

Curriculum vitae

Bernd G. Würsig

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wiki/BerndWursig](http://en.wikipedia.org/wiki/BerndWursig)

Present Position: Regents and University Distinguished Professor
George P. Mitchell '40 Chair in Sustainable Fisheries
Department of Marine Biology; Department of Wildlife and Fisheries Sciences

SUMMARY OF ACCOMPLISHMENTS

- 1970 Research Award of the ASC Honors Society, Ohio State University: "Role of messenger RNA in limb regeneration of the newt *Notophthalmus viridescens*"
- 1977 Biomedical Research Fellowship, State of New York
- 1980 Elected Fellow of Research, Explorer's Club
- 1986 Dean's award for exemplary teaching, San José State University
- 1988 Meritorious Performance Award for Research and Teaching, School of Science, San José State University
- 1991 Alban-Heiser Award for Conservation Activities and Education, the Zoological Society of Houston
- 1991–1993 Society for Marine Mammalogy, Elected President
- 1994 50th Anniversary Grant of the Texas A&M Research Foundation
- 1995 Neches Gulf Marine Award for Most Effective Teacher
- 1997 Distinguished Lecturer Award, Grupo *Balaena* of the Instituto Veterinario, Universidad Complutense, Madrid, Spain
- 1998 Nominated (by former Texas A&M Univ. at Galveston Honors Students), and Inducted: 5th edition of Who's Who Among America's Teachers
- 1998 The Chairman's Award, Committee for Research and Exploration of the National Geographic Society
- 2001 Academy Award Nomination, Best Science Movie: IMAX movie "Dolphins"
- 2001–2002 Senior Fulbright Fellow, New Zealand
- 2006 Awarded Regents Professorship, TAMU System
- 2007 Texas A&M University at Galveston Commencement Speaker
- 2008 Texas A&M Former Students' Award – Graduate Mentoring
- 2010 Minnie Piper Professor of 2010, for Teaching and Education
- 2012 George P. Mitchell '40 Chair in Sustainable Fisheries
- 2013 University Distinguished Professor, Texas A&M University

In General:

- Published 161 peer reviewed journal articles and book chapters
- Published 56 book reviews, mainly in *Quarterly Review of Biology*.
- Published 7 books to date, and presently working on two new ones
- Advised on 14 science movies, including the IMAX movie "Dolphins"
- Published 50 journal and other "popular press" articles for the lay public

- Served as senior advisor for 65 graduate students
- Supported 6 post-doctoral students and 3 visiting scientists
- Developed the Texas A&M Marine Mammal Research Program, and Behavioral Ecology Lab
- Co-headed and headed the Institute of Marine Life Sciences
- Inaugural Chair of the Marine Biology Grad Program, 2008-2010
- Received \$9.76 million in research funding past 12 years
- Helped to develop three major research techniques now used worldwide: 1) first analog – now digital – theodolite tracking, 2) photographic recognition of marine mammals; 3) development of bubble curtain screening to reduce underwater noise.

DETAILED CREDENTIALS

Education

B.Sc., Biology, Minor in Germanic Literature, Ohio State University, 1971

Ph.D., Behavioral Biology and Ecology, State University of New York, Stony Brook, 1978.

Dissertation: “Behavioral ecology of bottlenose and dusky dolphins in the South Atlantic”

Post-Doctoral Research, Center for Marine Studies, University of Santa Cruz, 1978–1981.

Research: “Behavioral ecology of the Hawaiian spinner dolphin”

Professional Experience

Lecturer, Boston University Marine Program (BUMP) summer courses, 1977–1981. Taught biology of marine mammals.

Assistant Professor of Biology, Moss Landing Marine Laboratories, Moss Landing, CA, 1981–1985.

Associate Professor of Biology, Moss Landing Marine Laboratories, 1985–1989.

Professor of Biology, Moss Landing Marine Laboratories, 1989.

Professor of Marine Mammalogy, Departments of Marine Biology *and* Wildlife and Fisheries Sciences.

Director, Texas A&M Marine Mammal Research Program, then Marine Mammal Behavioral Ecology Group, Texas A&M University Galveston, TX, 1989–present.

Director, Institute of Marine Life Sciences of Texas A&M University, 1996–2010.

Regents Professor, Texas A&M University System, Inducted December 2006.

George P. Mitchell '40 Chair in Sustainable Fisheries since 2012.

University Distinguished Professor since 1 Sept. 2013.

TEACHING

Teaching Experience

Adaptation and Evolution*

Physical Aspects of the Marine Environment

General Behavior

General Biology

Animal Physiology

Chordate Zoology and Human Physiology
 Marine Invertebrates
 Biostatistics*
 Behavior of Marine Animals
 Biology of Marine Birds and Mammals*
 Biology of Marine Mammals (MARB 400)*
 Topics in Social Evolution (WFSC 689)*
 Foraging Strategies of Marine Vertebrates (WFSC 689)*
 Natural History of Vertebrates (MARB 315)
 Behavioral Ecology of Cetaceans (MARB 403/603)*
 Marine Mammals and Seabirds of New Zealand (MARB404/604)*
 Specialty Seminars (MARB 481 and MARB 482)
 Air Breathing Marine Vertebrate Research Techniques (MARB 605)*
 Marine Mammals, Seabirds, Sea Turtles,
 and Cultural Awareness in Greece (MARB 489/689)*

* Indicates a new course developed

Courses without numbers were taught before coming to Texas A&M

Teaching-Related Activities

I initiated and run the Marine Mammal Behavioral Ecology Group's internship program for bringing students to our labs for one semester, from anywhere in the world. We have hosted over 150 such interns since 1990, and one dozen of these have come back to do graduate studies at Texas A&M University. One former intern (Dr. Gwenael Beauplet from France) was recently a Texas Institute of Oceanography post-doc in my lab. Dr. Giovanni Bearzi was a visiting scientist in my lab, 2011–2012.

I initiated and wrote the course description for the MARB 484 “externship” variable-credit course that formalizes TAMUG students obtaining internship education elsewhere, with joint mentorship of an external and TAMUG-based advisor. This course has been used especially successful with students gaining experience at UTMB, Moody Gardens, Sea World San Antonio, but also elsewhere.

