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ROBIN M. OVERSTREET

*Professor, Department of Coastal Sciences
Gulf Coast Research Laboratory
The University of Southern Mississippi
703 East Beach Drive
Ocean Springs, MS 39564
(228) 872-4243 (Office)/(228) 282-4828 (cell)/(228) 872-4204 (Fax)
E-mail: robin.overstreet@usm.edu*

*Home: 13821 Paraiso Road
Ocean Springs, MS 39564
(228) 875-7912 (Home)*

1 June 1939

Eugene, Oregon

Married: Kim B. Overstreet (1964); children: Brian R. (1970) and Eric T. (1973)

Education:

BA, General Biology, University of Oregon, Eugene, OR, 1963

*MS, Marine Biology, University of Miami, Institute of Marine Sciences,
Miami, FL, 1966*

*PhD, Marine Biology, University of Miami, Institute of Marine Sciences,
Miami, FL, 1968*

*NIH Postdoctoral Fellow in Parasitology, Tulane Medical School, New
Orleans, LA, 1968-1969*

Professional Experience:

*Gulf Coast Research Laboratory, Parasitologist, 1969-1970; Head, Section
of Parasitology, 1970-1992; Senior Research Scientist-Biologist,
1992-1998; Professor of Coastal Sciences at The University of
Southern Mississippi, 1998-Present.*

*The University of Southern Mississippi, Adjunct Member of Graduate
Faculty, Department of Biological Sciences, 1970-1999; Adjunct*

Member of Graduate Faculty, Center for Marine Science, 1992-1998; Professor of Coastal Sciences, 1998-Present (GCRL became part of USM).

University of Mississippi, Adjunct Assistant Professor of Biology, 1 July 1971-31 December 1990; Adjunct Professor, 1 January 1991-Present.

Louisiana State University, School of Veterinary Medicine, Affiliate Member of Graduate Faculty, 26 February, 1981-14 January 1987; Adjunct Professor of Aquatic Animal Disease, Associate Member, Department of Veterinary Microbiology and Parasitology, 15 January 1987-20 November 1992.

University of Nebraska, Research Affiliate of the Harold W. Manter Laboratory of the University of Nebraska State Museum, 1982-Present.

University of Queensland, Visiting Professor, Department of Parasitology, 26 January-9 May 1984; 1 October-31 December 1992; 1 February-17 March 1995; and 11 November-17 December 1997.

Auburn University, Adjunct Member of Graduate Faculty, 1987-1991.

University of Alabama at Birmingham, Adjunct Member of Graduate Faculty, Department of Biology, 1990-1995.

Southeastern Louisiana University, Adjunct Member of Institute for Environmental Research, 1991-2004.

University of Connecticut, Reader and Research Director, 1999- 2000.

University of South Alabama, Graduate Faculty (Administrative Appointment), 1999-2004.

Tulane University, Adjunct Member of Graduate Faculty (Department of Ecology and Evolutionary Biology), 2003-2005.

Unidad Mérida, Center for Research and Advanced Studies of the National Polytechnic Institute, Department of Marine Resources (CINVESTAV-IPN), Mérida, Yucatán, México, 2003- 2008, served as an external supervisor for a Ph.D. student

University of Rome "La Sapienza," Visiting Professor, Department of Public Health Science, Rome, Italy 18 September-13 October 2007.

University of Louisiana, Lafayette, Adjunct Member of Graduate Faculty, Department of Biology, 2009-

Military Service: United States Navy, 1956-1962, Active Duty 1957-1959, honorably discharged as Radarman Second Class.

Research Support: Contracts and Grants Awarded:

A Study of the Parasites and Diseases of Fishes, Mollusks, and Crustaceans Utilized in Mariculture. U. S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Pub.L. 88-309, Project No. 2-85-R. 1 July 1969 - 3 September 1972. Principal Investigators Robin Overstreet and David Cook. \$114,845, 75:25 Federal: State.

Parasites, Diseases, and Control of Diseases of Commercially Important Finfishes and Shellfishes from The Northern Gulf of Mexico. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Pub.L. 88-309, Project No. 2-174-R. 1 July 1972 - 30 June 1975. Principal Investigator Robin Overstreet. \$113,056, 75:25 Federal: State.

Parasites of Marine Animals in the Northern Gulf of Mexico. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Mississippi-Alabama Sea Grant Program, Project 08(1). 1 January 1973 - 31 December 1976. Principal Investigator Robin Overstreet. NOAA/Sea Grant \$103,500 plus \$144,902 in kind and State matching.

A Study of the Diseases of Fish of Mariculture Potential: Parasites and Parasite-Borne Diseases of Red Sea Mulletts (Mugilidae). The United States-Israel Binational Science Foundation, BSF Grant No. 94. 1 July 1974 - 30 June 1977. American counterpart (Cooperating Investigator) with Ilan Paperna (Principal Investigator) of The Hebrew University. IL 112,565 (amount unconfirmed).

Parasites of Commercially Important Fishes. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Pub.L. 88-309, Project No. 2-262-R. 1 July 1975 - 30 September 1978. Principal Investigator Robin Overstreet. \$133,390, 75:25 Federal: State.

Gulf Coast Survey of Fish and Shellfish for Parasites Pathogenic to the Human Consumer. Department of Health, Education, and Welfare, Food and Drug Administration. Contract No. 223-76-2141. 30 June 1976 - 29 June 1978. Subcontractor (Robin Overstreet) for Principal Investigator Donald Norris of The University of Southern Mississippi. \$49,000 subcontract of \$95,000 contract.

Handbook of Marine Parasites of the Northern Gulf of Mexico. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Mississippi-Alabama Sea Grant Program. 1 January 1977 - 31 March 1978. Principal Investigator Robin Overstreet. NOAA/Sea Grant \$6,500 plus \$5,212 in kind and State matching.

Pathological Effects of Larval Thynnascaris Nematodes in the Rhesus Monkey (Macaca mulatta). United States Air Force Clinical Investigation No. 866.

17 July 1978 - 1979. Principal Investigator George W. Meyer (U.S. Air Force Medical Center, Keesler Air Force Base and Bethesda Naval Hospital, Bethesda, Maryland) and Associate Investigator Robin Overstreet.

Commercial Fishes of Mississippi: Spawning and Miscellaneous Biological Parameters. U. S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Pub.L. 88-309, Project No. 2-325-R. 1 October 1978 - 31 December 1981. Principal Investigator Robin Overstreet. \$210,760.67, 75:25 Federal: State.

