-90. Masked Shrew, *Sorex cinereus* (Kerr, 1792).

 Pp. 95-98. Smoky Shrew, *Sorex fumeus* (Kerr, 1792).

 Pp. 99-103. Pygmy Shrew, *Sorex hoyi* (Baird, 1858).

 Pp. 104-108. Southeastern Shrew, *Sorex longirostris* (Bachman, 1837).

 Pp. 109-112. American Water Shrew, *Sorex palustris* (Richardson, 1858).

 Pp. 113-116. Star-nosed Mole, *Condylura cristata* (Linnaeus, 1758).

 Pp. 117-119. Hairy-tailed Mole, *Parascalops breweri* (Bachman, 1842).

 Pp. 120-124. Eastern Mole, *Scalopus aquaticus* (Linnaeus, 1758).

 Pp. 269-271. Northern Pygmy Mouse, *Baiomys taylori* (Thomas, 1887).

 Trani, M. K., and B. R. Chapman:

 Pp. 435-440. Coyote, *Canis latrans* (Say, 1832).

 Pp. 441-445. Red Wolf , *Canis rufus* (Audubon and Bachman, 1851).

 Pp. 457-462. Mountain Lion, *Puma concolor* (Linneaus, 1771).

 Pp. 480-485. Northern River Otter, *Lontra canadensis* (Schreber, 1777).

 Pp. 499-504. American Mink, *Mustela vison* (Schreber, 1777).

 Pp. 518-525. American Black Bear, *Ursus americanus* (Pallas, 1780).

 Pp. 533-539. White-tailed Deer, *Odocoileus virginianus* (Zimmerman, 1780).

 Trani, M. K., W. M. Ford, and B. R. Chapman:

 Pp. 1-9. Introduction to Mammals of the South.

 ***Books:***

Chapman, B. R., and E. G. Bolen. 2015. Ecology of North America,

 Second Edition. Wiley-Blackwell. New York, NY. 334 pp.

 Chapman, B.R., and E.G. Bolen. (In Press.) A Natural History of Texas. Texas A&M University Press, College Station, TX. (Scheduled for January, 2018 release)

***Monographs (Peer Reviewed):***

Chaney, A. H., B. R. Chapman, J. P. Karges, D. A. Nelson, R. R. Schmidt, and L. C. Thebeau.

 1978. Use of dredged material islands by colonial seabirds and wading birds in Texas.

 U.S. Army Corps of Engineers Dredged Material Research Program Tech. Rep. D-78-8.

 Vicksburg, MS. 179 pp. [Reviewed by 10 internal and 5 external referees]

Chapman, B. R. 1984. Seasonal abundance and habitat-use patterns of coastal bird populations on

 Padre and Mustang Island barrier beaches (Following the IXTOC I oil spill). U.S. Fish

 and Wildlife Service FWS/OBS-82/10-78. 73 pp. [Reviewed by 8 external referees]

***Journal Articles (Peer Reviewed):***

Chapman, B. R. 1972. Food habits of Loring's Kangaroo Rat, *Dipodomys elator*. Journal of

Mammalogy, 53:887-880.

Chapman, B. R., and S. D. Casto. 1972. Additional vertebrate prey of the Loggerhead Shrike.

 Wilson Bulletin, 84:496-497.

Chapman, B. R., and R. L. Packard. 1974. An ecological study of Merriam's Pocket Mouse,

  *Perognathus merriami*, in southeastern Texas. Southwestern Naturalist, 19:281-291.

Howell, F. G., and B. R. Chapman. 1976. Acarines associated with Cliff Swallow communities in

 northeast Texas. Southwestern Naturalist, 21:275-280.

Chapman, B. R., P. A. Buckley, and F. G. Buckley. 1979. First photographic record of the

 Greater Flamingo in Texas. Bulletin of the Texas Ornithological Society, 12:20-21.

Bolen, E. G., M. W. Wilson, M. W. Weller, L. R. Jahn, C. S. Robbins, and B. R.Chapman. 1980.

 Report of the Conservation Committee, 1978: Nongame conservation and management.

 Wilson Bulletin, 92:142-148.

Chapman, B. R. 1981. Effects of the IXTOC I oil spill on Texas shorebird populations.

Proceedings of the 1981 Oil Spill Conference, 1981:461-465.

Bolen, E. G., and B. R. Chapman. 1981. Estimating winter sex ratios for Buffleheads.

 Southwestern Naturalist, 26:49-52.

Chapman, B. R., T. L. Grantland, and R. E. Ricklefs. 1981. Growth and development of

 temperature regulation in nestling Black-crowned Night-Herons. Colonial Waterbirds,

 4:114-119.

Bolen, E. G., B. R. Chapman, M. W. Wilson, M. W. Weller, L. R. Jahn, C. S. Robbins, and F. B.

 Sampson. 1981. Report of the Conservation Committee, 1980, the Year of the Coast:

 Birds. Wilson Bulletin, 93:438-456.

Beynon, J. L., D. L. Hutchins, A. J. Rubino, A. L. Lawrence, and B. R. Chapman. 1981.

 Nocturnal activity of birds on shrimp mariculture ponds. Journal of the World

 Mariculture Society, 12:63-70.

Chapman, B. R., and T. L. Grantland. 1981. Texas county records for bird specimens in the

 Corpus Christi State University collection. Bulletin of the Texas Ornithological Society,

 14:26-27.

Chapman, B. R. 1982. An apparent instance of communal nesting by American Oystercatchers.

 Wilson Bulletin, 94:584.

Thebeau, L.C., and B. R. Chapman. 1984. Laughing Gull nest placement on Little Pelican Island,

 Galveston Bay. Southwestern Naturalist, 29:247-256.

Chapman, B. R., and R. J. Howard. 1984. Habitat suitability index models: Great Egret. U.S. Fish

 and Wildlife Service, FWS/OBS-82/10-78. 23 pp.

Chapman, B. R., and S. G. Spencer. 1987. Distributional records of six Texas mammals. Texas

 Journal of Science, 39:379-380.

Spencer, S. G., P. C. Choucair, and B. R. Chapman. 1988. Northward expansion of the Southern

 Yellow Bat, *Lasiurus ega*, in Texas. Southwestern Naturalist, 33:493.

Tunnell, J. W., Jr., and B. R. Chapman. 1988. First record of Red-footed Boobies in the Gulf of

 Mexico. American Birds, 42:380-382.

Chapman, B. R. 1988. History of the White Pelican colonies in south Texas and northern

 Tamaulipas. Colonial Waterbirds, 11:275-283.

Chapman, B. R., and S. S. Chapman. 1990. Patagial tag causes White Pelican death. North

 American Bird Bander, 15:17.

Chapman, S. S., and B. R. Chapman. 1990. Bats from the coastal region of southern Texas. Texas

 Journal of Science, 42:13-22.

Sheffield, S. R., and B. R. Chapman. 1992. First records of mammals from McCurtain County,

 Oklahoma. Texas Journal of Science, 44:491-492.

Withers, K., and B. R. Chapman. 1993. Seasonal abundance and habitat use of shorebirds on an

 Oso Bay mudflat, Corpus Christi, Texas. Journal of Field Ornithology, 64:382-392.

Creighton, J. C., C. C. Vaughn, and B. R. Chapman. 1993. Habitat preference of the endangered

 American Burying Beetle (*Nicrophorus americanus*) in Oklahoma. Southwestern

 Naturalist, 38:275-277.

Brooks, J. L., J. L. Rodrique, M. A. Cone, K. V. Miller, B. R. Chapman, and A. S. Johnson. 1994.

 Small mammal and avian communities on chemically-prepared sites in the Georgia

 Piedmont. Proceedings of the Biennial Southern Silvicultural Research Conference,

8:21-23.

Miller, K. V., and B. R. Chapman. 1995. Responses of vegetation, birds and small mammals to

 chemical and mechanical site preparation. Pp.146-148, *in* Second International

 Conference on Forest Vegetation Management (R. E. Gaskin and J. A. Zabkiewicz, eds.).