Several “popular press” articles, three books, and two movies are especially-pertinent (“user-friendly”) teaching tools for undergraduate students. These are:

Popular articles used as teaching tools, in the past or presently (of a total of 45)

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| 1979 | Würsig, B. Dolphins. <i>Scientific American</i> 240(3):136–148. |
| 1979 | Würsig, B. Have we overestimated dolphin intelligence? <i>Second Look</i> 2(2):13–15. |
| 1979 | Würsig, B. and M. Würsig. Day and the night of the dolphin. <i>Natural History</i> 88(3):60–67. |
| 1984 | Würsig, B. A dolphin's day: Moods of the dusky dolphin. pp. 194–195. <i>In: The Encyclopedia of Mammals</i> , D. Macdonald (ed). Equinox–Oxford Ltd., London. 895 pp. |

- 1984 Würsig, B. and R.S. Wells. Sleek spinners: School life of the spinner dolphin. pp. 40–41. *In: All The World's Animals: Sea Mammals*, D. Macdonald, (ed). Torstar Books, N.Y. 159 pp.
- 1986 Würsig, B. Leviathans of the Oceans: The Ecology of Whales. pp. 112–113. *In: The Collins Encyclopedia of Animal Ecology*, P. Moore (ed). Collins Press, London.
- 1988 Würsig, B. The behavior of baleen whales. *Scientific American* 256(4):102–107.
- 1989 Würsig, B. Das Gelage der Schwartzedelphine. *Das Tier* 1989(1):25.
- 1989 Würsig, B. Ein Schwertwal griff mich an. *Das Tier* 1989(3):24.
- 1989 Würsig, B., M. Würsig, and F. Cipriano. Dolphins in different worlds. *Oceanus* 32(1):71–75.
- 1989 Würsig, B. Dolphin foraging, group structure and habitat relationships. *Current, J. of Marine Education* 8(4):10–11.
- 1989 Würsig, B. and B. Tershy. The Baiji: Perhaps the most endangered of them all. *Whalewatcher* 23(3):3–5.
- 1989 Würsig, B. Dolphins in Danger, pp. 127–133. *In: The Worlds Whales: A Closer Look*, Cherryl Taylor (ed). ACS Special Publ., American Cetacean Society, P.O. Box 2639 San Pedro, CA 90731.
- 1990 Würsig, B. Whales should stay alive. *Asia Technology*, July Issue:54.
- 1991 Würsig, B. and T. Henningsen. The bottlenose dolphins of Galveston shores. *Galveston Bay Soundings* 3: 1–3.
- 1991 Würsig, B. Cooperative foraging strategies: An essay on dolphins and us. *Whalewatcher* 25: 3–6.
- 1991 Würsig, B. Bowheads. *In: The European Cetacean Society News*, ed. by P.G.H. Evans, M. Addink and J. Bakker, 12:2–5.
- 1991 Würsig, B. Dolphins. *In: The European Cetacean Society News*, ed. by P.G.H. Evans, M. Addink and J. Bakker, 11:5–7.
- 1992 Würsig, B. Research on bottlenose dolphins in Patagonia, *In: Tracks in the Sand; Shadows on the Sea*, ed. by A. Lichter. Gaglianoni Press, Buenos Aires, Argentina.
- 1992 Würsig, B. *Foreword* to the book *Delphingeschichten*, by R. Breier and Jörg Reiter - Kiepenheuer and Witsch Press, Köln, Germany.
- 1992 Würsig, B. Dusky dolphins of Golfo San José, Argentina, *In: Tracks in the Sand; Shadows on the Sea*, ed. by A. Lichter. Gaglianoni Press, Buenos Aires, Argentina.
- 1992 Würsig, B. *Foreword* to the book *Tracks in the Sand; Shadows on the Sea*, ed. by A. Lichter. Gaglianoni Press, Buenos Aires, Argentina.
- 1993 Fertl, D. and B. Würsig. Shrimp boats: A Galveston dolphin's smorgasbord. *Galveston Bay Foundation Soundings*. 5(2):10–12.
- 1994 Würsig, B. (Descriptions of:) Blue Whale; Gray Whale; Humpback Whale (In appropriate sections of:) *The World Book Encyclopedia*. S. Fetzer Publ. Co., Chicago, Ill.
- 1994 Würsig, B. Marine mammal research: Maturity and responsibility. *The Pilot, the Journal of the International Union for the Conservation of Nature and Natural Resources*, 10:13–15.

- 1995 Würsig, B. (Descriptions of:) Bowhead Whale; Bryde's Whale, Fin Whale, Minke Whale, Sei Whale; Sperm Whale; The Whale (In appropriate sections of:) The World Book Encyclopedia. S. Fetzner Publ. Co., Chicago, Ill.
- 1995 Würsig, B. (Articles on:) Whales; Problems of Odontocete Cetaceans (In appropriate sections of:) Encyclopedia of Conservation and Environmentalism (Ed. by R. Paehlke), Garland Publ. New York.
- 1995 Würsig, B. Realm of Dolphins. *In: Whales, Dolphins, and Porpoises*, by J. Darling, C. Nicklin, K.S. Norris, H. Whitehead, and B. Würsig. Nat. Geog. Soc. Press, Washington, D.C. 232 pp.
- 1995 Darling, J., C. Nicklin, K.S. Norris, H. Whitehead, and B. Würsig. Whales, Dolphins, and Porpoises, Nat. Geog. Soc. Press, Washington, D.C. 232 pp. [Book]
- 1996 Würsig, B. Humpback dolphins at risk in industrial Hong Kong waters. *Upwellings, the Journal of the Pacific Cetacean Group*. pp 3 and 8.
- 1996 Würsig, B. Swim-with-dolphin activities in nature: Weighing the pros and cons. *Whalewatcher, the Journal of the American Cetacean Society* 30:11–15.
- 1998 Würsig, B. and R.R. Reeves. Dolphin ecology in the Peruvian Amazon. *Whale, the Journal of the Oceanic Society*. Winter, pp. 4–9.
- 1999 Würsig, B. and S. Leatherwood. The Up The Creek Award: The making of an Aggie tradition. *Whalewatcher, the Journal of the American Cetacean Society*. 32(1):31–32.
- 1999 Würsig, B. Whale. Entry for 1999 World Book Encyclopedia, World Book Press, Chicago, Ill.
- 1999 Würsig, B. How Ken got the woof and we got the wuzzle. *Marine Mammal Science*.15:933–934.
- 2000 Würsig, B. Spinners in paradise: Sleepy dolphins and pesky people. *Hawaii: The Ecotraveller's Wildlife Guide*, Ed. by Les Beletsky. Academic Press, San Diego, CA.
- 2000 Würsig, B. Leviathan love. *The Smile of the Dolphin*, Ed. by M. Bekoff. Discovery Books, New York.
- 2000 Würsig, B. In a party mood. *The Smile of a Dolphin*, Ed. by M. Bekoff. Discovery Books, New York.
- 2002 Würsig, B. Reflections. *The Dolphin Gazette, Newsletter of the Dolphin Communication project*, ed. By K. Dudzinski. Mystic Aquarium, New Haven, Conn. 6:2.