Digenea from Marine Fishes of the Northern Red Sea - Fauna Palestina. Israel Academy of Sciences and Humanities. Principal Investigator Robin Overstreet. Awarded on 12 July 1978 but not funded for lack of funds.

Macroinvertebrate Fauna of Mississippi and Alabama Coasts. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Mississippi-Alabama Sea Grant Program, Project OSG No. 70(10)-MASGC No. E/O-7. 1 January 1980 - 30 June 1982. Principal Investigators Richard Heard and Robin Overstreet. NOAA/Sea Grant \$31,919 plus \$15,951 in kind and State matching.

"Adult Finfishes Sampling Program" of Monitoring and Assessment-Mississippi Coastal Fisheries, U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Pub.L. 88-309, Project No. 2-382-R. 1 February 1982 - 30 September 1982. Director Thomas McIlwain, Project Leader Robin Overstreet. \$67,379 of \$177,704 total, 75:25 Federal: State.

Biochemical, Pharmacological, and Tumorigenic Studies on a Composite of Drinking Water Carcinogens and Mutagens Utilizing Aquatic Animals as a Bioassay Animal. Department of Health and Human Services, National Institutes of Health, National Cancer Institute and U.S. Army Medical Research and Development Command Contract NO1-CP-26008. 30 September 1982 - 29 September 1986. Principal Investigator Robin Overstreet, Co-Principal Investigators William Hawkins and William Walker. Total \$569,884, no matching funds.

Effects of Space Shuttle Launch Byproducts on Fishes. Bionetics Corporation, Kennedy Space Center. 1 October 1982 - 30 September 1983. Principal Investigator William Hawkins, Co-Principal Investigators Robin Overstreet and Mark Provancha. \$3,500, no matching funds.

"Adult Finfishes Sampling Program" of Coastal Fisheries Monitoring and Assessment - Mississippi Coast. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Pub.L. 88-309, Project No. 2-393-R. (NA84WCD01504, NA85WCD06034) 1 October 1982 - 30

September 1985. Director Thomas McIlwain, Project Leader Robin Overstreet. \$216,019 of \$560,000 total, 75:25 Federal: State.

"Finfish Sampling Program (Gill Nets)" of Mississippi Gulf Coast Fisheries Monitoring and Assessment Program. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Pub.L. 88-309, Project No. 2-422-R. 1 October 1985 - 30 September 1987. Director Thomas McIlwain, Project Leader Robin Overstreet. \$159,000 of \$373,352 total, 75:25 Federal: State.

Evaluation of Fish Carcinogenesis Models. Medicine and Biological Science Department, The American Petroleum Institute EH-24(B)-GCR-(579-5). 24 October 1985 - 31 January 1989. Principal Investigator William Hawkins, Co-Principal Investigators Robin Overstreet, William Walker, Thomas Lytle, and Judy Lytle. Total \$185,600, no matching funds.

Biochemical, Pharmacological, and Tumorigenic Studies on a Composite of Drinking Water Carcinogens Using Aquatic Animals as a Bioassay Animal. Department of Health and Human Services, National Institutes of Health, National Cancer Institute. Contract N01-CP-61070. 30 September 1986 - 29 September 1988. Principal Investigator Robin Overstreet, Co-Principal Investigators William Hawkins and William Walker. \$284,000, no matching funds.

U.S. Marine Shrimp Farming Program. U.S. Department of Agriculture, Cooperative State Research Service Grant No. 85-CSRS-22538. 1 January 1985 - 31 December 1987. Robin Overstreet helped plan project but not officially on it until 16 August 1985 and not PI until 1 January 1986. Principal Investigators Robin Overstreet, 1986-87; William Trimble, 1986, Jeffrey Lotz, 1987. Totals \$456,105 (1985), \$484,068 (1986), \$572,691, (1987), no matching funds.

Histopathology of Tags in the Spot and Spotted Seatrout. Mississippi-Alabama Sea Grant College Program. NA85IAA-D-SG005, E/O-16, 1 September 1985 - 30 May 1987. Fellowship for Wolfgang Vogelbein with Robin Overstreet as Principal Investigator/Tutor. Federal award \$10,984 with \$7,305 as GCRL match.

U.S. Marine Shrimp Farming Program. U.S. Department of Agriculture, Cooperative State Research Service Grant No. 88-38808-3319, 1 January 1988 - 31 December 1991. Principal Investigators Robin Overstreet and Jeffrey Lotz. Total \$612,000 for FY1988, total \$687,000 for FY1989, total \$775,261 for FY1990, total \$817,261 for FY1991, no matching funds.

Development of Carcinogenesis Bioassay Models: Response of Small Fish Species to Various Classes of Carcinogens. U.S. Army Medical Research and Development Command. Contract No. DAMD17- 88-C-8050, 9 March 1988 - 8 June 1991. Principal Investigator William Hawkins, Co-Principal Investigators William

Walker, Robin Overstreet, Thomas Lytle, and Judy Lytle. \$613,299, no matching funds.

"Finfish Sampling Program (Gill Nets)" of Mississippi Gulf Coast Fisheries Monitoring and Assessment Program. U.S. Department of Commerce, National Oceanic and Atmospheric Association, National Marine Fisheries Service, Interjurisdictional Fisheries Act Pub. L. 99-659. 1 October 1987 - 30 September 1989. Director Thomas McIlwain, Project Leader Robin Overstreet. \$79,500 of \$180,900 total Federal funds for FY1988 (Grant No. NA88WC-D-IJ119), \$80,000 of total \$180,702 (\$240,936) for FY1989 (Grant No. NA89WC-D-IJ084). 75:25 Federal: State.

Investigations of the Cobia (*Rachycentron canadum*) in Mississippi Marine Waters and Adjacent Gulf Waters. U.S. Department of the Interior, Fish and Wildlife Service. Contract No. MS881027-002, Project No. F-91. 1 December 1988 - 30 November 1991. Principal Investigator Thomas D. McIlwain, Project Leader James S. Franks, Jr., Biologist Robin M. Overstreet. \$382,824 total, 75:25 Federal: State (small portion of funds allotted to Parasitology).

Dose Response Relationships at Low Carcinogen Concentrations in a Small Fish Carcinogenesis Model. U.S. Environmental Protection Agency. Contract No. CR-816007-01-0, 17 August 1990 - 16 August 1996, Principal Investigator William W. Walker, Co-Principal Investigators William E. Hawkins, and Robin M. Overstreet. \$540,000 from EPA, \$150,000 from American Cyanamid Company, \$450,030 State match for total of \$1,140,030.