 New Zealand Forest Research Institute Bulletin, 192:1-323.

Kilgo, J. C., R. A. Sargent. B. R. Chapman, and K. V. Miller. 1996. Nest-site selection by

 Hooded Warblers in bottomland hardwood forests of South Carolina. Wilson Bulletin, 108:53-60.

Kilgo, J. C., R. A. Sargent, K. V. Miller, and B. R. Chapman. 1996. Nest-site selection by

 Kentucky Warblers in bottomland hardwood forests of South Carolina. Journal of Field

 Ornithology, 67:300-306.

Moorman, C. E., and B. R. Chapman. 1996. Habitat and nest selection by Red-shouldered Hawks

 in managed Piedmont forests of central Georgia. Wilson Bulletin, 108:357-368.

Kilgo, J. C., R. A. Sargent, K. V. Miller, and B. R. Chapman. 1996. Effect of riparian zone width

 on Swainson's Warbler abundance. Proceedings of the Southern Forested Wetlands

 Ecology and Management Conference, 1:177-180.

Sargent, R. A., J. C. Kilgo, B. R. Chapman, and K. V. Miller. 1996. Success and location of

 Wood Thrush nests in riparian and upland hardwood forests of South Carolina.

 Proceedings of the Southern Forested Wetlands Ecology and Management Conference, 1:208-212.

Laerm, J., W. M. Ford, and B. R. Chapman. 1996. New records of *Zapus hudsonicus* and

  *Napaeozapus insignis* (Rodentia: Zapodidae) from Georgia and comments on their

 conservation status. Georgia. Journal of Science, 54:99-108..0

Howell, D. L., and B. R. Chapman. 1997. Home range and habitat use of the Red-shouldered

 Hawk in Georgia. Wilson Bulletin, 109:131-144.

Sargent, R. A., Jr., J. C. Kilgo, B. R. Chapman, and K. V. Miller. 1997. Nest Success of

 Kentucky Warblers and Hooded Warblers in bottomland forests of South Carolina. Wilson Bulletin, 109:233-238.

Buffington, J. M., J. C. Kilgo, R. A. Sargent, Jr., K. V. Miller, and B. R. Chapman. 1997. A

 comparison of breeding bird communities in bottomland hardwood forests of different

 successional stages. Wilson Bulletin, 109:314-319.

Kilgo, J. C., R. A. Sargent, Jr., K. V. Miller, and B. R. Chapman. 1997. Landscape influences on

 breeding bird communities in upland hardwood fragments in South Carolina. Wildlife

 Society Bulletin, 25:878-885.

Kilgo, J. C., R. A. Sargent, Jr., B. R. Chapman, and K. V. Miller. 1998. Effect of stand width and

 adjacent habitat on breeding bird communities in bottomland hardwoods. Journal of

 Wildlife Management, 62:72-83.

Sargent, R. A., J. C. Kilgo, B. R. Chapman, and K. V. Miller. 1998. Predation of artificial nests in

 hardwood fragments enclosed by pine and agricultural habitats. Journal of Wildlife

 Management, 62:1437-1441.

Howell, D. L., and B. R. Chapman. 1998. Prey brought to Red-shouldered Hawk nests in the

 Georgia Piedmont. Journal of Raptor Research, 32:257-260.

Menzel, M. A., T. C. Carter, and B. R. Chapman. 1998. A quantitative comparison between tree

 roosts of the red bat (*Lasiurus borealis*) and the Seminole bat (*L. seminolus*) in the

 southeastern United States. Canadian Journal of Zoology, 76:630-634.

King, T. G., M. A. Howell, B. R. Chapman, K. V. Miller, and R. A. Schorr. 1998. Comparisons

 of wintering bird communities in mature pine stands managed by prescribed burning.

 Wilson Bulletin, 110:570-574.

White, D. H., B. R. Chapman, J. H. Brunjes, R. V. Raftovich, and J. T. Seginak. 1999.

 Abundance and reproduction of songbirds in burned and unburned pine forests of the Georgia Piedmont. Journal of Field Ornithology, 70:414-424.

Carter, T. C., M. A. Menzel, B. R. Chapman, and K. V. Miller. 1999. Notes on the summer

 foraging and roosting behavior of an Eastern Pipistrelle (*Pipistrellus subflavus*). Bat

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 and Red-tailed Hawks in Georgia. Journal of Raptor Research, 33:248-251.

Carter, T. C., M. A. Menzel, B. R. Chapman, and K. V. Miller. 1999. A new method in the study

 of bat activity patterns. Wildlife Society Bulletin, 23:598-602.

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 mammal communities in different successional stages of reclaimed kaolin mines in Georgia. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, 52:464-475*.* [Published in 2001]

Laerm, J., W. M. Ford, and B. R. Chapman. 2000. The conservation of terrestrial

 mammals in the southeastern United States. Occasional Papers of the North Carolina

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Chapman, B. R., J. Laerm, and S. S. Chapman. 2000. Status and distribution of lasiurine bats in

 Georgia. Occasional Papers of the North Carolina State Museum of Natural History,

12:40-44.

Gassett, J. W., T. H. Folk, K. A. Dasher, K. V. Miller, B. R. Chapman, and D. I. Hall. 2000. Food

 habits of Cattle Egrets (*Bubulcus ibis*) on St. Croix, U. S. Virgin Islands. Wilson Bulletin

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 characteristics, and landform effects on understory herbaceous communities in southern Appalachian cove-hardwoods. Biological Conservation, 93:237-246.

Buffington, J. M., J. C. Kilgo, R. A. Sargent, K. V. Miller, and B. R. Chapman. 2000. Effects of

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 Buffington, J. M., J. C. Kilgo, R. A. Sargent, K. V. Miller, and B. R. Chapman. 2000. Foraging behavior of three passerines in mature bottomland hardwood forests during summer. Journal of the Elisha Mitchell Scientific Society, 116:356-359.

 Kilgo, J. C., K. E. Franzreb, S. A. Gauthreaux, Jr., K. V. Miller, and B. R. Chapman. 2000.

Effects of long-term forest management on a regional avifauna. Studies in Avian

 Biology, 21:81-86. [Invited Paper]

Menzel, M. A., T. C. Carter, B. L. Mitchell, L. R. Jablonowski, B. R. Chapman, and J. Laerm.

 2000. Prey selection by a maternity colony of Big Brown Bats (*Eptesicus fuscus*) in the southeastern United States. Florida Scientist, 63:232-241.

 Menzel, J. M., M. A. Menzel, G. F. McCracken, and B. R. Chapman. 2000. Notes on bat activity above the forest canopy in the eastern United States. Georgia Journal of Science,

 58:212-216.

 Menzel, M. A., B. R. Chapman, W. M. Ford, J. M. Menzel, and J. Laerm. 2000. A review of the distribution and roosting ecology of bats in Georgia. Georgia Journal of Science

 58:105-110.

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 selection by Eastern Red, Seminole, and Evening Bats in the Upper Coastal Plain of

 South Carolina. Proceedings of the Annual Conference of the Southeastern Association

 of Fish and Wildlife Agencies, 54:304-313.

 Menzel, M. A., T. C. Carter, W. M. Ford, and B. R. Chapman. 2001. Tree-roost characteristics of subadult and female adult Evening Bats (*Nycticeius humeralis*) in the Upper Coastal Plain of South Carolina. American Midland Naturalist, 145:112-119.

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 Society, Austin, TX. [Invited Symposium Presentation].

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 small mammal communities on different successional stages of reclaimed kaolin mines in Georgia. 53rd Annual Conference, Southeastern Association of Fish and Wildlife Agencies, Greensboro, NC.

Owen, S. F., M. A. Menzel, W. M. Ford, B. R. Chapman, K. V. Miller, J. Edwards, and

 P. B. Wood. 2000. The effects of harvesting intensity and stand structure on bat foraging and spatial activity patterns in the Allegheny Plateau physiographic province of West Virginia. Tenth Annual Colloquium on the Conservation of mammals in the Southeastern United States, Guntersville, AL.