(Popular articles after 2002 not listed)

Books used as teaching tools (of a total of 7)

- 1995 Darling, J., C. Nicklin, K.S. Norris, H. Whitehead, and B. Würsig. Whales, Dolphins, and Porpoises, Nat. Geog. Soc. Press, Washington, D.C. 232 pp.
- 2000 Würsig, B., T.A. Jefferson and D.J. Schmidly. *The Marine Mammals of the Gulf of Mexico*, Texas A&M University Press, College Station, TX. 232 pp.
- 2002 Perrin, W.F., B. Würsig, and J.G.M. Thewissen. *The Encyclopedia of Marine Mammals*, Academic Press, San Diego, CA. 1414 pp.
- 2009 (Second edition of the above)

Movies used as teaching tools (of a total of 14)

- 1993 Dolphin Stories, a 7-part miniseries (originally aired on German television, but re-broadcast in >30 countries and in three languages, German, English, and Spanish; senior-advised and narrated in the 3 languages by B. Würsig). Produced by “Gruppe 5”, Frankfurt, Germany.
- 2000 Dolphins [Shown in 160 IMAX theaters worldwide, 2000 to present; DVD version adapted for education; senior advisor B. Würsig; (former) grad students Alejandro Acevedo’s and Kathleen Dudzinski’s research followed as a narrative thread]. Directed and filmed by MacGillivrey-Freeman, Laguna Beach, CA.

Graduate education

At this time, 65 students have graduated with advanced degrees with me as major advisor. However, not all of these have been during my tenure at Texas A&M – Many have also graduated from Moss Landing Marine Laboratories (1981–1989) and various other universities where I have held adjunct professorships (University of Kiel, University of Hamburg, University of Bremen, all of Germany; University of Auckland, Canterbury University, both of New Zealand).

RESEARCH

Publications, Peer Reviewed

- 1977 Würsig, B. and M. Würsig. The photographic determination of group size, composition and stability of coastal porpoises, *Tursiops truncatus*. *Science* 198:755–756.
- 1977 Würsig, M., B. Würsig and J.E. Mermoz. Desplazamientos, comportamiento general, y un varamiento de la marsopa espinosa, *Phocoena spinipinnis*, en el Golfo San José (Chubut, Argentina). *Physis* 36:71–79.
- 1978 Würsig, B. Occurrence and group organization of Atlantic bottlenose porpoises (*Tursiops truncatus*) in an Argentine Bay. *Biol. Bull.* 154:348–359.
- 1979 Würsig, B. and M. Würsig. Behavior and ecology of the bottlenose dolphin, *Tursiops truncatus*, in the South Atlantic. *Fish. Bull.* 77(2):399–412.
- 1980 Würsig, B. and M. Würsig. Behavior and ecology of the dusky dolphin, *Lagenorhynchus obscurus*, in the South Atlantic. *Fish Bull.* 77(4):871–890.
- 1982 Würsig, B. Radio tracking dusky porpoise in the South Atlantic. *Mammals in the Seas Vol. 4.FAO Fisheries Series No. 5*:145–160.
- 1983 Norris, K.S., B. Villa–Ramirez, G. Nichols, B. Würsig and K. Miller. Lagoon entrance and other aggregations of gray whales (*Eschrichtius robustus*).pp. 259–293. *In: Communication and Behavior of Whales*, R. Payne (ed). Westview Press, Boulder, Colorado.
- 1983 Würsig, B. The question of dolphin awareness approached through studies in nature. *Cetus* 5(1):4–7.

- 1984 Würsig, B. Aspects of the natural history of bottlenose and dusky dolphins. *Nat. Geog. Soc. Res. Repts.* 16(1975):759–769.
- 1984 Würsig, B., E.M. Dorsey, M.A. Fraker, R.S. Payne, W.J. Richardson and R.S. Wells. Behavior of bowhead whales, *Balaena mysticetus*, summering in the Beaufort Sea: Surfacing, respiration, and dive characteristics. *Can. J. Zool.* 62:1910–1921.
- 1985 Le Boeuf, B.J. and B. Würsig. Beyond bean counting and whale tales. *Mar. Mamm. Science* 1:128–148.
- 1985 Richardson, W.J., M.A. Fraker, B. Würsig, and R.S. Wells. Behavior of bowhead whales *Balaena mysticetus* summering in the Beaufort Sea: Reactions to industrial activities. *Biol. Conserv.* 32:195–230.
- 1985 Würsig, B., E.M. Dorsey, M.A. Fraker, R.S. Payne, and W.J. Richardson. Behavior of bowhead whales, *Balaena mysticetus*, summering in the Beaufort Sea: A description. *Fish. Bull.* 83:357–377.
- 1986 Shane, S.H., R.S. Wells and B. Würsig. Ecology, behavior and social organization of the bottlenose dolphin: A review. *Mar. Mamm. Science* 2:34–63.
- 1986 Würsig, B., R.S. Wells and D.A. Croll. Behavior of gray whales summering near St. Lawrence Island, Bering Sea. *Can. J. Zool.* 64:611–621.
- 1986 Würsig, B. Delphinid foraging strategies. pp. 347–359 *In: Dolphin Cognition and Behavior: A Comparative Approach*, R.J. Schusterman, J.A. Thomas, and F.G. Wood (eds.). Lawrence Erlbaum Publishers, Hillsdale, N.J.
- 1986 Richardson, W.J., B. Würsig and C.R. Greene, Jr. Reactions of bowhead whales, *Balaena mysticetus*, to seismic exploration in the Canadian Beaufort Sea. *J. Acoust. Soc. Am.* 79:1117–1128.
- 1986 Croll, D.A., L.T. Ballance, B.G. Würsig and W.B. Tyler. Movements and daily activity patterns of a brown pelican in central California. *The Condor* 88:258–260.
- 1986 Würsig, B., E.M. Dorsey, M.A. Fraker, R.S. Payne and W.J. Richardson. Behavior of bowhead whales, *Balaena mysticetus*, summering in the Beaufort Sea: A summary. *In: Behavior of Whales in Relation to Management*, G.P. Donovan (ed). Reports of the International Whaling Commission; Special Issue 8:167–175.
- 1986 Würsig, B. and R. Bastida. Long-range movement and individual associations of two dusky dolphins (*Lagenorhynchus obscurus*) off Argentina. *J. Mamm.* 67:773–774.
- 1986 Würsig, B. and G. Silber. The perils of cryptozoology and a new classification. *Cryptozoology* 5:117–120.
- 1988 Ljungblad, D.K., B. Würsig, S.L. Swartz and J.M. Keene. Observations on the behavioral responses of bowhead whales (*Balaena mysticetus*) to active geophysical vessels in the Alaskan Beaufort Sea. *Arctic* 41:183–194.
- 1988 Malme, C.E., B. Würsig, J.E. Bird, and P. Tyack. Observations of feeding gray whale responses to controlled industrial noise exposure. pp. 55–73. *In: Port and Ocean Engineering Under Arctic Conditions, Vol. II*, W.M. Sackinger and M.O. Jeffries, (eds.). The Geophysical Institute, Univ. of Alaska, Fairbanks.