Dose Response Relationships at Low Carcinogen Concentrations in a Small Fish Carcinogenesis Model. American Cyanamid Company. 1 January 1990 - 31 December 1991. Principal Investigator William W. Walker, Co-Principal Investigators William E. Hawkins, and Robin M. Overstreet. \$150,000.

"Gill Net Sampling Program" of Monitoring and Assessment of Selected Mississippi Marine Resources for FY1990 and "Biology of Select Fishes" for FY1991-1992. U.S. Department of Commerce, National Oceanic and Atmospheric Association, National Marine Fisheries Service, Interjurisdictional Fisheries Act Pub. L. 99-659, Grant No. NA90-AA-D-IJ217. 1 February 1990 - 31 January 1992. Principal Investigators Thomas McIlwain, James Warren, and Robin Overstreet. \$72,500 of \$180,702 Federal award (Total \$240,936) FY1991; \$45,000 of \$185,227 Federal award (Total \$246,970) FY1992 for Parasitology Section. 75:25 Federal: State.

Acute and Life-cycle Toxicity of Bis (Tributyltin) Oxide and Dibutyltin Dichloride to the Sheepshead Minnow (*Cyprinodon variegatus* Lacepede) in a Flow-Through System. EnviroSphere Company (Bellevue, Washington), Contract No. ES-

7339. 1 March 1989 -1 November 1990. Principal Investigator William W. Walker, other key personnel Thomas F. Lytle, William E. Hawkins, and Robin M. Overstreet. Total \$249,976, plus about \$11,500 additional funding to extend project through July 1991, no matching funds.

Proximate, Cholesterol and Fatty Acid Nutritional Content. U. S. Department of Commerce, NOAA, National Marine Fisheries Service, Contract No. 87-WO-022. 1 January 1988 - 31 December 1990. Principal Investigators Julia S. Lytle and Thomas F. Lytle. Total \$317,281. Rearranged and rewarded as No. NA90AA-H-SK836 for period 1 September 1990 -31 August 1991 including total amount for year of \$113,061, with U.S. Share of cost \$79,141. Parasitology Section provided \$2,000 in first part and \$2,000 in last year for collecting some specimens.

U.S. Marine Shrimp Farming Program. U.S. Department of Agriculture. Cooperative State Research Service (CSREES), Grant No. 92-38808-6920, 1 January 1992 - 28 February 1996. Principal Investigators Robin M. Overstreet and Jeffrey Lotz. \$847,761 for FY 1992, \$838,694 for FY 1993, \$630,698 (plus \$157,675 supplement) for 1994, \$738,373 for FY1995, (Grand total \$3,213,201), no matching funds.

Carcinogenicity of Acrylonitrile to the Japanese Medaka (*Oryzias latipes*) Under Flow-Through Conditions. American Cyanamid Company. January 1992 - December 1992. Principal Investigator William W. Walker, Co-Principal Investigators William E. Hawkins, and Robin M. Overstreet. Total \$25,000, no matching funds.

"Biology of Select Fishes" of Monitoring and Assessment of Mississippi's Interjurisdictional Marine Resources. U.S. Department of Commerce, National Oceanic and Atmospheric Association, National Marine Fisheries Service, Interjurisdictional Fisheries Act Pub.L. 99-659, Grant No. NA26F 10085-01. 1 February 1993 - 31 January 1996. Principal Investigators James Warren, and Robin Overstreet. \$26,261 [\$35,014 with match] of \$151,065, Federal award (\$113,299) for FY1993; \$24,654 [32,873] of \$225,667 Federal award (\$169,250) for FY1994; \$22,000 [\$29,333 with GCRL match] of \$100,830 Federal award for FY1995.

Developmental Toxicology in Estuarine Fish: A Tool for Characterizing Pollution Effects. U.S. Environmental Protection Agency. Contract No. CR-820641-01. 1 October 1992 - 30 September 1995, first year \$104,000 Federal, \$31,758 State matching. Principal Investigator William W. Walker, Co-Principal Investigators Kenneth C. Stuck, William E. Hawkins, Robin M. Overstreet, and Thomas F. Lytle. Total \$290,441.

Qualitative Analysis of Parasites in Dolphin Feces Collected from Texas. National Marine Fisheries Service, Southeast Fisheries Center, Miami, Florida. R.O. No. 40GENF200653. Principal Investigator Robin M. Overstreet. Total \$350.00, no matching funds.

Mexican agency. Parasites of Red Grouper Relative to Aquaculture. Joaquim Vargas Vazquez, Frank Moravec, and Robin M. Overstreet. CINVESTAV-IPN Unidad Mérida, Mérida, Yucatán, Mexico. Sub-contract 3,000 pesos for travel. (No official documents received and peso devalued)

Assessment of Shell Disease of Blue Crabs and Parasitic Infections of Fish in Escambia/Pensacola Bays. U.S. Environmental Protection Agency. Order No. 460611NTSE. 16 May 1994 - 31 January 1995. Robin M. Overstreet Principal Investigator and Dawn Rebarchik Co-Principal Investigator. Total \$18,000.00.

Environmental Protection Agency. Gulf of Mexico Program. Evaluation of Biological Indicators for Assessment and Prediction of Adverse Ecological Impacts from Contaminants in Coastal Ecosystems: Parasitological Biomarkers - Swabs, Blood, and Tissue. "Project Coordinator Richard Pierce, Principal Investigators for GCRL William E. Hawkins and Robin M. Overstreet. Project Cooperative Agreement: No. MX994732-95-0. 1 September 1995 - 31 August 1996. Total \$22,000. Federal, \$11,000, GCRL matching, \$11,000. (A separate grant to Hawkins also for \$22,000). National Marine Fisheries Service, Southeast Fisheries Center, Miami, Florida. Histological Preparations and Evaluations of Tagged Captive Red Snapper and Red Drum. Principal Investigator Robin M. Overstreet, No. 40GENF400205. \$2,000, no matching funds.

State of Mississippi, Department of Marine Resources: Tidelands Trust Fund. Gulf Killifish and Tidelands. Principal Investigator Robin M. Overstreet. 1 July 1995 - 28 February 1998. Tidelands Trust Funds \$17,729.

State of Mississippi, Department of Marine Resources: Tidelands Trust Fund. Aquaculture in Fisheries Management: Methods for Assessment and Enhancement of Stocks. Principal Investigators Jeffrey M. Lotz and Robin M. Overstreet. 1 July 1995 - 31 December 1997. Tidelands Trust Funds \$75,000 (FY 1995) and \$85,000 (FY 1996).