Carter, T. C., S. K. Carroll, S. F. Owen, M. A. Menzel, W. M. Ford, G. A. Feldhammer,

 and B. R. Chapman. 2000. Food habits of the Northern Long-eared Myotis (*Myotis septentrionalis*) across space and time. Tenth Annual Colloquium on the Conservation of Mammals in the Southeastern United States, Guntersville, AL.

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 W. M. Ford, and B. R. Chapman. 2000. A review of home range characteristics and habitat use patterns of eight species of vespertilionid bats from the eastern United States. 2000. Tenth Annual Colloquium on the Conservation of Mammals in the Southeastern United States, Guntersville, AL.

Chapman, B. R. 2000. A summary of research and conservation needs for mammalian

 species in the southeastern United States. Tenth Annual Colloquium on the Conservation of Mammals in the Southeastern United States, Guntersville, AL. [Invited paper, Panel Discussion]

Owen, S. F., B. R. Chapman, M. A. Menzel, and K. V. Miller. 2000. The effects of

 harvest intensity and landscape patterns on spatial activity patterns of the Northern Long-eared Myotis at the Westvaco Ecosystems Research Forest. Westvaco Ecosystems Research Forest Annual Cooperators Meeting, Charleston, WV.

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 foraging activity patterns and roost site selection of Northern Long-eared Myotis on the Fernow Research Forest, West Virginia. Fernow Research Forest Cooperators Review, Parsons, WV.

Chapman, B. R. 2000. Bats, chats, and rats: a summary of research activities on a

 diversity of species. Texas A&M University Commerce, Commerce, TX. [Invited Presentation]

Carter, T. C., S. K. Carroll, S. F. Owen, M. A. Menzel, W. M. Ford, G. A. Feldhammer,

 and B. R. Chapman. 2000. Food habits of the northern long-eared Myotis (*Myotis septentrionalis*) across space and time. 80th Annual Meeting, American Society of Mammalogists, University of New Hampshire, Durham.

 Constantine, N. L., W. M. Baughman, B. R. Chapman and K. V. Miller. 2001. Influence of remnant corridors on small mammal communities in intensively managed forests of the Coastal Plain. [Poster]. The 8th Annual Conference, The Wildlife Society, Reno, NV.

 Brandau-Brown, F. E., J. D. Ragsdale, R. S. Bello, T. M. Thibodeaux, and B. R.

 Chapman. 2004. The role of leadership in civic education and advancement. Alliance

 of Universities for Democracy (AUDEM) Fifteenth Annual Conference, Pecs,

 Hungary.

 Chapman, B. R., J. D. Ragsdale, F. E. Brandau-Brown, R. S. Bello, and Terry M.

 Thibodeaux. 2004. Integrating environmental education and biodiversity into the

 university curriculum. Alliance of Universities for Democracy (AUDEM)

 Fifteenth Annual Conference, Pecs, Hungary.

 Ragsdale, J. D., R. S. Bello, F. E. Brandau-Brown, T. M. Thibodeaux, and B. R.

 Chapman. 2006. European museums as visual persuasion: a typological

 approach. International Association for Intercultural Communication Studies,

 San Antonio, TX.

 Ragsdale, J. D., R. S. Bello, F. E. Brandau-Brown, T. M. Thibodeaux, and B. R.

 Chapman. 2006. The museum as visual persuasion: a theoretical analysis and

 illustrative typology. The 56th Annual International Communication Association

 Conference, Dresden, Germany.

 Webster, W.D., and B. R. Chapman. 2010. Recent range expansion of the Brazilian

 free-tailed bat, *Tadarida brasiliensis*, in North Carolina. North Carolina Bat

 Working Group, Raleigh, NC.

Lane, V. R., T. G. King, M. A. Howell, B. R. Chapman, and K. V. Miller. 2011. Breeding bird

 community responses to dormant- versus growing-season prescribed fire. 65th Annual

 Conference, Southeastern Association of Fish and Wildlife Agencies, Nashville, TN.

***Workshops Attended:***

 Texas Freshwater Mussel Identification and Sampling Workshop, 20-23 August 2013,

 Texas Tech University – Junction, Texas. Certificate of Completion Awarded.

***Grant and Contract History:***

Sole Principle Investigator except where indicated. University through which grant or contract

was initiated is listed in subheading.

**Texas Tech University (as a graduate student, 1970-1973)**

 1972. Effects of nest ectoparasites on Cliff Swallow growth and survival.

 Department of Biological Sciences, Texas Tech University. $500 (1970).

1. Studies of nesting synchrony in Cliff Swallow colonies. Frank M. Chapman Memorial

 Fund, American Museum of Natural History. $300 (1972).

1972. Characterization of the acarine community associated with Cliff Swallow

 colonies in northwestern Texas. Grant-in-Aid, The Society of the Sigma Xi.

 $300 (1972).

1. Effects of ectoparasites on Cliff Swallow nesting success. Graduate Student Development

 Fund, The Graduate School, Texas Tech University. $300 (1972).

**Texas A&M University-Corpus Christi (1973-1990)**

1976. Use of dredged material islands by colonial seabirds and other wading birds in

 Texas. Dredged Material Habitat Program, U.S. Army Corps of Engineers, Waterways

 Experiment Station, Vicksburg, MS. Contract No. 39-76-C-1065. (Co-Principal

 Investigator). $85,000 (1976-1978).

1. IXTOC I prespill marine bird survey of Padre Island National Seashore. National Park

 Service, Padre Island National Seashore, Corpus Christi, TX., Contract No.

 PX7490-0-0243. $5,000 (1979).

1979. Prespill marine bird survey of South Padre Island, North Padre Island, Mustang

Island, and the Aransas Pass area. National Oceanic and Atmospheric Administration, Contract No. NA79RAC00149. $9,500 (1979).

1. Effects of the IXTOC I Oil Spill on marine bird populations along the lower Texas

 coast. U.S. Fish and Wildlife Service, National Coastal Ecosystems Team, Slidell, LA,

 Contract No. 14-16-009-80-062. $45,000 (1980-1981).

1. Growth and development of wading birds. Organized Research Fund, Texas A&M

 University-Corpus Christi. $6,700 (1980-1981).

1. Habitat Suitability Index for the Great Egret. U.S. Fish and Wildlife Service, Office of

 Environment, Albuquerque, NM, Contract No.14-16-002-81-236. $4,000 (1981).

1. White Pelican response to ectoparasite infestation at Padre Island National Seashore.

 Organized Research Fund, Texas A&M University-Corpus Christi. $7,700 (1983).

1. White Pelican nesting ecology in the Laguna Madre, Texas. Organized Research Fund,

 Texas A&M University-Corpus Christi, Corpus Christi, TX. $6,000 (1984).

1. Effects of ectoparasites on the nest success of White Pelicans. National Park Service,

 Padre Island National Seashore, Corpus Christi, TX, Contract No. 7072-0024-183.

$18,000 (1985-1987).

1. Distribution and natural history of mammals and birds in southern China. Warren

 Foundation, Corpus Christi, TX. (Travel Grant). $3,000 (1986).

 1986 Establishment of electrophoretic and karyotyping laboratory at Texas A&M

 University-Corpus Christi. Humana Foundation, Humana Hospitals, Inc.

 $15,000 (1986).

1. Sponsorship of student participation in biological expedition to Yunnan Province,

 China. Edward and Janet Harte Foundation, Harte-Hanks Publishing Company, Corpus

 Christi, TX. (Travel Grant).$3,500 (1987).

1. Distribution and natural history of mammals and birds in southern Yunnan Province,

 China. Organized Research Fund, Texas A&M University-Corpus Christi.

$7,500 (1987).

1987. The mammals of Padre and Mustang Islands, Texas (Literature and museum records).

 Organized Research Fund, Texas A&M University-Corpus Christi.$1,000 (1987).

1. Travel grant to American Museum of Natural History and U.S. National

 Museum. Organized Research Fund, Texas A&M University-Corpus Christi.