- 1989 Würsig, B., E.M. Dorsey, W.J. Richardson and R.S. Wells. Feeding, aerial, and play behavior of the bowhead whale, *Balaena mysticetus*, summering in the Beaufort Sea. *Aquatic Mammals* 15:27–37.
- 1989 Würsig, B. Cetaceans. *Am. Assoc. for the Adv. of Science, Science*, 244:1550–1557.
- 1989 Dorsey, E.M., W.J. Richardson and B. Würsig. Factors affecting surfacing, respiration, and dive behavior of bowhead whales, *Balaena mysticetus*, summering in the Beaufort Sea. *Can. J. Zool.* 67:1801–1815.
- 1990 Würsig, B. and G. Harris. Site and association fidelity in bottlenose dolphins off Argentina. pp. 361–365. *In: The Bottlenose Dolphin*, S. Leatherwood and R. R. Reeves (eds). Academic Press, San Diego, CA.
- 1990 Richardson, W.J., B. Würsig and C.R. Greene, Jr. Reactions of bowhead whales, *Balaena mysticetus*, to drilling and dredging noise in the Canadian Beaufort Sea. *Marine Environ. Res.* 29:135–160.
- 1990 Würsig, B. and T.A. Jefferson. Methods of photo-identification for small cetaceans. *In: Individual Recognition of Cetaceans: Use of Photo-Identification and Other Techniques to Estimate Population Parameters*, P.S. Hammond, S.A. Mizroch, and G.P. Donovan (eds). Reports of the International Whaling Commission; Special Issue 12:43–52.
- 1990 Würsig, B. Cetaceans and oil: ecologic perspectives. pp. 129–165. *In: Sea mammals and Oil: Confronting the Risks*. J.R. Geraci and D.J. St. Aubin (eds). Academic Press, N.Y.
- 1990 Würsig, B., T.R. Kieckhefer and T.A. Jefferson. Visual displays for communication in cetaceans. pp. 545–559. *In: Sensory Abilities of Cetaceans*, J. Thomas and R. Kastelein (eds). Plenum Press, N.Y.
- 1991 Würsig, B., F. Cipriano and M. Würsig. Dolphin movement patterns: Information from radio and theodolite-tracking studies. *In: Dolphin Societies: Discoveries and Puzzles*, K. Pryor and K.S. Norris (eds). Univ. of Calif. Press, Berkeley, CA.
- 1991 Acevedo, A. and B. Würsig. Preliminary observations on bottlenose dolphins, *Tursiops truncatus*, at Isla del Coco, Costa Rica. *Aquatic Mammals* 17:148–151.
- 1991 Würsig, B. Advice to dolphins: Avoid the nets and PCB's underwater, and don't breathe the air. *Proceedings of the 1991 European Society Conference*. Cambridge Univ. Press, Cambridge, England. pp. 7–11.
- 1991 Henningsen, T. and B. Würsig. Bottlenose dolphins in Galveston Bay, Texas: Numbers and activities. *Proceedings of the 1991 European Cetacean Society Conference*. Cambridge Univ. Press, Cambridge, England. pp. 36–38.
- 1992 Henningsen, T. and B. Würsig. Interactions between humans and dolphins in Galveston Bay, Texas. *Proceedings of the symposium Whales: Biology, Threats and Conservation*, Brussels, 5–7 June 1991. Ed. by J.J. Symoens, Royal Academy of Overseas Sciences, Brussels. pp. 135–140.
- 1992 Jefferson, T. A., B. Würsig, and D. Fertl. Cetacean detection and responses to fishing gear. *Marine Mammal Sensory Systems*. Ed. by J.A. Thomas, R.A. Kastelein, and A. Y. Supin. Plenum Press, N.Y.

- 1993 Würsig, B. and C.W. Clark. Behavior of bowhead whales. *In: The Bowhead Whale*, J. Burns, J. Montague and C. Cowles (eds). Allen Press, Lawrence, Kansas.
- 1993 Würsig, B., J. Guerrero and G. Silber. Social and sexual behavior of bowhead whales in fall in the western arctic: A re-examination of seasonal trends. *Marine Mammal Science* 9:103–110.
- 1994 Norris, K.S., B. Würsig, R. Wells, and M. Würsig, eds. *The Hawaiian Spinner Dolphin*. University of California Press, Berkeley, CA. 408 pp. [Book]
- 1994 Norris, K.S., B. Würsig, and R.S. Wells. The spinner dolphin. *In: The Hawaiian Spinner Dolphin*, K.S. Norris *et al.* (eds). University of California Press, Berkeley, CA.
- 1994 Würsig, B., R.S. Wells, K.S. Norris and M. Würsig. A spinner dolphin's day. *In: The Hawaiian Spinner Dolphin*, K.S. Norris *et al.* (eds). University of California Press, Berkeley, CA.
- 1994 Norris, K.S., B. Würsig, and R.S. Wells. Aerial Behavior. *In: The Hawaiian Spinner Dolphin*, K.S. Norris *et al.* (eds). University of California Press, Berkeley, CA.
- 1994 Würsig, B., R.S. Wells, M. Würsig and K.S. Norris. Population structure. *In: The Hawaiian Spinner Dolphin*, K.S. Norris *et al.* (eds). University of California Press, Berkeley, CA.
- 1994 Bowles, A.E., M. Smultea, B. Würsig, D.P. De Master, and D. Palka. Relative abundance and behavior of marine mammals exposed to transmissions from the Heard Island Feasibility Test. *J. of Acoust. Soc. Amer. (JASA)* 96:2469–2484.
- 1994 Bräger, S., B. Würsig, A. Acevedo, and T. Henningsen. Association patterns of bottlenose dolphins (*Tursiops truncatus*) in Galveston Bay, Texas. *J. Mammal.* 75:431–437.
- 1995 Würsig, B. Small cetaceans and humans: A perspective of world problems. Reviewed proceedings of the symposium Delfines y Otras Mamíferos Acuáticos de Venezuela: Una Política Para Su Conservación. FUDECI, Caracas, Venezuela.
- 1995 Fertl, D. and B. Würsig. Coordinated feeding by Atlantic spotted dolphins (*Stenella frontalis*) in the Gulf of Mexico. *Aquatic Mammals* 21:3–5.
- 1995 Wang Ding, B. Würsig, and W. Evans. Comparisons of whistles among seven odontocete species. *In: Sensory Systems of Aquatic Mammals*, R.A. Kastelein, J.A. Thomas and P.E. Nachtigall (eds). De Spil Press, Woerden, The Netherlands.
- 1995 Wang Ding, B. Würsig, and W.E. Evans. Whistles of bottlenose dolphins: comparisons among populations. *Aquatic Mammals* 21:65–77.
- 1995 Smultea, M. and B. Würsig. Bottlenose dolphin reactions to the Mega Borg oil spill. *Aquatic Mammals* 21:171–181.
- 1995 Richardson, W.J. and B. Würsig. Significance of responses and noise impacts. *In: Marine Mammals and Noise*, ed. by W.J. Richardson, C.R. Greene, Jr., C.I. Malme, and D.H. Thomson. Academic Press.
- 1995 Dudzinski, K.M., B. Würsig, and C.W. Clark. A mobile video/acoustic system for synchronous recording of dolphin vocal and behavioral activities. *Aquatic Mammals* 21:187–193.