State of Mississippi, Department of Marine Resources: Tidelands Trust Fund. Aquaculture in Fisheries Management: Methods for Assessment and Enhancement of Fisheries Stocks. Principal Investigators Jeffrey M. Lotz and Robin M. Overstreet. 1 July 1995 - 31 March 1997. Tidelands Trust Funds \$200,000 (FY 1997)

Studies of Parasites of the Northern Gulf of Mexico Region and Elsewhere throughout the World. GCRL and jointly with other projects. Principal

Investigator Robin M. Overstreet. Continuing from September 1969 -1997. \$400 (1988), \$600 (1989), \$1,200 (plus \$2,000 from NOAA Fatty Acid Project, 1990), \$1,000 (plus \$2,000 from NOAA Fatty Acid Project, 1991), \$1,000 (1992), \$1,000 (1993), \$1,000 (1994), \$1,700 (1995), \$1,000 (1996), \$1,000 (1997).

Fish Health Project. Jones, Day, Reavis & Pogue. February 1992 - December 2002. Principal Investigator Robin M. Overstreet, Co-Principal Investigator William E. Hawkins. Total \$394,500, no matching funds.

National Institute of Health-Department of Health and Human Services (NIEHS) (National Toxicology Program). Contacts and Procurement Management Branch. Feasibility Study for Using Small Fish to Evaluate the Toxic and Carcinogenic Potential of Selected Chemicals in Aquatic Animals. William E. Hawkins Principal Investigator, William W. Walker, and Robin M. Overstreet Co-Principal Investigators (with Experimental Pathology Laboratories, Inc., Herndon, Virginia). (Contract No, NO1-ES-35371). 1 October 1993 - 31 August 1996, \$951,186, 1 October 1993 - 31 December 2000, \$429,096. Total \$1,380,282. Life Span Study and Phase I & II.

National Marine Fisheries Service-MARFIN. Cobia (*Rachycentron canadum*) Stock Assessment Study in the Gulf of Mexico and in the South Atlantic. Principal Investigators Karen Burns, Co-principal Investigators Carole Neidig, Jeffrey Lotz, and Robin M. Overstreet. No. 59-0756643. Award No. NA57FF0294. 1 March 1995 -31 March 1998. Federal \$60,501 to GCRL. Total \$348,311.

National Science Foundation. U.S.-CCNAA (Taiwan) Cooperative Research: Biomarkers in Fish from Contaminated Rivers and Ponds in Taiwan. Grant No. INT-9309283. 1 August 1994 - 31 July 1998. Principal Investigator Robin M. Overstreet and Co-Principal Investigator William E. Hawkins. Total \$39,789.

U.S. Marine Shrimp Farming Program. U.S. Department of Agriculture. Cooperative State Research Service (CSREES), Grant No. 86-38808-2508, 1 March 1996 - 28 February 1998. Principal Investigators Robin M. Overstreet and Jeffrey Lotz. \$738,373 for FY 1996, \$829,904 for FY 1997, (Grand total \$1,568,277), no matching funds.

U.S. Department of Commerce. National Marine Fisheries Service. U.S. Gulf of Mexico Marine Stock Enhancement Program (US-GMSEP). Award No. NA76FL0446. Co-principal Investigators Jeffrey M. Lotz, Robin M. Overstreet, and Kenneth C. Stuck. 1 July 1997 - 30 June 1998. Total \$1,464,000 , no matching funds.

U.S. Department of Agriculture. Cooperative State Research Service. U.S. Marine Shrimp Farming Program. CSREES Grant No. 98-38808-6019, 1 March

1998 -31 March 2002. Principal Investigators Jeffrey Lotz and Robin Overstreet. GCRL portion \$798,373 for FY1998, \$786,373 for FY1999, \$786,373 for FY2000, \$786,373 for FY2001 (Grand total \$3,157,492), no matching funds.

U.S. Department of Commerce. National Marine Fisheries Service. U.S. Gulf of Mexico Marine Stock Enhancement Program (US-GMSEP). Award No. NA86FL0476. Co-principal Investigators Jeffrey M. Lotz, Robin M. Overstreet, and Kenneth C. Stuck. 1 July 1998 - 31 December 1999. Total \$1,464,000 , no matching funds.

Australian Quarantine and Inspection Service. Department of Primary Industries and Energy. Scientific Review of Freshwater Crayfish Diseases, Pests and Commodities. Louis Evans, Brett Edgerton, Robin Overstreet, and Francis Stephens. 1997-1998. Travel Expenses.

State of Mississippi, Department of Marine Resources: Tidelands Trust Fund. Monitoring Exotic Viruses in Mississippi Shrimps. Project No. FY99-M107. Principal Investigators Jeffrey M. Lotz and Robin M. Overstreet. 1 July 1998 - 30 June 2001. \$65,257.

Fisheries Research & Development Corporation (Australia), Fish Health Section, Western Australia Department of Agriculture. Determination of the Disease Status of Western Australian Commercial Prawn Stocks. Principal Investigator Brian Jones and Co-principal Investigator Robin M. Overstreet. 1 July 1998 - 30 June 2001. \$22,500.

U.S. Department of Agriculture/APHIS/WS, National Wildlife Research Center, Mississippi State University. White Pelican Study. July-August 2001, Principal Investigator Robin M. Overstreet, Co-principal Investigator Steve Curran. Federal Amount \$5,968.

U.S. Department of Commerce. National Marine Fisheries Service. U.S. Gulf of Mexico Marine Stock Enhancement Program (US-GMSEP). Award No. NA96FL0358. Co-principal Investigators Jeffrey M. Lotz, Robin M. Overstreet, and Kenneth C. Stuck. 1 July 1999 - 30 June 2001. RMO \$424,941 of total \$2,987,800, no matching funds.

Mississippi-Alabama Sea Grant Consortium. Blood Flukes of Commercially and Recreationally Valuable Fishes off Mississippi and Alabama. 1 June 2000 - 31 May 2001. Fellowship for Stephen Bullard with Robin Overstreet as Principal Investigator/Tutor. Federal award \$5,000 with \$5,000 as GCRL match.

National Sea Grant Program. University of Virginia/USDC. An Integrated Approach to the Development of Cobia (*Rachycentron canadum*) Culture in the United States. Award No. NA16RG1646. Principal Investigators William DuPaul, Michael Oesterling, and Fu-Lin Chu, Virginia Institute of Marine Science,

Gloucester Point, Virginia; Associate Investigators Jeffrey Lotz, James Frank, John Ogle, and Robin Overstreet. 1 September 2001 - 31 August 2003. RMO \$34,000 of GCRL \$67,276 of grand total (grand total reduced from \$889,690) Federal share.