$1,000 (1988).

1. Avian ecology on the *Gran Sabana*, Venezuela. Coastal Ecosystems Company, Corpus

 Christi, TX. $3,000 (1988).

1989. Status survey for the endangered Short-tailed Shrew, *Blarina hylophaga plumbea.*

U.S. Fish and Wildlife Service, Division of Ecological Services, Corpus Christi,

Texas Field Office, Cooperative Agreement No. 14-16-0002-88-915.

$3,000 (1989).

**Oklahoma Biological Survey, University of Oklahoma (1990-1991)**

1990. Habitat use and genetic characterization and variability in the American Burying

 Beetle, *Nicrophorus americanus,* in Oklahoma (Co-principle Investigator). Oklahoma

 Department of Wildlife Conservation, Nongame Section. $11,000 (1990-1992).

 1990. Survey of rare and endangered species in Latimer County, Oklahoma. Universal Ensco,

 Inc., Houston, TX. $8,000 (1990).

 1990. Land condition trend analysis of mammal populations at Fort Hood, Texas.

 (Co-Principle Investigator).U.S. Army Construction Engineering Research Laboratory,

 U.S. Army Corps of Engineers, Champaign, IL. $17,000 (1990-1991).

1990. Continuation of survey for cave crayfish in eastern Oklahoma. (Co-Principle

 Investigator).Oklahoma Department of Wildlife Conservation, Nongame Section.

$8,000 (1990-1991).

1990.Survey for significant ecological communities on the Little River National

 Wildlife Refuge, Oklahoma. U.S. Fish and Wildlife Service, Little River National

 Wildlife Refuge. $45,000 (1990-1992).

1990.Survey for rare and candidate invertebrates in Ozark caves of Oklahoma.

 (Co-Principle Investigator). U.S. Fish and Wildlife Service, Division of Ecological

 Services, Tulsa, Oklahoma Field Office. $20,000 (1990-1992).

1. Biogeography of mammals in Rocky Mountain National Parks. (Co-Principle

 Investigator). National Park Service, Rocky Mountain Regional Office, Denver, CO.

 $54,000 (1991-1994).

**University of Georgia (1991-2000)**

1991. Effects of chemical site preparation on clearcut utilization by wintering migratory

 birds in the Southeast. (Co-Principle Investigator). U.S. Fish and Wildlife Service,

 Patuxent Wildlife Research Center, Southeastern Field Station, Athens, GA.

$89,000 (1991-1996).

1. Effects of prescribed burning on habitat use and reproduction of Neotropical migrants

 (Co-Principle Investigator). U.S. Fish and Wildlife Service, Patuxent Wildlife Research

 Center, Southeastern Field Station, Athens, GA. $72,000 (1992-1996).

1992. Influence of stand size and surrounding habitat on the species diversity and nest

 success of migratory birds in hardwood forest remnants. (Co-Principle

 Investigator).U.S. Forest Service, Savannah River Site, Aiken, SC.

$165,000 (1992-1995).

1993. A comparison of avian communities in bottomland hardwoods of different

 successional stages. (Co-Principle Investigator).U.S. Forest Service, Savannah River Site,

 Aiken, SC. $35,000 (1993-1995).

1993. Foraging habitat selection by co-existing hawks in fire-maintained pine forests. Georgia Department of Natural Resources, Nongame and Endangered Species Fund, Forsyth, GA.

$4,000 (1993-1994).

1. Land managers guide to the mammals of the south. U.S. Forest Service, Southern

 Regional Office, Atlanta, GA *and* The Nature Conservancy, Chapel Hill, NC.

$5,000 (1994-1997).

1994. Integrating Red-cockaded Woodpecker habitat management guidelines with the

 habitat requirements of Neotropical migratory birds. (Co-Principle Investigator). U.S.

 Department of Defense, Legacy Program, Fort Benning Military Reservation,

 Columbus, GA. $125,000 (1994-1997).

1994. Evaluation of restored surface mine habitats and their importance to wildlife.

 (Co-Principle Investigator).China Clay Producers Association, Sandersville, GA.

$109,000 (1994-1997).

1. Habitat selection, productivity, and survival of shrub-scrub Neotropical migratory birds

 in the southeastern United States. (Co-Principle Investigator).National Biological

 Service, Patuxent Wildlife Research Center, Laurel MD. $170,000 (1995-1999).

1995.Initial survey for bats in experimental gaps of bottomland hardwood forests.

 (Co-Principle Investigator).U.S.D.A. Forest Service, Savannah River Site, Aiken, SC.

$10,000 (1995-1996).

1995. Influence of seral successionary patterns and canopy closure on plant species

 composition and wildlife communities in young longleaf pine stands. (Co-Principle

 Investigator).U.S.D.A. Forest Service, Southeastern Region. $21,000 (1995-1997).

1995. Vertebrate species composition and change relative to spatial heterogeneity and

 crown closure in young-aged longleaf pine stands. (Co-Principle Investigator).U.S.D.A.

 Forest Service, Southeastern Region. $50,000 (1995-1999).

1996. Habitat use and activity patterns of bats in experimentally created forest gaps in a

 bottomland hardwood forest. (Co-Principle Investigator). U.S.D.A. Forest Service,

 Savannah River Site, Aiken SC. $80,000 (1996-1998).

1998.Small mammal studies in a mosaic landscape: the impact of harvesting and the

 role of corridors in structuring communities. (Co-Principle Investigator). Westvaco

 Corporation, Summerville, SC. $59,000 (1998-1999).

1998.Initial survey of bats in the Westvaco Ecosystem Research Forest. Westvaco Corporation, Timberlands Division, Parsons, WV. $25,000 (1998-1999).

1998.Integrated headwater stream riparian management response study. (Co-Principle

 Investigator). National Council of the Paper Industry for Air and Stream Improvement,

 Inc., Research Triangle Park, NC. $160,000 (1998-2001).

 **Sam Houston State University (2000-2005)**

2003*.* Center of Excellence in Digital Forensic Science at Sam Houston State University. [Wrote initial proposal for Discretionary Funding, United States Government, Senator Kay Bailey Hutchinson]. Funded through National Institute of Justice. $994,000 (2003-2004).

 **University of North Carolina Wilmington (2008- 2010)**

2010 Support for the Wildsumaco Biological Station, Ecuador. (Co-author of funding

 proposal). Friends of UNCW. $1,000.

 **Sam Houston State University (2014-2017)**

2014. Mist net survey for bats at Camp Maxey, Lamar County, Texas. (Co-Principle Investigator). U.S. Army, Texas National Guard, Austin, TX. $22,350. (2014-2105).

2015 Development of resources for early detection of existing and emerging parasites infesting Honey Bees in Texas. (Co-Principal Investigator). USDA APHIS Farm Bill Section 10007. $40,813. (2015).

2016 Development of resources for early detection of existing and emerging parasites infesting Honey Bees in Texas. (Co-Principal Investigator). USDA APHIS Farm Bill Section 10007. $30,208. (2016).

***University Administrative Service History:***

**Texas A&M University-Corpus Christi (1973-1990):**

***Note:*** *Only the most important administrative activities are listed below. I served on numerous*

*University- and College-level committees during my tenure in Corpus Christi.*

Acting Chairperson, Division of Science (1973-1978). [Administrative oversight of Department

 of Biology and Department of Chemistry]

Chairperson, Division of Graduate Studies, College of Science and Technology (1981-1990).

 [Administrative oversight of graduate (M.S.) programs in Biology, Computer Science,

 and Nursing]

Curator, Vertebrate Collections, Department of Biology (1973-1990).

Chairperson, Promotion and Tenure Committee, College of Science and Technology

(1984-1986).

Member, University Research Committee(1987-1990).

Member, University Library Committee(1976-1978; 1984-1988).

**Oklahoma Biological Survey, University of Oklahoma (1990-1991):**

Member, Heritage Preservation Committee, The Oklahoma Nature Conservancy and the

 Oklahoma Biological Survey (1990-1991).