- 1995 Goodall, R.N.P., B. Würsig, G. Harris, and K.S. Norris. Sightings of Burmeister's porpoise, *Phocoena spinipinnis*, off southern South America. In: Biology of the Phocoenids, A. Bjørge and G.P. Donovan (eds). Int'l Whal. Commn. Press, Special Issue #16.
- 1996 Weller, D., B. Würsig, H. Whitehead, J. Norris, S. Lynn, R. Davis, N. Clauss, P. Brown. Observations of an interaction between sperm whales and short-finned pilot whales in the Gulf of Mexico. *Marine Mammal Science* 12:588–593.
- 1996 Davis, R.W., G. Worthy, B. Würsig, S.K. Lynn, A. Bull, F.L. Townsend, and F.L. Deckert. Diving behavior and at-sea movements of an Atlantic spotted dolphin in the Gulf of Mexico. *Marine Mammal Science* 12:569–581.
- 1996 Zhang Xianfeng, Wang Ding, Yang Jian, Wei Zhuo, Wang Kexiong, and B. Würsig. Study on radio-tracking finless porpoise, *Neophocaena phocaenoides*, on the Yangtze River. *Acta Ecologica Sinica* 16:490–496.
- 1997 Weller, D., V. Cockcroft, B. Würsig, S. Lynn, and D. Fertl. Behavioral responses of bottlenose dolphins to remote biopsy sampling and observations of surgical biopsy wound healing. *Aquatic Mammals* 23:49–58.
- 1997 Würsig, B., F. Cipriano, E. Slooten, R. Constantine, K. Barr and S. Yin. Dusky dolphins (*Lagenorhynchus obscurus*) off New Zealand: Status of present knowledge. *Intl. Whal. Comm. Sci. Reports*, 1996.
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- 2000 Würsig, B., T.A. Jefferson and D.J. Schmidly. The Marine Mammals of the Gulf of Mexico, Texas A&M University Press, College Station, TX. 232 pp.
- 2002 Perrin, W.F., B. Würsig, and J.G.M. Thewissen. The Encyclopedia of Marine Mammals, Academic Press, San Diego, CA. 1414 pp.
- 2009 Perrin, W.F., B. Würsig, and J.G.M. Thewissen. The Encyclopedia of Marine Mammals, Ed. 2. Elsevier/Academic Press, San Diego, CA. 1316 pp.
- 2010 Würsig, B. and M. Würsig. The Dusky Dolphin: Master Acrobat off Different Shores. Academic/Elsevier Press, Amsterdam. 441 pp.

Published Book Reviews

- 1977 Würsig, B. A Natural History of Marine Mammals by V.B. Scheffer. *Quart. Rev. Biol.* 52(3):290-291.
- 1978 Würsig, B. Whales, Dolphins and Porpoises, K.S. Norris (ed). *Quart. Rev. Biol.* 53(3):329.
- 1978 Würsig, B. Functional Anatomy of Marine Mammals, Vol. 3: Cetaceans, R.J. Harrison (ed). *Quart. Rev. Biol.* 53(4):472.

- 1980 Würsig, B. Behavior of Marine Animals. Vol. 3: Cetaceans, H.E. Winn and B.L. Olla (eds). *Quart. Rev. Biol.* 55(1):95.
- 1981 Würsig, B. Cetacean Behavior, L.H. Herman (ed). *Quart. Rev. Biol.* 56(3):361–362.
- 1981 Würsig, B. Conservation and Management of Whales, by K. Radway Allen. *Quart. Rev. Biol.* 56(3):355–356.
- 1981 Würsig, B. A World Guide to Whales, Dolphins, and Porpoises, by Donald S. Heintzelman. *Quart. Rev. Biol.* 56(4):484.
- 1982 Würsig, B. Functional Adaptations of Marine Organisms, F.J. Vernberg and W.B. Vernberg (eds). *Quart. Rev. Biol.* 57(1):73.
- 1982 Würsig, B. Weddell Seal: Consummate Diver, by Gerald Kooyman. *Quart. Rev. Biol.* 57(2):209.
- 1982 Würsig, B. Sea Guide to Whales of the World, by L. Watson. *Quart. Rev. Biol.* 57(3):337.
- 1982 Würsig, B. Handbook of Marine Mammals. Vol. 1: The Walrus, Sea Lions, Fur Seals and Sea Otter. Vol. 2: Seals, S.H. Ridgway and R.J. Harrison (eds). *Quart. Rev. Biol.* 57(4):480–481.
- 1983 Würsig, B. The Ecology of Whales and Dolphins, by D.E. Gaskin. *Quart. Rev. Biol.* 58(3):447.
- 1983 Würsig, B. Seals and Man: A Study of Interactions, by W.N. Bonner. *Quart. Rev. Biol.* 58(3):447–448.
- 1983 Würsig, B. Marine Birds and Mammals of Puget Sound, by T. Angell and K.C. Balcomb. *Quart. Rev. Biol.* 58(4):585–586.
- 1983 Würsig, B. The History of Modern Whaling, by J.N. Tønnessen and A.O. Johnsen. *Quart. Rev. Biol.* 58(4):586.
- 1984 Würsig, B. Whales, Dolphins and Porpoises of the Western North Atlantic: A Guide to Their Identification, by S. Leatherwood, D.K. Caldwell and H.E. Winn. *Quart. Rev. Biol.* 59(3):344.
- 1984 Würsig, B. The Sierra Club Handbook of Whales and Dolphins, by S. Leatherwood and R.R. Reeves. *Quart. Rev. Biol.* 59(3):344–345.
- 1984 Würsig, B. Echolocation in Whales and Dolphins, by P.E. Purves and G.E. Pilleri. *Quart. Rev. Biol.* 59(3):363–364.
- 1985 Würsig, B. Seals of the World, by J.E. King. *Quart. Rev. Biol.* 60(1):95.
- 1985 Würsig, B. The Gray Whale, M.L. Jones, S.L. Swartz and S. Leatherwood (eds). *Quart. Rev. Biol.* 60(4):525.
- 1985 Würsig, B. People of the Ice Whale; Eskimos, White Men, and the Whale, by D. Boeri. *Whalewatcher* 19(4):22–23.
- 1986 Würsig, B. Wings in the Sea: The Humpback Whale, by L. Winn and H. Winn. *Quart. Rev. Biol.* 61(1):121–122.
- 1986 Würsig, B. Handbook of Marine Mammals. Vol. 3: The Sirenians and Baleen Whales. S. Ridgway and R. Harrison (eds). *Quart. Rev. Biol.* 61(3):419.
- 1986 Würsig, B. Fur Seals: Maternal Strategies on Land and at Sea. R.L. Gentry and G.L. Kooyman (eds). *Quart. Rev. Biol.* 61(4):567.
- 1987 Würsig, B. Behavioral biology of killer whales. B.C. Kirkevold and J.S. Lockard (eds.). *Quart. Rev. Biol.* 62(4):565.
- 1988 Würsig, B. Research on Dolphins. M.M. Bryden and R. Harrison (eds.). *Quart. Rev. Biol.* 63(1):105.