U.S. Department of Commerce. National Marine Fisheries Service. MARFIN. Evaluation of the Efficacy of Current Minimum Size Regulations for Selected Reef Fish Based on Release Mortality and Fish Physiology. MML-108591 of Award No. NA17FF2010. Co-principal Investigators Karen M. Burns, Mote Marine Laboratory, Sarasota, Florida, and Robin M. Overstreet. 1 November 2001 - 31 December 2008 (including no-cost extension). Total \$57,000 of \$359,804 Federal, no matching funds for subcontract.

U.S. Department of Agriculture. Cooperative State Research Service. U.S. Marine Shrimp Farming Program. CSREES Grant No. 2002-38808-01381, 15 April 2001 - 15 July 2006. Principal Investigators Jeffrey Lotz and Robin Overstreet. RMO \$371,644 for FY 2001; \$376,072 for FY2002; \$371,519 for FY2003; \$337,080 for FY2004; \$250,000 for FY2005; Total for RMO \$1,706,315 of much larger USM portion of total; no matching funds.

U.S. Department of Commerce. National Marine Fisheries Service. U.S. Gulf of Mexico Marine Stock Enhancement Program (US-GMSEP). Award No. NA06FL0501. Co-principal Investigators Jeffrey M. Lotz and Robin M. Overstreet. 1 July 2001 - 30 June 2004 (including no-cost extension). RMO \$786,000 of total \$6,602,400, no matching funds.

U.S. Department of Commerce. National Marine Fisheries Service. MARFIN. Geographic Comparison of Age, Growth, Reproduction, Movement and Survival of Red Snapper off the State of Florida. MML-108659 of Award No. NA17FF2881. Co-principal Investigators Karen M. Burns, Mote Marine Laboratory, Sarasota, Florida, Nancy Brown-Peterson and Robin M. Overstreet. December 2002 - 30 September 2006. Total \$100,568 subcontract of \$623,661 Federal (\$825,613 total).

U.S. Department of Commerce. National Marine Fisheries Service. Blue Crab Advanced Research Consortium (BCARC). Subaward SC035-27565BCFDA No. 11.457 of NA17FU2841. University of Maryland Biotechnology Institute; The University of Southern Mississippi Department of Coastal Sciences; Smithsonian Environmental Research Center; Virginia Institute of Marine Science; and North Carolina State University. USM Co-Principal Investigators Harriet Perry, Jeffrey M. Lotz, and Robin M. Overstreet (Perry and Lotz on Technical Committee; Jay Grimes-William Hawkins on Executive Committee). July 2002 - November 2006. RMO portion \$411,325 of \$1,751,846 USM portion of total grant.

U.S. Department of Commerce. National Marine Fisheries Service/Institute for Marine Mammal Studies. Task 5: Parasites as Indicators of Bottlenose Dolphin Health and Biology. Responsible Person ("Principal Investigator") Robin M. Overstreet, 1 August 2002 - 31 December 2005, Subcontract Award \$75,000 (plus in kind \$10,595).

State of Mississippi, Department of Marine Resources: Tidelands Trust Fund. Bioindicator of Tideland Environmental Health. Award No. M108-1: 03-042. Principal Investigator Robin M. Overstreet, Co-principal Investigator, Richard Heard. 1 April 2003 - 31 December 2006. \$63,500 (plus match/in kind \$21,146).

U.S. Fish and Wildlife Service. (With Mississippi Museum of Natural Science). Report for "Initial Results of Study Involving a *Perkinsus*-like Organism Infecting the Mississippi Gopher Frog." Order No. 1448-43910-3-M011A. Principal Investigator Robin M. Overstreet, Co-principal Investigator Jeffrey M. Lotz. 13 June 2003 - 15 January 2004. Contract for \$10,000.

U.S. Department of Commerce. National Marine Fisheries Service. U.S. Gulf of Mexico Marine Stock Enhancement Program (US-GMSEP). Award No. NA03NMF4720320. Co-principal Investigators Jeffrey M. Lotz and Robin M. Overstreet. 1 July 2003 - 30 June 2005. RMO \$390,600 of total \$2,609,200, no matching funds.

U.S. Fish and Wildlife Service award to Mississippi Museum of Natural Science, Cooperative Agreement between Mississippi Department of Wildlife, Fisheries and Parks and USM. Mississippi Gopher Frog: *Perkinsus*-like Pathogen Transmission Study. Mississippi Project No. E-1, Segments 19 and 20. Principal Investigator Robin M. Overstreet, (Co-principal Investigator Jeffrey M. Lotz during segment 19). 1 January 2004 - 15 December 2006. RMO \$59,357 of total \$59,357.

The University of Southern Mississippi, University Research Council's Research, Scholarly, and Creative Activity Awards, Award for Applied Research, Authorization numbers 228-16, -17, -22, Recipient Robin M. Overstreet (Overstreet/Angie Dvorak/Cecil Burge). 24 April 2003 - 30 August 2004. RMO \$2,500

National Sea Grant Program. University of Virginia/USDC. Cobia Parasites and Diseases (An Integrated Approach to the Development of Cobia (*Rachycentron canadum*) Culture in the United States). Award No. 114776-GL10013. Principal Investigator Robin M. Overstreet. 23 January 2004 - 31 August 2004. RMO responsible for all of \$6,300 (plus \$3,245 matching).

U.S. Department of Agriculture. Agricultural Research Service. Potentially harmful trematodes to aquaculture transmitted by aquatic birds. Specific

Cooperative Agreement Award No. 58-6225-4-015, 15 September 2004 - 14 September 2007. Principal Investigator Robin Overstreet. RMO \$25,000.

National Science Foundation, Doctoral Dissertation Improvement Grant. Interrelationships of basal schistosomatoids. Award No. 0508856. Principal Investigator Robin M. Overstreet (for study of Ash Bullard). 1 June 2005 - 31 May 2007. \$11,677.

National Science Foundation, PEET: Revitalizing taxonomic expertise in Digenea for the 21st Century: the haploporid monographs. Award No. 0529684. Principal Investigator Robin M. Overstreet. Total \$749,100 for 1 September 2005 - 31 August 2011.