Member, George M. Sutton Awards Committee, Department of Zoology (1990-1991).

**University of Georgia (1991-2000):**

Elected Member, University Admission Committee (Undergraduate Admissions Office), University of Georgia (1997-1999).

Member, University Academic Dishonesty Review Panel, University of Georgia (1994-1997).

Graduate Coordinator and Chairperson, Graduate Affairs Committee, School of Forest Resources

 (1999-2000)

Co-Chairperson, Stoddard-Burleigh-Sutton Award Committee, School of Forest Resources and

 School of Ecology (1995-2000), Member (1991-2000).

Elected Member, Administrative Committee, School of Forest Resources (1992-1993,

1994-1995, 1998-1999). [Advisory Committee to the Dean of the School]

Member, Strategic Planning Committee, School of Forest Resources (1999-2000).

Member, Lands Committee, School of Forest Resources (Committee oversees the management of

 24,000 acres of School-owned property, 1991-2000).

Member, E.L. Cheatum Award Committee, School of Forest Resources (1991-2000).

Member, Graduate Affairs Commitee, School of Forest Resources (1996-2000).

Member, Undergraduate Affairs Committee, School of Forest Resources (1997-2000).

Member, Honors and Awards Committee, School of Forest Resources (1993-1997).

Member, Curriculum Committee, School of Forest Resources (1992-1996).

Member, Teaching Effectiveness Committee, School of Forest Resources (1994-1996).

Co-Chairperson, Natural Resources Major Committee, School of Forest Resources (1992-1994).

Member, Seminar Committee, School of Forest Resources (1992-1993).

Member, Search Committee: for Silviculturist,School of Forest Resources (1992); for Forest

 Ecologist, School of Forest Resources (1993); for Wildlife Biometrician, School of

 Forest Resources (1996); for Upland Game Wildlife Biologist, School of Forest Resources (1997); for Director, Museum of Natural History, Institute of Ecology (1997).

 **Sam Houston State University (*Selected List of Committees*)**

 Chair, Arts & Sciences Chairs’ Council

 Member, Council of Academic Deans (2000- 2005)

 Member, Academic Policy Council (2000-2005)

 Member, Informational Technology Resource Council (2000-2005)

 Member, Faculty Grievance Committee (2000-2002)

 Member, Student Retention Task Force (2000-2002)

 Chair, Search Committee for Dean, College of Education and Applied Science (2000)

 Chair, Web Course Compensation Committee (2000)

 Member, Key Security Task Force (2001)

 Member, Advisory Task Force for Campus Master Plan (2001)

 Member, Presidential “Academics First” Task Force (2002-2003)

 Member, Search Committee for Vice President of University Advancement (2002)

 Chair, Search Committee for University Senior Research Scholar (2017)

 **West Texas A&M University (*Selected List of Activities*):**

 Acting as President (August 2005 - May 2006)

 Oversight Responsibilities: Cornette Library, Continuing Education, Study

 Abroad, International Fellowships, Research and Sponsored Programs, Quality

 Enhancement Program, First-Year Experience Program, Student Success Center,

 Teaching Excellence Center, and five Academic Colleges

 Chair, Southern Association of Colleges and Schools Re-accreditation Planning

 Committee (Received full re-accreditation without follow-up, December 2007)

 Chair, Promotion and Tenure Committee (Revision of Annual Performance Review,

 Annual Merit, Promotion and Tenure, and Post-tenure Review policies)

 Chair, Strategic Planning Committee: Developed the 2007-2011 Strategic Plan and

 Accompanying Financial Plan

 National Award: The WTAMU First –Year Experience Program received one of ten

 national awards from the National Resource Center for the First-Year Experience

 and Students in Transition at the annual conference, February, 2008

 Oversight of Campus Enhancement: Conversion of all classrooms and labs to “Smart

 Classrooms” with modern furnishings; installed wireless access

 throughout campus; created a coffee shop (Starbucks) and student study lounge in

 the Cornette Library,.

 Reorganization of University (with Board of Regents and Texas Higher Education

 Coordinating Board, and Faculty Senate approvals):

* Created a new College (Nursing and Health Sciences);
* Created a Study Abroad Program;
* Re-vitalized the Continuing Education Program;
* Created a Center for Teaching Excellence (with IT assistance for

 faculty);

* Created a Student Success Center (including a First Alert Program to

 identify students having academic problems, revising the academic

 advising program, linking the academic advising, First Alert, counseling,

 tutoring, and Career Services programs to provide seamless assistance –

 all will be in one common area when building renovation is completed)

**University of North Carolina Wilmington (*Selected List of Activities*):**

 Member, Student Learning Outcomes Assessment Committee, Department of Biology

 and Marine Biology.

 Chair, Southern Association of Colleges and Schools Fifth-Year Report Committee

 Chair, UNC Tomorrow, Phase II Report Committee

 Co-Chair, Budget Planning Committee (Including annual budget planning and oversight

 and planning for an 7% reversion in 2008-2009 and a 7% reduction in

 appropriations in 2009-2010).

 Chair, Deans’ Council

 Chair, Senior Academic Council

 Member, Administrative Cabinet.

 Leadership and Initiatives: Reform of Basic Studies Curriculum; Student Learning

 Outcomes Assessment; Program Learning Outcomes Assessment; Budget Process

 Reform; Development of On-line Learning Programs; Expansion of UNCW to

 sites in Onslow County and Camp Lejuene (Marine Corps); Expansion of Honors

 Program; Development of six new Study Abroad M.O.U.s; Creation of a new

 College (College of Health and Human Services); Created an Associate Vice

 Chancellor of Diversity and Inclusion position to promote campus diversity and a

 spirit of inclusion on the campus and in the community.

 **University of Houston-Downtown (*Selected List of Activities*):**

 Chair, Deans’ Council

 Chair, Chairs’ Council

 Chair, Strategic Planning Committee (Produced Strategic Plan 2020)

 Chair, Academic Affairs Council

 Chair, Committee to Establish Admission Standards

 Member, President’s Executive Council

 Member, University of Houston Provosts’ Council

 Member, Texas Association of Chief Academic Officers

 Member, University Facilities Advisory Committee

 Member, University Budget and Planning Committee

 Administrative Oversight and Responsibility:

 Office of Academic Affairs and Academic Affairs Budget

 Office of Advising and Academic Counseling

 Office of Institutional Research

 Office of Distance Education (including on-line program development)

 W. I. Dykes Library

 Office of Research and Sponsored Programs

 Office of Academic Scheduling

 Office of International Programs

 Office of Community Outreach

 Continuing Education Programs

 Scholar’s Academy

 Office of Academic Design and Advertising

Leadership and Initiatives: Lead Strategic Planning; Initiated and provided funding for

 High Impact Experience Program; Initiated and provided funding for Honors

 Program; Established business programs at Lone Star College-Atascocita

 Campus; Restructured Course Scheduling and Room Use; Developed university

 admission standards; Created mini-semesters and part-of-term schedules; Initiated

 Continuing Education Program; Developed three new of academic programs and

 increased on-line completion programs from 3 to 13; Authored legislative request

 for a science building; Created Center for Advising and Academic Mentoring;

 Moved BAAS and BSIS programs to University College to provide academic

 oversight; Created an on-line University Catalog.

***Resident Instruction and Continuing Education History:***

 **University Courses Taught**

***Introduction to Ecology*** Texas A&M University-Corpus Christi, annually 1973-1990.

***Vertebrate Natural History*** Texas A&M University-Corpus Christi, annually 1973-1990;

 University of North Carolina Wilmington, 2011.

***Professional Skills*** Texas A&M University-Corpus Christi, annually 1973-1990.

***Conservation Ecology*** Texas A&M University-Corpus Christi, annually 1973-1990.

***Padre Island Ecology***  Texas A&M University-Corpus Christi, annually 1973-1990.

***Ornithology*** Texas A&M University-Corpus Christi, annually 1973-1990.

***Mammalogy*** Texas A&M University-Corpus Christi, annually 1973-1990.

***Plant Taxonomy*** Texas A&M University-Corpus Christi, odd-numbered years 1973-1989.

***Wildlife Ecology*** Texas A&M University-Corpus Christi, even-numbered years 1974-1988.

***Biogeography***  Texas A&M University-Corpus Christi, annually 1973-1990; Sam Houston State

 University, 2004.