- 1988 Würsig, B. The Natural History of Whales and Dolphins, by P.G.H. Evans. *Quart. Rev. Biol.* 63(4):473.
- 1988 Würsig, B. The Sei Whale: Population Biology, Ecology and Management, by J. Horwood. *Quart. Rev. Biol.* 63(4):476.
- 1988 Würsig, B. The Community Ecology of Sea Otters, G.R. Van Blaricom and J.A. Estes (eds.). *Quart. Rev. Biol.* 63(4):479–480.
- 1989 Würsig, B. The Bottlenose Dolphin in the Wild, by S.H. Shane. *Whalewatcher* 23(1):19.
- 1989 Würsig, B. Educational Images Software on Whales, Sharks, Coral Reefs and Ocean Processes. Anonymous. *Quart. Rev. Biol.* 64(1):119.
- 1989 Würsig, B. Behavioral Biology of Killer Whales. B.C. Kirkevoold and J.S. Lockard (eds.). *Amer. Sci.* 77(4):389–390.
- 1990 Würsig, B. Biology and Conservation of the River Dolphins, by W.F. Perrin, R.L. Brownell, Jr., Zhou Kaiya and Lin Jiankang (eds.). *Marine Mammal Science*, 6(2):163–164.
- 1990 Würsig, B. The Bottlenose Dolphin, S. Leatherwood and R.R. Reeves (eds.). *Whalewatcher* 24(2):22–23.
- 1990 Würsig, B. Diverse Divers; Physiology and Behavior, by G.L. Kooyman. *Quart. Rev. Biol.* 65(1):99.
- 1991 Würsig, B. Baiji: The Yangtze River Dolphin and Other Endangered Animals of China, by Zhou Kaiya and Zhang Xingduan. *Whalewatcher* 25:16–17.
- 1995 Würsig, B. Reflections of a Whale Watcher, by M.A. Gilders. *Quart. Rev. Biol.* 70(4):526.
- 1995 Würsig, B. Studies of White Whales and Narwhals in Greenland and Adjacent Waters. Bioscience 39, Danish Polar Center, Copenhagen. *Quart. Rev. Biol.* 70: March '95.
- 1999 Würsig, B. The Emergence of Whales, by J.G.M. Thewissen. *Quart. Rev. Biol.* 74(4):484.
- 2001 Würsig, B. Cetacean Societies: Field Studies of Dolphins and Whales. *Quart. Rev. Biol.* 76(1):95–96.
- 2001 Würsig, B. Conservation and Management of Marine Mammals, ed. by John R. Twiss Jr. and Randall R. Reeves. *Quart. Rev. Biol.* 76(2):248.
- 2001 Würsig, B. Hearing by Whales and Dolphins, ed. by Whitlow W. L. Au, Arthur N. Popper, and Richard R. Fay. *Quart. Rev. Biol.* 76(2):248–249.
- 2001 Würsig, B. The Bottlenose Dolphin: Biology and Conservation. *Quart. Rev. Biol.* 76(3):370.
- 2003 Würsig, B. Whales and Dolphins in Question: The Smithsonian Answer Book. *Quart. Rev. Biol.* 78(1): 110.
- 2005 Würsig, B. Book Rev. of Whales and Dolphins of the World, by M. Simmonds (2004, MIT Univ. Press, Cambridge, MA). *Quart. Rev. Biol.* 80(3):370.
- 2005 Würsig, B. Book Rev. of Non-Invasive Study of Mammalian Populations, by W.E. Evans and A. Yablokov (2004, Pensoft Publ., Bulgaria). *Quart. Rev. Biol.* 80(2):251–252.
- 2006 Würsig, B. Review of: Marine Mammal Research: Conservation Beyond Crisis (Johns Hopkins U. Press, 2005). *Quart. Rev. Biol.* 81:297–298.
- 2006 Würsig, B. Full paper review of: Marine Mammal Research: Conservation Beyond Crisis (Johns Hopkins U. Press, 2005). *Aquatic Mamm.* 32:242–243.
- 2007 Würsig, B. Review of “Whalewatcher: A Global Guide to Watching Whales, Dolphins, and Porpoises in the Wild”, by T. Day. (Firefly Books). *Quart. Rev. Biol.* 82:66.
- 2007 Würsig, B. Review of “Baleen Whales: Mammals of Russia and Adjacent Regions”, by V.E. Sokoov and V.A. Aresen’ev. (Science Publishers). *Quart. Rev. Biol.* 82:66-67.

- 2007 Würsig, B. Review of “The Grandest of Lives: Eye to Eye with Whales”, by D.H. Chadwick (U. of Calif. Press). *Quart. Rev. Biol.* 82:67-68.
- 2007 Würsig, B. Review of “Top Predators in Marine Ecosystems: Their Role in Monitoring and Management”, ed. By I.L. Boyd, S. Wanless, and C.J. Camphuysen. (Cambridge U. Press). *Quart. Rev. Biol.* 82:164-165.
- 2007 Würsig, B. Review of “The Urban Whale: North Atlantic Right Whales at the Crossroads”, ed. By S.D. Kraus and R.M. Rolland (Cambridge U. Press). *Quart. Rev. Biol.* 82:291-292.
- 2007 Würsig, B. Review of “Whales, Whaling, and Ocean Ecosystems”, ed. by J.A. Estes, D.P. DeMaster, D.F. Doak, T.M. Williams, and R.L. Brownell, Jr. (U. of Calif. Press). *Quart. Rev. Biol.* 82:292.
- 2008 Würsig, B. Review of “Reproductive Biology and Phylogeny of Cetacea: Whales, Dolphins, and Porpoises” by D.L. Miller. (Enfield Science Publishers). *Quart. Rev. Biol.* 83:131-132.
- 2013 Würsig, B. Review of “Return to the Sea: The Life and Evolutionary Times of Marine Mammals”, by Annalisa Berta. (U. of Calif. Press). *Quart. Rev. Biol.* 88:255.
- 2013 Würsig, B. Review of “Whales and Dolphins: Cognition, Culture, Conservation, and Human Perceptions”. (Earthscan Press). *Marine Mammal Science* 29:368-370.

Grants and Contracts (totaling \$9.76 million)

- 1974 Behavior of the dusky dolphin, *Lagenorhynchus obscurus*. Committee for Research and Exploration of National Geographic Society. \$10,600.
- 1975 Behavior of dusky and southern bottlenose dolphins. Committee for Research and Exploration of National Geographic Society. \$6,000.
- 1976 Analysis of the behavior of dusky and southern bottlenose dolphins. Committee for Research and Exploration of National Geographic Society. \$2,500.
- 1978–80 Post-Doctoral Fellowship from National Institutes of Health, Education and Welfare, for work on Hawaiian spinner dolphins. \$38,000.
- 1979–81 Behavior of Hawaiian spinner dolphins. National Marine Fisheries Service and National Science Foundation (K. Norris, P.I., and Würsig post-doc). \$150,000.
- 1980–85 Behavior of bowhead whales in the Canadian Beaufort Sea. Bureau of Land Management and Minerals Management Service. 1982–83 Feeding behavior of gray whales in the northern Bering Sea. Outer Continental Shelf Exploration Assessment Program, NOAA. 1983–85 Migration and feeding behavior of bowhead whales in the Alaskan Beaufort Sea. MMS. About \$200,000.
- 1984 Foraging and social behavior of dusky dolphins in New Zealand. NSF. \$4,000.
- 1984–86 Dolphins habituated to humans. National Geographic Society. \$10,600.
- 1985 Ecology and behavior of gray whales in Bristol Bay, Alaska. NSF. \$60,000.
- 1985–86 Effects of industrial noise on gray whales off St. Lawrence Island, Bering Sea. OCSEAP. \$30,000.
- 1985–87 Foraging ecology of bowhead whales in the U.S. Arctic. MMS. \$45,000.
- 1986 Foraging strategies of dusky dolphins, New York Zoological Society. \$6,000.