National Science Foundation, Small Grant for Exploratory Research (SGER): Effects on and recovery of Mississippi fish digenean populations resulting from Hurricane Katrina. Award No. 0608603. Principal Investigator Robin M. Overstreet. Total \$120,000 for 1 March 2006 - 28 February 2008.

U.S. Department of Agriculture. Cooperative State Research Service (CSREES). U.S. Marine Shrimp Farming Program. Award No. 2006-38808-03589. Principal Investigators Jeffrey Lotz and Robin Overstreet. 15 July 2006 - 14 July 2008. RMO \$275,000 of larger USM amount (~\$900,000) for FY2006.

U.S. Department of Commerce. National Marine Fisheries Service. Blue Crab Advanced Research Consortium (BCARC). Subaward SC035-27576B of NA17FU2841. University of Maryland Biotechnology Institute; The University of Southern Mississippi Department of Coastal Sciences; Smithsonian Environmental Research Center; Virginia Institute of Marine Science; and North Carolina State University. USM Co-Principal Investigators Harriet Perry, Jeffrey M. Lotz, and Robin M. Overstreet (Perry and Lotz on Technical Committee; William Hawkins on Executive Committee). 1 November 2006-30 November 2011, including 3-year no-cost extension. RMO portion \$270,000 of much larger USM (>\$967,413) portion of total grant.

Department of Interior, U.S. Fish and Wildlife Service, Mississippi gopher frog: *Dermomycoides* sp. infectivity and disease studies. Agreement No. 401817G033, DUNS No. 62-333-5775. Principal Investigator Robin M. Overstreet. Total \$90,150 for 1 April 2007 - 31 March 2012.

U.S. Department of Commerce. National Marine Fisheries Service. Blue Crab Advanced Research Consortium (BCARC). Subaward SC03527583B of NA07NMF4570341, CFDA No. 11.457. University of Maryland Biotechnology Institute and The University of Southern Mississippi; USM Co-Principal Investigators Harriet Perry, Jeffrey M. Lotz, and Robin M. Overstreet (Perry and Lotz on Technical Committee; William Hawkins on Executive Committee). 1

December 2007 - 30 November 2009, with no-cost extension. RMO portion \$135,000 of much larger USM (\$749,700) portion of total grant.

National Science Foundation, REU Supplement to PEET: Revitalizing taxonomic expertise in Digenea for the 21st Century: the haploporid monographs. Award No. 0529684. Principal Investigator Robin M. Overstreet, Summer 2008. \$7,960.

U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, Oceans and Human Health Initiative. Safety of seafood and detection of emerging parasitic threats. Award NA08NOS4730322. Principal Investigator Robin M. Overstreet. 1 August 2008 - 31 July 2011. RMO responsible for all of \$499,931.

U.S. Department of Interior, U.S. Geological Survey. *Dermomycooides* sequencing. Contract No. 08HQSA0194. Principal Investigator Robin M. Overstreet. 11 August 2008 - 10 February 2010. Total \$21,750, with RMO responsible for all.

MACTEC Engineering and Consulting, Inc., Newberry, Florida. Parasitic nematode fish analysis. Project 6063080135. Principal Investigator Robin M. Overstreet. 26 March 2008-1 June 2009. Total \$2,000, with RMO responsible for all.

Wisconsin Department of Natural Resources. Microphallid trematodes from Wisconsin crayfishes (for Craig Roesler, Water Quality Biologist). July 2009-June 2010. Total \$1,000, with RMO responsible for all.

Northern Gulf Institute/Mississippi State University (GRI/BP). 5. Biomonitoring. Parasites and diseases of select animal hosts will be used to monitor recovery of environmental health in the Northern Gulf of Mexico from the Deepwater Horizon oil-spill incident. A comprehensive assessment of oil distribution, transport, fate and impacts on ecosystems and the Deepwater Horizon oil release. Task Order No. 191001-306811-04 (USM Task 6). Principal Investigator Steven E. Lohrenz; Task Project Lead Robin Overstreet with Stephen Curran Co-Lead. 2 July 2010 - 31 March 2011 (funds released September 2010 and no-cost extension added). RMO responsible for \$43,949 of \$493,701 total.

U.S. Department of Interior, Bureau of Ocean Energy Management, Regulation, and Enforcement (formerly Minerals Management Services)/MS Department of Marine Resources/Coastal Impact Assistance Program, Mississippi Department of Marine Resources. MS. R. 798. A bottlenose dolphin surveillance team for Mississippi Sound. Principal Investigator Darrell Jay Grimes; Co-Principal Investigator Robin M. Overstreet. 1 September 2010-31 December 2014. Total \$993,816 for 4 years, with RMO responsible for \$342,664.

Wisconsin Department of Natural Resources. Microphallid trematodes of Wisconsin crayfish (for Craig Roesler, Water Quality Biologist). 15 September 2010- 30 June 2011. Total \$10,000, with RMO responsible for all.

Institutional Service:

Marine Education Center Committee
Personnel Hearing, Inter-institutional
Department of Marine Science, Committee on Faculty for Marine Science
PhD Task Force
USM Ad Hoc Tenure Committee, GCRL
GCRL Gunter Library Committee (Chairman)
GCRL Animal Committee
GCRL Safety/Hazardous Waste Committee
Marine Activities Planning (MAP) Group
GCRL Head Librarian Search Committee (Chairman)
GCRL Librarian Search Committee
USM GCRL Director Search Committee
Department of Coastal Sciences (COA) Personnel Authority Committee for
Governance (multiple years)
COA Professional and Scholastic Standards Committee
GCRL/COA Museum Committee (Chairperson)
GCRL Physical Plant Director [Assistant] Search Committee
COA Molecular Biologist Search Committee
COA Microbiologist Search Committee I (Chairperson)
CoST Search Committee for Director of the School of Ocean and Earth
Sciences, dissolved
COA Third Year Review and Tenure/Promotion Committees (Biber, member;
Fulford, Chair; Saillant, member; Griffitt, Chair)
COA Promotion Committee (Rakocinski, Chair)
COA Microbiologist Search Committee II
CoST Award Committee
GCRL Gunter/Southern Miss Centennial Celebration, Steering Committee

Research and Teaching Interests:

Specific Research Programs. I have responsibility to three program areas: 1) parasitology and diseases, 2) aquaculture and fisheries science, and 3)

environmental biology and neoplasms. In some aspects, these areas overlap and in other studies they are independent.