***Ethology*** Texas A&M University-Corpus Christi, annually 1973-1990.

***Principles of Ecology*** University of Oklahoma, 1990.

***Natural History of the Vertebrates*** University ofGeorgia, annually 1992-2000.

***Endangered Species Management***  University of Georgia, annually 1994-2000.

***Range and Wildlife Habitat Evaluation and Management*** University of Georgia, 1991.

***Fish and Wildlife Seminar - Theory of Island Biogeography and Wildlife Management***

 University of Georgia, 1993.

***Ecology and Management of Waterfowl Populations and Habitats*** University of Georgia, odd-

 numbered years, 1991-1995.

***Advanced Avian Ecology and Management*** University of Georgia, 1994.

***Humans and Ecology*** University of North Carolina Wilmington, 2010

***Senior Seminar (Endangered Species Management)*** University of North Carolina Wilmington, 2010

 ***Ecology of North America,*** *Sam Houston State University,* 2016.

 **Service and Continuing Education Courses Taught (1992-present):**

1992. Invited Speaker: "Endangered Species and Wildlife Management." Wildlife Conservation

 Workshop, *Sponsored by* Georgia Chapter, The Wildlife Society and Georgia Department

 of Natural Resources.

1993. Invited Speaker: "Endangered and Other Nongame Species." Wildlife Management on

 Timberlands, *Sponsored by* Georgia Division, Society of American Foresters.

1993. Instructor: "Endangered Species and Their Impact on Forest Management." Two-day Short

 Course (12 SAF Credits) in Charleston, SC. *Sponsored by* Forestry Information Services.

1993. Instructor: "Endangered Species and Their Impact on Forest Management." Two-day Short

 Course (12 SAF Credits) in Destin, FL. *Sponsored by* Forestry Information Services.

1993. Invited Speaker: "Neotropical Migratory Birds and Forest Management." Georgia Forestry

 Symposium and Alumni College, University of Georgia Center for Continuing

 Education.

1994. Instructor: "Endangered Species Management in Forested Ecosystems." Two-day Short

 Course (8 SAF Credits) in Hilton Head, SC. *Sponsored by* Forestry Information

 Services.

1995. Invited Speaker: "Managing Forests for Nongame Wildlife." *Sponsored by* Southeastern

 Region, Georgia Pacific Corporation (8 SAF Credits) in Athens, GA.

1995. Invited Speaker: Neotropical Migratory Birds in Managed Timberlands: Management

 Options." *Sponsored by* Southeastern Region, Georgia Pacific Corporation in Athens,

 GA.

1995. Invited Speaker: "Endangered Species Considerations." Wildlife Seminar for Foreign

 Animal Disease Preparedness, *Sponsored by* Southeastern Cooperative Wildlife Disease

 Study, College of Veterinary Medicine, University of Georgia.

1995. Invited Speaker: "Non-timber Values of Forested Wetlands." Forested Wetlands.

  *Sponsored by* Southeastern Society of American Foresters and Alabama Division, SAF (6 SAF hours), Montgomery, AL.

1996. Invited Speaker: "Endangered Species and Neotropical Migratory Bird Update." Georgia

 Forestry Symposium, *Sponsored by* Georgia Center for Continuing Education, Athens,

 GA.

1997. Invited Speaker: “Management of Neotropical Migratory Birds in Production Forests.@

  *Sponsored by* Mead Coated Board Company, Columbus, Georgia.

 2016. Plenary Speaker: “Honey Bees and a Host of Invaders.” Texas Invasive Plant and Pest

 Conference,” Sponsored by Texas Invasive Species Institute, Sam Houston State University, Huntsville, TX

**Administrative Seminars, Short Courses, and Conferences Attended (2000- Present)**

1. Selected Fellow, UHRI Senior Fellows Program, Texas Higher Education

 Coordinating Board (Week-long short course for academic administrators; focus

 on curriculum and program development, functions of THECB, and interactions

 with state legislature.). Austin, TX.

1. Conference Attendee, Texas Association of Deans of Liberal Arts and Sciences,

 Austin, TX.

1. Conference Attendee, Texas Association of Deans of Liberal Arts and Sciences,

Austin, TX.

1. Conference Attendee, “Promoting Educational Excellence: Best Practices, Best

 Results.” Annual Meeting, Commission on Colleges of the Southern Association

 of Colleges and Schools, San Antonio, TX.

1. Short Course Participant, “Deans and Development,” Sponsored by Council of

 College of Arts and Sciences, San Antonio, TX.

2003. Conference Attendee, Texas Association of Deans of Liberal Arts and Sciences,

 Austin, TX.

1. Conference Attendee, “Promoting Educational Excellence: Leadership for

 Change.” Annual Meeting, Commission on Colleges of the Southern Association

 of Colleges and Schools, Nashville, TN.

1. University Delegate, Sino-American Leadership Training Initiative, Sponsored

 by the American Association of State Colleges and Universities and the Chinese

 Education Association for International Exchange, Beijing and Lanzhou, China.

1. University Delegate and Conference Presentation: Educating Citizens for

 Democratic Citizenship. Alliance of Universities for Democracy (AUDEM)

 Fifteenth Annual Conference, Pecs, Hungary.

1. Conference Attendee, Meeting the Challenge: “Enhancing Student Learning.”

 Annual Meeting, Commission on Colleges of the Southern Association of

 Colleges and Schools, Atlanta, GA.

2005 Conference Attendee, 25th Annual Conference on the First-Year Experience.

 National Resource Center for the First-Year Experience and Students in

 Transition. Atlanta, GA.

2005-2008 Represented West Texas A&M University at quarterly meetings of the

 Texas A&M University System Chief Academic Officers and the Texas A&M

 University System Board of Regents

2005- 2008 Represented West Texas A&M University at quarterly meetings of the

 Texas Higher Education Coordinating Board

2006 Represented West Texas A&M University at various meetings of the Texas

 Senate Finance Committee, the Texas House of Representative Finance

 Committee and the Texas Legislative Budget Board

 2006 Conference Delegate, Texas Institute on Higher Education Collaboration, Texas

 Association of College and University Student Personnel Administrators, The

 Woodlands, TX.

2006 Conference Attendee, Texas Chief Academic Officers Association, San Antonio,

 Texas

2006 Conference Delegate, A Leadership Summit to Effect Change in Teaching and

Learning. Board on Agriculture and Natural Resources and Board on Life Sciences, National Academy of Sciences, Washington, DC.

* 1. Conference Attendee, Annual Meeting, Commission on Colleges of the Southern

Association of Colleges and Schools, New Orleans, LA.

1. Conference Attendee, Texas Chief Academic Officers Association, Austin, TX.
2. Conference Attendee, Texas Chief Academic Officers Association, Austin, TX.
	1. Conference Attendee, Annual Meeting, Commission on Colleges of the Southern

 Association of Colleges and Schools, San Antonio, TX.

 2008. Ethics Training Course (Certification), University of North Carolina System

 (Videoconference).

 2008-2009 Represented University of North Carolina Wilmington at quarterly meetings

 of the Board of Trustees.

* 1. Conference Attendee, University of North Carolina Chief Academic Officers

Meeting, Raleigh, NC

 2011 Conference Attendee, Texas Chief Academic Officers Association, Austin, TX.

 2011 Conference Attendee, Commission on Colleges of the Southern

 Association of Colleges and Schools, Orlando, FL.

 2012 Conference Attendee, Texas Chief Academic Officers Association, Austin, TX.

 2012 Conference Attendee, Commission on Colleges of the Southern Association of Colleges and Schools, Dallas, TX.

**Student Education and Activities Involvement**

Co-Advisor, Student Chapter of The Wildlife Society, School of Forest Resources,

 (1992-1995).