- 1986–88 Foraging behavior and ecology of dusky dolphins in New Zealand, Center for Field Research and the National Geographic Society. \$45,000.
- 1987 Travel award to investigate Baiji, the Chinese River Dolphin. U.S. Marine Mammal Commission. \$4,000.
- 1988 Migration of bowhead whales in the Beaufort Sea, Amoco. \$75,000.
- 1989 Ecological studies of Baiji, the Chinese river dolphin. World Wide Fund for Nature, Switzerland, and U.S. Marine Mammal Commission. \$27,000.
- 1989 Behavior studies of bowhead and white whales. MMS. \$20,000.
- 1989 Migration of bowhead whales in the Beaufort Sea, Purdue University. \$6,000.
- 1990 Low Level Monitoring of Stocks of Bottlenose Dolphins in the Gulf of Mexico, Nat. Mar. Fish. Serv. \$95,000.
- 1990 Reactions of marine mammals to oil, Nat. Mar. Fish. Serv. \$10,000.
- 1990 Bottlenose dolphins as environmental monitors, Phase 1. \$3,542.
- 1990 Conservation of Chinese river dolphins, World Wide Fund for Nature. \$7,500.
- 1990 Marine mammal monitoring, Heard Island, Office of Naval Research. \$49,901.
- 1991 Bottlenose dolphin acoustics in relation to habitat, World Wide Fund for Nature. \$12,000.
- 1991 Assessment of the marine mammals of the Gulf of Mexico, Minerals Management Service. \$3,100,000 (with R. Davis, program head, and others).
- 1991 Bottlenose dolphins of Costa Rica. Center for Field Research. \$62,000.
- 1991 Bottlenose dolphins as environmental monitors. REP funding. \$3,200.
- 1992 Spotted dolphins of the Bahamas (with K. Dudzinski). National Geographic Society. \$15,000.
- 1992 Bottlenose dolphins as environmental monitors: Matagorda Bay. NMFS–SEFC. \$45,001.
- 1992 Low level monitoring of stocks of bottlenose dolphins in the Gulf of Mexico, Phase II. National Marine Fisheries Service. \$67,000.
- 1993 Bottlenose dolphins as environmental monitors: Genetic analyses. Marine Mammal Commission \$5,000.
- 1993 Bottlenose dolphins as environmental monitors: Interface with toxicological studies. Texas Sea Grant. \$165,000.
- 1993 Hawaiian spinner dolphins: Effects of human disturbance. Hawaii Sea Grant and Texas Sea Grant \$40,000. Waikoloa Marine Life Fund. \$12,000.
- 1993 Dusky dolphins of New Zealand: Effects of human disturbance. Center for Field Research. \$37,000. New Zealand Department of Conservation. \$7,500. Greenpeace Germany. \$5,000.
- 1993 Radio tracking of *Neophocaena phocaenoides* in the Yangtze River, China. Chinese Academy of Sciences. \$4,200.
- 1994 Dusky dolphins of New Zealand: Effects of human disturbance. Texas A&M University Faculty Development Leave Funds. \$40,000. College of Geosciences and Maritime Studies. \$10,103.
- 1994–95 Behavior of humpback whales relative to low frequency anthropogenic sounds. \$120,000. Advanced Research Program, ONR.
- 1995 Laser beam range finding for marine mammals. PUF Funds. \$3200.
- 1995 Automatic image recognition system for dolphins and whales (Co-PI with P. Levin and W.E. Evans). ARP Funds. \$80,000.

- 1995–96 Acoustic behavior of dusky dolphins. Center for Field Research. \$25,000.
- 1995 Habitat use patterns of bottlenose dolphins in the western and southern Gulf of Mexico. International Res. Travel Grant. \$979.00.
- 1996–99 Cetaceans of the northern Gulf of Mexico (Co-PI with a cadre of researchers). National Biological Service. \$2,600,000.
- 1996–98 Low-level monitoring of bottlenose dolphins in the San Luis Pass area, Texas. NMFS. \$19,070.
- 1996–98 Behavioral ecology of bottlenose dolphins in Texas bays. NMFS. \$23,170.
- 1996 A computer-interfaced digital theodolite tracking system. PUF Funds. \$8,760.
- 1996 Acoustic enhancement of nets to avoid dolphin entanglements. REP Funds. \$2,400. Fishing Tournament Funds. \$4,800.
- 1997–98 Genetic and photo-ID determined population discreteness of dusky dolphins in New Zealand. Center for Field Research. \$90,000.
- 1997–2000 Feature extraction for dolphin identification: Automated database indexing using field photographs. NSF. Würsig, P.I. with Gil Hilman, UTMB; and Nasser Kehtarnavaz, TAMU, total grant: \$501,000. Würsig portion: \$147,000.
- 1997–98 Gray whales summering off Sakhalin Island, Far East Russia: A research, monitoring, and mitigation program relative to oil and gas development activities. Exxon Neftegas and Sakhalin Energy, Ltd. \$283,000.
- 1997–98 Genetic analysis of New Zealand dusky dolphin population structure. Texas State Interdisciplinary Research Award (with Drs. James Derr, Vet. Pathobiology and Rodney Honeycutt, Wildlife and Fisheries Sciences, TAMU). \$24,700.
- 1998–99 Genetic studies and photographic identification for describing dusky dolphin population structure. National Geographic Society (directly to the New Zealand Dusky Dolphin Research Project, Kaikoura, New Zealand). \$17,600.
- 1998–99 Genetic studies and photographic identification for describing dusky dolphin population structure, Phase II. National Geographic Society (directly to the New Zealand Dusky Dolphin Research Project, Kaikoura, New Zealand). \$17,499.
- 1998–99 Gray whales summering off Sakhalin Island, Far East Russia: A research, monitoring, and mitigation program relative to oil and gas development activities. Phase II. Exxon Neftegas and Sakhalin Energy, Ltd. \$350,000.
- 1998–99 Benefits of and mechanisms for increasing feeding group size in dusky dolphins. Grant by MacGillivray Freeman Films. \$22,000.
- 1999–2000 Gray whales summering off Sakhalin Island, Far East Russia: A research, monitoring, and mitigation program relative to oil and gas development activities. Phase III. Sakhalin Energy, Ltd. \$150,000.
- 1999–2000 Estimates of population size and genetic diversity of bowhead whales summering in the Shantar Island region of the Okhotsk Sea, Far East Russia. Travel grant from North Slope Borough, \$9,600. Matching funds from NMFS-SWFSC, \$12,000. North Slope Borough, \$26,000.
- 2000–2003 Feature extraction for dolphin identification: Automated database indexing using field photographs. NSF, Phase II. Würsig, P.I. with Gil Hilman, UTMB; and Nasser Kehtarnavaz, TAMU, total grant: \$550,000.