My research areas involving parasites and diseases are numerous and constitute my primary field of responsibility. They include taxonomy, systematics, development and life histories, diagnoses and management of diseases, ecology, pathogenesis and host-parasite relationships, and public health. I am involved with a wide array of agents including viruses, bacteria, fungi, and numerous protozoan and metazoan groups. In present taxonomic and systematic studies, I am emphasizing digeneans, nematodes, cestodes, myxosporidians, ciliates, coccidians, microsporans, and haplosporans. For other types of studies, I am involved with all parasitic groups; most of my academic and service obligations also involve all the above general areas of interest.

Aquaculture and fisheries science involvement includes both applied and basic areas. My interests in aquaculture concern penaeid shrimps and the blue crab; other crustaceans such as crayfishes; and finfishes, including local and other species with a present emphasis on mullets, the red snapper, and small fish models. Whereas most of my research involves parasites and diseases, my interests also include biology of the animals and culture techniques. Directly or indirectly, I utilize that information or various contacts for service and educational obligations. My interests in other areas of fisheries include the biology of fishes (both finfishes and shellfishes), with an emphasis on local species collected on a routine basis. Most of my research has involved migration, health, reproduction, rearing, diets, and associations and interactions with other fishes, crustaceans, and molluscs and sometimes their symbionts.

My interests in environmental biology and neoplasms involve both field and laboratory studies. Initially those studies not involving a parasite were restricted to descriptive aspects of affected animals in the local environment. Whereas much of my work has involved infectious agents, some has involved the influence of natural or manmade conditions or agents on aquatic animals. Since 1975, I conducted experimental studies to determine the effect of carcinogens or other toxicants on fishes and shrimps. My involvement has included rearing and maintaining healthy animals as well as designing experiments and assessing the effects of toxicants or perturbations. For my toxicology input, mostly I am involved with better defining small fish models. For my parasitological input, I am establishing various host-parasite associations in "model" fishes as indicators of environmental health. This aspect of my work also involves field and laboratory studies and treats the effects of both biotic and abiotic factors on the parasite associations.

Major Professor or Research Advisor (Graduated and present students):

Richard W. Heard, Jr., Ph.D., August 1976, The University of Southern Mississippi. "Microphallid trematode metacercariae in fiddler crabs of the genus *Uca* Leach, 1814 from the northern Gulf of Mexico."

Alan C. Fusco, M.S., June 1978, The University of Southern Mississippi. "The life history and development of *Spirocamallanus cricotus*, with notes on *Spirocamallanus* and with an annotated species listing."

Daniel R. Brooks, Ph.D., August 1979, University of Mississippi. "Evolutionary history of digenetic trematodes infecting crocodylians, including a revision of *Acanthostominae* Poche, 1926 (Digenea: Cryptogonimidae)."

Thomas L. Deardorff, Ph.D., August 1980, The University of Southern Mississippi. "Adult ascaridoid nematodes from fishes of the northern Gulf of Mexico with notes on some larval forms."

Mobashir Ahmad Solangi, Ph.D., August 1980, The University of Southern Mississippi. "Histopathological changes in two estuarine fishes exposed to South Louisiana crude oil and its water soluble fractions."

John W. Fournie, Ph.D., August 1985, University of Mississippi. "Studies on the biology of *Eimeria funduli* (Protozoa: Apicomplexa) in atheriniform fishes."

Tom E. Mattis, Ph.D., September 1985, The University of Southern Mississippi. "Larval development of two tetrahyarchidean cestodes from the northern Gulf of Mexico."

Wolfgang K. Vogelbein, Ph.D., 1991, Louisiana State University. "The morphology, development, and function of experimentally induced macrophage aggregates in *Rivulus marmoratus*."

Brian LeBlanc, Ph.D., 1991, Auburn University. "Effects of chemical and physical agents on the infectivity of *Baculovirus penaei*."

Kristy Louise Smedley, M.S., December 2000, Department of Coastal Sciences, The University of Southern Mississippi. "Life histories and taxonomy of some members of *Monorchiiidae* (Digenea)."

Charles K. Blend, Ph.D., December 2001, Department of Biological Sciences, The University of Southern Mississippi. "Life history information on some strigeoids parasitizing pond-raised catfish: a synergism of morphology and molecules."

Stephen Ashton Bullard, M.S., May 2002, Department of Coastal Sciences, The University of Southern Mississippi. "Blood flukes (Digenea: Sanguinicolidae) from commercially and recreationally important fishes in the Gulf of Mexico."

Stephen Socrates Curran, Ph.D., December 2006, Department of Coastal Sciences, The University of Southern Mississippi. "Taxonomy and systematics of some freshwater and coastal trematodes from fishes on the Atlantic Rim."

Stephen Ashton Bullard, Ph.D., May 2007, Department of Coastal Sciences, The University of Southern Mississippi. "Ecology and evolution of fish blood flukes (Digenea: Aporocotylidae)."

Jeffrey W. Siegel, M.S., May 2008, Department of Coastal Sciences, The University of Southern Mississippi. "Stranding trends of beach cast Atlantic bottlenose dolphins (*Tursiops truncatus*) in Mississippi Sound and adjacent waters." Joshua Cook, M.S., August 2008, Department of Coastal Sciences, The University of Southern Mississippi. "Transmission and occurrence of *Dermomyxoides* sp. in *Rana sevosia* and other ranids in the North Central Gulf of Mexico states."

Hongwei Ma, Ph.D., December 2008, Department of Coastal Sciences, The University of Southern Mississippi. "Transmission of yellowhead virus in crustacean hosts."

Tershara Matthews, working on Ph.D., Department of Coastal Sciences, The University of Southern Mississippi. "Effects of WSSV in carrier and reservoir hosts on penaeid shrimps."

Eric Pulis, working on Ph.D., Department of Coastal Sciences, The University of Southern Mississippi. "A monograph of the Waretrematinae Nicoll, 1914, a haploporid subfamily in fishes."

Michael Andres, working on Ph.D., Department of Coastal Sciences, The University of Southern Mississippi. "A monograph of the Haploporinae Nicoll, 1914, a haploporid trematode subfamily in fishes."

Member of Graduate Committee (Graduated and present students):

Alfred P. Chestnut, Ph.D., May 1980, The University of Southern Mississippi. "Distribution, population dynamics, and reproductive biology of the burrowing clam, *Diplothyra smithii* Tyron." Edwin Cake, Major Advisor.

Dennis Thoney, Ph.D., May 1989, Virginia Institute of Marine Science through the College of William and Mary. "Community ecology and abundance of the parasites of adult *Leiostomus xanthurus* and *Micropogonias undulatus* (Sciaenidae) along the Atlantic coast of the USA." William Hargis, Major Professor.