Co-Coach, Wildlife Quiz Bowl Team, Student Chapter of The Wildlife Society (1991-1999).

 [Team won First Place in Quiz Bowl competition with all other southeastern universities

 in 1992, 1994, 1996, 1997, and 1999].

 Academic Advisor, Wildlife Management majors, 1991-2000 [Provided academic advice and

 degree plans to 20-32 students each semester]

 Thesis Advisor to 53 MS students; Thesis Committee Member for 52 students; MS Report Advisor, 5 students (1973-present)

 Dissertation Advisor or Co-advisor, 5 students (1991-2000)

***Professional Service History:***

 **Elected Professional Society Offices**

 ***Secretary-Treasurer***, Southeastern Section, The Wildlife Society (1996-1997).

 ***President***, Southwestern Association of Naturalists (1987-1989); ***President-Elect*** (1985-1987).

 ***Past-President and Member, Board of Governors***, Southwestern Association of Naturalists

 (1990-Present).

 ***President***, Texas Society of Mammalogists (1988).

 ***Secretary***, Colonial Waterbird Society (1986-1990; Two terms).

 ***Secretary***, Southwestern Association of Naturalists (1975-1979; Two terms).

 ***Associate Editor for Higher Vertebrates***, Southwestern Association of Naturalists (1983-1986;

 for *The Southwestern Naturalist*).

 ***Newsletter Editor***, Colonial Waterbird Society (1980-1984; Two terms).

 **Appointed Professional Society Offices**

 ***Member, Audit Committee,*** Southwestern Association of Naturalists (2001-present)

***Chairperson, Nongame and Endangered Species Committee,*** Southeastern Section, The

 Wildlife Society (1995).

 ***Associate Editor for Nongame Wildlife***, Southeastern Association of Fish and Wildlife

 Agencies, Appointed by Southeasern Section, The Wildlife Society (1993 and 1994;

 Two volumes).

 ***Co-Chairperson, Arrangements***, Colloquium on the Conservation of Mammals of the South-

Central United States, Athens, GA (1994).

 ***Chairperson, Conservation Committee****,* Wilson Ornithological Society (1991-1993).

 ***Chairperson, Student Activities Committee***, Southeastern Association of Fish and Wildlife

 Agencies (1993). [Planned and hosted banquet for 250 students and faculty from 15

 southeastern universities]

 ***Chairperson, Honors Committee***, Southwestern Association of Naturalists (1990-1991).

 ***Co-Chairperson, Scientific Program Committee***, Fifth Joint Meeting, Cooper Ornithological

 Society and Wilson Ornithological Society, University of Oklahoma, Norman, OK

(1990-1991).

 ***Co-Chairperson, Avian Art Gallery***, Fifth Joint Meeting, Cooper Ornithological Society and

 Wilson Ornithological Society, University of Oklahoma, Norman, OK (1990-1991).

 ***Chairperson, Wilks Award Committee*** (Student Paper Awards), Southwestern Association of

 Naturalists (1985-1987).

 ***Chairperson, Local Arrangements Committee***, Annual Meeting, Southwestern Association of

 Naturalists, Corpus Christi, TX (1982).

 ***Chairperson, Local Arrangements Committee***, Annual Meeting, Colonial Waterbird Society,

 Corpus Christi, TX (1981).

 ***Chairperson, Local Arrangements Committee***, Third Joint Meeting, Cooper Ornithological

 Society and Wilson Ornithological Society, Corpus Christi, TX (1980).

 ***Chairperson, Field Trips Committee***, Annual Meeting, Southwestern Association of

 Naturalists, Lubbock, TX (1972).

**Professional Society Committee Memberships**

 Development Committee, Southwestern Association of Naturalists (2000- 2005).

 Nongame and Endangered Species Committee, Southeastern Association of Fish and Wildlife

 Agencies (1992-2001).

 Forest Wildlife Committee, Southeastern Association of Fish and Wildlife Agencies

(1992-2001).

 Southeastern Working Group, Partners in Flight (1992-2000).

 Georgia Working Group, Partners in Flight (1994-2000).

 Southeastern Bat Diversity Network (1995-2000).

 Steering Committee, 1993 Annual Meeting of the Southeastern Association of Fish and

 Wildlife Agencies, Atlanta, GA (1992-1993).

 Wilks Award Committee (Student Paper Awards), Southwestern Association of Naturalists

 (1986-1987, 1992-1993)

 Local Arrangements Committee, Fifth Joint Meeting of the Cooper Ornithological Society and

 Wilson Ornithological Society, University of Oklahoma, Norman, OK (1990-1991).

 Local Arrangements Committee, Annual Meeting, Texas Academy of Science, Corpus Christi,

 TX (1984-1985).

 Conservation Committee, Wilson Ornithological Society (1977-1982).

 Board of Governors, Texas Colonial Waterbird Survey (1973-1990).

 **Editorship of Professional Journals and Book Series**

 Associate Editor for Higher Vertebrates, *The Southwestern Naturalist,* 1983-1986.

[The periodical is a national, technical, refereed outlet for the Southwestern Association

 of Naturalists, a professional organization of ecologists that specialize in research on

 southwestern organisms and ecosystems; published quarterly]

 Associate Editor for Nongame Wildlife, *Proceedings of the Annual Conference of the*

 *Southeastern Association of Fish and Wildlife Agencies,* 1993 and 1994.

[The *Proceedings* is a regional, technical, refereed journal; published annually]

 Co-editor, Integrated Natural History Series, sponsored by Sam Houston State University and

 under publishing contract with Texas A&M University Press.

**Professional Journal Referee (1990- present only)**

  *American Midland Naturalist:* 1990, 2000.

*Auk:* 1990(2), 1991(3), 1992 (2), 1993(2), 1994(3), 1995(2).

  *Canadian Journal of Zoology:* 1998, 2000, 2002(2).

 *Colonial Waterbirds:* 1990, 1991(2).

  *Condor:* 1996, 1997, 1999, 2001, 2003.

 *Conservation Biology:* 1994.

 *Estuaries:* 1992, 1993, 1999.

 *Journal of Field Ornithology:* 1996(2), 1997(3), 1998(2), 1999(2).

*Journal of Mammalogy:* 1991.

*Journal of Raptor Research*, 1998, 2004

  *Oikos:* 1991.

 *Southeastern Naturalist:* 2003, 2006, 2016.

*Southwestern Naturalist:* 1990, 1991, 2009, 2010 (2), 2014 (2), 2016 (2).

 *Texas Journal of Science:* 1990, 1995, 1996, 2001, 2002, 2007.

 *U.S Fish and Wildlife Service:* 2007

 *Wetlands:* 1993, 1994.

 *Wilson Bulletin:* 1990, 1996(2), 1997, 1998(2), 1999, 2000, 2001, 2002, 2003,

2007, 2009, 2010, 2011, 2015.

**Manuscript Referee (1990-1998)**

Invited Referee (1991): Endangered Species Recovery Plan: American Burying Beetle.

 Region 5, U.S. Fish and Wildlife Service, Austin, TX.

Invited Referee (1992): Endangered Species Recovery Plan: Golden-Cheeked Warbler.

 Region 5, U.S. Fish and Wildlife Service, Austin, TX.

Invited Referee (1994): Chapter 21, "Conservation Biology and Wildlife Management." *in*

 Wildlife Ecology and Management 3rd Edition (E. G. Bolen and W. L. Robinson).

 Macmillan College Publishing Company, Inc., New York.

Invited Referee (1998): Chapter 14, Extinction and Extirpation. *in* Vertebrate Biology (D. W.

 Linzey). WCB/McGraw-Hill, New York. (Second review, 1999)

Invited Referee (1998): Chapter 16, Conservation and Management. *in* Vertebrate Biology (D.