- 2001–2003 Gray whales summering off Sakhalin Island, Far East Russia: A research, monitoring, and mitigation program relative to oil and gas development activities. Phase IV. EXXON/Mobil and Sakhalin Energy, Ltd. \$100,000.
- 2001–2003 Dusky dolphin foraging and social strategies. Senior Fulbright Fellowship, also funded by New Zealand Department of Conservation, Marlborough District Council, and Faculty Research Initiative, Texas A&M University. \$75,000.
- 2002–2005 Mesoscale habitat use and behavior of sperm whales in the Gulf of Mexico, with Nathalie Jaquet and Jonathan Gordon. National Fish and Wildlife Foundation, International Association of Petroleum Contractors, and U.S. Minerals Management Service. Total \$350,000.
- 2002–2005 Dusky dolphin foraging and social strategies, deep and shallow water habitats compared. Contracts and grants from New Zealand Department of Conservation, Marlborough District Council, and Earthwatch Institute. Total about \$75,000.
- 2003–2004 Use and adaptation of the computer program Finscan for Steller sea lion and other pinniped flipper recognition from photographs, with Gil Hillman. Alaska Sea Life Center, \$50,000.
- 2004–2005 Development of a computer-based recognition system for saddle patches of killer whales, with Gil Hillman. Alaska Sea Life Center, \$100,000.
- 2006–2007 Foraging and social aspects of dusky dolphins. National Geographic Society, Committee for Research and Exploration, \$25,000.
- 2007–2011 Sound tracking of whales and dolphins in the northeastern Gulf of Mexico. NSF/Southern Florida University, with David Mann, \$250,000.
- 2010–2011 Dusky dolphin partial migration between disparate habitats. National Geographic Society, Committee for Research and Exploration, \$22,000.
- 2011 Development of a mobile dolphin click tracking system, TAMUG and Michiel Schotten, Texas A&M Galveston Research Funds, \$60,000.
- 2011 Support of click tracking system, Texas A&M Galveston Research Funds, \$10,000.
- 2012 Chair Funds, Texas A&M University. \$50,000.
- 2013 Chair Funds, Texas A&M University. \$30,000.
- 2013 University Distinguished Professor Funds. \$5,000.

SERVICE

Committees (dates not shown due to repeated service on many)

- Graduate Instruction Committee (WFSC and MARB)
- Computer Committee
- Student Affairs Committee
- Research Advisory Council
- Promotion and Tenure Committees (various; perhaps ten at Texas A&M)
- Selection committees for student and other awards (various)
- Search Committees (For the hired professors – Randall Davis, Graham Worthy, Jaime Alvarado, Jay Rooker, Antonietta Quigg, Christopher Marshall)

Curatorship

The Kenneth S. Norris Memorial Library and its affiliated holdings, now >30,000 marine mammal research papers and articles, as hard copies and pdf files, with Endnote™ bibliographic access

Environmental Court Hearings, Expert Science Witness

Environmental Court of Hong Kong, witness reports, declarations, and hearings, various times in 1996–1998, High Court, Hong Kong (Hong Kong Government vs. Provisional Airport Authority to build new Hong Kong airport, Chek Lap Kok)

Environmental Court of New Zealand, witness reports, declarations, and hearings, April 2004 and April 2006, High Court, Blenheim, New Zealand (Marlborough District Council and Department of Conservation vs. mussel farm interests)

University Administration

Director of the Marine Mammal Research Program, 1989-2009. The Program was re-named the Marine Mammal Behavioral Ecology Lab in 2009. This work involves informational meetings, informal (and, at times, formal) seminars, and research coordination among several marine mammal oriented faculty, at College Station and in Galveston

Director of the Institute of Marine Life Sciences, 1996–2012. Minor administration of facilities, personnel, and research-enhancement activities of largely Marine Biology faculty members

Inaugural Chair of the Marine Biology Graduate Program, July 2008–December 2010. This work kept me extremely busy for 2.5 years, and reduced some research involvement.

Community and Professional Memberships and Offices Held

American Association for the Advancement of Science, Member since 1972.

American Behavior Society, Member since 1972.

American Society of Mammalogists, Member since 1976.

American Museum of Natural History, Associate Member since 1976.

Explorers' Club, Fellow since 1980.

New York Academy of Sciences, Member since 1980.

Sociedad Mexicana Para el Estudio de los Mamíferos Marinos, Member since 1982.

Equinox-Oxford Scientific Press - North American Marine Mammal Topics Editor, 1983–1984.

Society for Marine Mammalogy, Associate Member since 1983, President-elect 1990–1992, President 1992–1994.

California Marine Mammal Stranding Network, Local Representative, 1983–1989.

Torstar Books' All the World's Animals: Sea Mammals, Advisory Editor 1983–1984.

International Society of Cryptozoology, Member since 1984, Editorial Board since 1986.
California Sea Grant College Program: Ocean Education for the Public, Local Coordinator, 1985–1989.
Fundacion Vida Silvestre Argentina, Member since 1986.
Dolphin Project, Oceanic Society Expeditions. Scientific Advisory Committee Member since 1988.
Fundacion Equatoriana para el estudio de Mamiferos Marinos, Member since 1990.
American Cetacean Society, Scientific Advisory Board since 1990.
Cetacean Specialist Group of the Species Survival Commission, International Union for the Conservation of Nature and Natural Resources, Advisory Panel since 1990.
Atlantic Marine Mammal Scientific Review Group, NMFS, Member, 1994–1995.
Cethus, Argentina, Member since 1995.
Whale, The Journal of the Oceanic Society, Co-Editor with R.R. Reeves, 1997–1999.
The Artist Boat, a teaching organization based in Galveston, Founding member and advisor, 2000–2002.

Other Service-Related Pursuits:

Carves marine mammal statuettes in wood or wood-bark, and gives these to colleagues and particularly hard-working students.

As a minister, has performed 17 weddings for students and colleagues since 1983.

Is the convener of the annual “Bernd Würsig Up-The-Creek Award”, given to a graduate student or professor (chosen by colleagues in secret ballot) who is having some difficult times in their research and needs a figurative and literal paddle to help them through the rough spot.

Is Grand Master of the Sockrifice Ceremony that has undergrad, grad, and post-grad researchers ritually burning (carried out very safely!) their most used pair of field socks during the second-in-a-year Friday the 13th, which only comes once per several years.

The above activities break up the day-to-day seriousness, and help to keep us spirited, united, and – above all – smiling while learning.