 W. Linzey). WCB/McGraw-Hill, New York. (Second Review, 1999)

Invited Referee (1999): Proposed Lab Manual The Dissection of Vertebrates (G. De Iuliis and

 D. Pulera). WCB/McGraw-Hill, New York.

Invited Referee (1999): Graphic art and illustrations for Vertebrate Biology (D. Linzey).

 WCB/McGraw-Hill, New York. [Reviewed all art for entire textbook]

Invited Referee: (1999): Selection of papers for presentation in Nongame Ecology and

 Management sessions, 1999 Annual Meeting of The Wildlife Society.

Invited Referee: (2000): Selection of papers for presentation in Landscape Ecology sessions.

 2000 Annual Meeting of The Wildlife Society.

Invited Referee (2000): Proposed book – Mammalian Conservation (D.E. Wilson et al.).

Smithsonian Institution Press, Washington, D.C.

 ***Community Service History:***

 Member/Volunteer, Wilmington Railroad Museum, Wilmington, NC (2008-2010)

 Member, Economic Development Summit Planning Committee, Southeastern Region,

 North Carolina (for University of North Carolina General Administration,

 (2008-2009)

 Member, Alternative Energy Advisory Council, Amarillo Chamber of Commerce

 (2007- 2008)

 Member, Board of Governors (*ex officio*), Huntsville and Walker County Chamber of

 Commerce (2002- 2004; University Representative

 Member, Economic Development Committee, City of Huntsville, Huntsville, TX

 (2001-2002).

 Member, Scientific Advisory Committee, Red-cockaded Woodpecker Habitat Conservation

 Plan for Georgia. Georgia Department of Natural Resources and Georgia Forestry

 Commission. (1994-2000).

 Expert Witness, Sierra Club vs. U.S. Army Corps of Engineers, Galveston District. Federal

 District Court, Galveston, TX (1984).

 Chairperson, Bird Hazard Subcommittee, Corpus Christi Airport Advisory Committee, City of

 Corpus Christi (1977-1990).

 Member, Advisory Board**,** Corpus Christi Botanical Garden, Corpus Christi Botanical Society

(1986-1990).

 Member, Biological Advisory Committee, Texas State Aquarium, Corpus Christi, TX

(1987-1990).

 Member, Ecology and Natural Resources Protection Committee**,** Coastal Bend Council of

 Governments (1981-1985). [Committee reviewed all development proposals for a

seven-county area]

 Participant, Leadership Corpus Christi, Corpus Christi Chamber of Commerce, Corpus Christi,

 TX (1974- 1975).

 Co-Program Chairperson, Leadership Corpus Christi, Corpus Christi Chamber of Commerce,

 Corpus Christi, TX (1976-1977).

 President, Coastal Bend Chapter, National Audubon Society (1974-1978; two terms).

***Foreign Travel History (Related to Professional Activities):***

Austria, Germany, Holland, Italy, and Switzerland (1981);

 Canada (1978, 1987, 2001, 2012);

 Costa Rica (1998);

 France (2004);

 Hong Kong (1986, 1987, 2002);

 Hungary (2004)

 Jamaica (1996);

 Japan (1987);

 Mexico (annually 1973-1989 and 2000-2004);

 New Zealand (1996);

 People's Republic of China (1986, 1987, 2001, 2002, 2003, 2007);

 Puerto Rico and U.S. Virgin Islands (1983);

 Taiwan (2012)

Tasmania (1996);

Thailand (1987, 2002);

United Kingdom (1986, 1987, 2009);

Venezuela (1988)

***Foreign Research and Consultation History:***

1981. **Italy.** Presentation of invited research paper at a conference sponsored by the World

 Mariculture Society in Venice, Italy.

1986. **People’s Republic of China.** Survey and census of birds and bats in Ding Hu Shan and

 Nan Kan Shan, Guangdong Province, *Sponsored by* Guangdong Institute of Entomology

 and the Chinese Academy of Science. Dr. Liao Wei Ping, host.

1. **United Kingdom.** Review of avian specimens from the Guangdong Province, China, in

 the British Museum of Natural History, London.

1987. **People’s Republic of China.** Survey and census of birds and bats in Xishuanbana,

 Yunnan Province, *Sponsored by* Kunming Institute of Ecology and the Chinese Academy of Science. Dr. Shao Wu, host.

1. **United Kingdom.** Review of avian specimens from the Yunnan Province, China, in the

British Museum of Natural History, London.

1996. **Australia.** External review of the impacts of the Quality Deer Management Program in

 Tasmania. *Sponsored by* Tasmanian Quality Deer Management Program, Hobart, Tasmania. Bryan Murphy, host.

1998. **Costa Rica.** Initial survey for Neotropical migratory birds in planted industrial forests of

 Costa Rica. *Sponsored by* Stone Container Corporation, Columbia, SC.

 2001. **People’s Republic of China.** Met with United States Embassy officials in Beijing, Chungdu, and Shanghai to discuss student visa access for Chinese graduate students who want to study at Sam Houston State University.

 2002. **People’s Republic of China.** Met with United States Embassy officials in Beijing and met with officials of several Chinese universities to establish a graduate student exchange program for mathematics and statistics.

 2002. **Thailand.** Met with Prime Minister Shinawatra and administrators of Shinawatra University, Bankok, to establish a faculty and student exchange program.

 2003. **People’s Republic of China**. University delegate to the Fourth China International Forum of Education: China Education Expo 2003 and the joint meeting of the American Association of State Colleges and Universities and the China Education Association for International Exchange in Beijing. Traveled to Lanzhou, Gansu Province, and met with the President and administrative officers of Gansu Agricultural University to develop a cooperative agreement for a faculty and student exchange program.

2004. **France.** University representative to solidify student exchange agreement with

Universite d’Auvergne in Clermont Ferrand. University representative to develop

 summer program for students at The American University of Paris.

2007 **People’s Republic of China.** Leader of West Texas A&M University’s delegation to

arrange for a student study abroad program with The Beijing Center, Beijing.

2009 **United Kingdom.** Member of a campus delegation to solidify the student-faculty

exchange program between the Center for Marine Science, University of North Carolina Wilmington and the National Oceanography Centre, Southampton, University of Southampton.

2012 **Taiwan**. Member of a UHD delegation that visited two universities to renew exchange agreement, two universities to establish new exchange agreements, and a prominent donor to express university gratitude for his gift.

***International Involvement:***

* 1. **Member, Committee to Establish a Research Field Station in Ecuador.** In

cooperation with Francis Marion University, South Carolina, and Wildsumaco Wildlife

Sanctuary, Ecuador, the Department of Biology and Marine Biology at the University of

North Carolina Wilmington constructed a field research and teaching facility in the

tropical rain forest in the eastern foothills of the Andes Mountains, Ecuador. The station

is used for study abroad-type field trips and undergraduate, graduate and faculty

research.

2010 **Member, Student Learning Outcomes Committee,** Department of Biology and Marine Biology (Examined outcomes of international student experience trips)

 2010-2011 **Member, Peer Evaluation Committee,** Department of Biology and Marine

 Biology (Evaluated faculty involved in international courses).

 2010-2011 **Member, Undergraduate Curriculum Committee**, Department of

 Biology and Marine Biology (Developed student research courses

 designed to use field station in St. Croix and Ecuador)

2012 **Establishment of Office of International Programs,** University of Houston-Downtown

 2012 **University Representative**, Texas International Education Cooperative (TIEC)

***Exhibitions and Publications:***

**Exhibition of Photographs:** Coastal Bend Audubon Society Photography Show (juried).

1984 (2 Photographs selected, Third Place Award); 1985 (3 Photographs selected); 1986

 (2 Photographs selected, Second Place Award).

**Publication of Photographs:** Corpus Christi Magazine, September 1986, 3 photographs;

 Bulletin of the Texas Ornithological Society, June 1973, 4 photographs including back cover; 14 photographs selected for inclusion in three railroad books.

**Exhibition of Paintings:** Avian Art Show (juried), Wilson Ornithological Society and Cooper

 Ornithological Society, Norman Oklahoma, 1989, 2 paintings selected for exhibition.