Kenneth Stuck, Ph.D., August 1995, University of Alabama at Birmingham. "Biochemical indicators of larval health in the marine shrimp, *Penaeus vannamei*." Stephen Watts, Major Professor.

Jan Boyd, M.S., May 1996, The University of Southern Mississippi. "Observations on two species of *Sphaeroonella* (Copepoda: Siphonostomatoida: Nicotoidae) parasitic on Amphipoda from the northern Gulf of Mexico and Caribbean." Richard Heard, Major Professor.

Dwaine A. Braasch, Ph.D., December 1998. Department of Biological Sciences, The University of Southern Mississippi. "Penaeid cell culture: characterization of cytoskeletal components and detection of cell regulatory elements (p34^{cdc2} and cyclins A&B)." R.D. Ellender, Major Professor.

Valerie J. McKenzie, M.S., 2000. Department of Ecology and Evolutionary Biology, University of Connecticut. "Metazoan parasites of Guatemalan reptiles and amphibians," funding through NSF grant (Janine Caira, Major Professor; RMO serving as Reader-Research Director at GCRL).

M. Andres Soto, Ph.D., 2001. Department of Coastal Sciences, The University of Southern Mississippi. "Epidemiology of white spot virus (WSSV) and Taura syndrome virus (TSV) in some penaeid shrimps." Jeffrey Lotz, Major Professor.

Melissa Lawrence, M.S., 2001. University of South Alabama. "An investigation of the invasive vermigon stage of *Loxothylacus texanus* (Cirripedia: Rhizocephala) that parasitizes the blue crab, *Callinectes sapidus*." John O'Brien, Major Professor.

Rena Krol, M.S., December 2002, Department of Biological Sciences, The University of Southern Mississippi, "Pathobiology of white spot virus (WSV) in diverse crustaceans from the United States." Jeffrey Lotz, Major Professor.

Chuck Harry Flowers, Jr. M.S., 2002, Department of Coastal Sciences, The University of Southern Mississippi, "Evaluation of host potential of the blue crab (*Callinectes sapidus*) for white spot syndrome virus: susceptibility, pathogenicity, and transmission." Jeffrey Lotz, Major Professor.

Lesber Salazar Anton, M.S., 2002, Department of Coastal Sciences, The University of Southern Mississippi, "The effect of chronic Taura syndrome virus (TSV) infections on stress tolerance and development of a semi-quantitative infectivity assay for white spot syndrome virus (WSSV) in the white shrimp, *Litopenaeus vannamei*." Jeffrey Lotz, Major Professor.

Barbara Rose Nickels, M.S., December 2004, Department of Biological Sciences, The University of Southern Mississippi, "Light and electron microscope

studies of a haplosporidian infection in the Florida marshclam, *Cyrenoida floridana*." Richard W. Heard, Major Professor.

Sara T. Pelleteri, M.S., December 2004, Department of Coastal Sciences, The University of Southern Mississippi, "Tanaidomorpha (Crustacea: Malacostraca) of Hawaii." Richard W. Heard, Major Professor.

Micah Bakenhaster, M.S., December 2004, Department of Coastal Sciences, The University of Southern Mississippi, "External morphological features of manca of four parasitic isopod species (Cymothoidae) in the northern Gulf of Mexico." Richard W. Heard, Major Professor.

Amanda G. Vincent, Ph.D., May 2005, Department of Coastal Sciences, The University of Southern Mississippi, "Experimental infection of necrotizing hepatopancreatitis bacterium (NHPB) in Kona stock *Litopenaeus vannamei* (Pacific white shrimp)." Jeffrey Lotz, Major Professor.

Vienna Mackey, M.S., 2005, Department of Ecology and Evolutionary Biology, Tulane University, non-thesis degree, David Heins, Major Professor.

Jana Thoma, M.S., December 2006, Department of Coastal Sciences, The University of Southern Mississippi, "Review of the Epicaridea (Isopoda) of the South Atlantic Bight, with descriptions of two new species." Richard W. Heard, Major Professor.

Jason Thomas Lemus, Ph.D., December 2006, Department of Coastal Sciences, The University of Southern Mississippi, "The effect of copepod density on cannibalism, survival, development rate and egg production and the implications for population growth rate and demographics of *Acartia tonsa* Dana (Copepoda: Calanoida)." Jeffrey Lotz, Major Professor.

John Milton Foster, Ph.D., August 2008, Department of Coastal Sciences, The University of Southern Mississippi, "Review of the genus *Polycheria* Haswell, a symbiotic group of amphipods (Crustacea: Dexaminidae) with descriptions of new species from Florida, the Caribbean Sea, and the Indo-Pacific Region." Richard W. Heard, Major Professor.

Jocelyn Marie Warner Tremonte, M.S., December 2008, Department of Coastal Sciences, The University of Southern Mississippi, "The effects of temperature on Taura syndrome virus (TSV) infections in *Litopenaeus vannamei*." Jeffrey Lotz, Major Professor.

Rey de la Calzada, M.S. December 2008, Department of Coastal Sciences, The University of Southern Mississippi, "The relative virulence of white spot syndrome virus (WSSV) in the penaeid shrimps *Litopenaeus vannamei* and *Farfantepenaeus duorarum*." Jeffrey Lotz, Major Professor.

Jana Moerbe Rucker, M.S. December 2009, Department of Coastal Sciences, The University of Southern Mississippi, "Comparison of the intra-host quasispecies of Taura syndrome virus in acute and chronic infections in *Litopenaeus vannamei*" Jeffrey Lotz, Major Professor.

Ignacio Masson, Ph.D. December 2009, Department of Coastal Sciences, The University of Southern Mississippi, "Experimental population dynamics of *Amyloodinium ocellatum* in the spotted seatrout, *Cynosion nebulosus*, and the red snapper, *Lutjanus campechanus*." Jeffrey Lotz, Major Professor.

David Drumm, Ph.D. May 2010, Department of Coastal Sciences, The University of Southern Mississippi, "Systematic revision of the Kalliapseudidae (Crustacea: Peracarida: Tanaidacea) and the population genetic structure and phylogeography of a species along the southeastern and Gulf Coasts of North America." Richard W. Heard, Major Professor.

Kristine Nicolle Klebba White, Ph.D. May 2010, Department of Coastal Sciences, The University of Southern Mississippi, "Development of representative species-level molecular markers and morphological character analysis of leucothoid amphipods (Crustacea: Amphipoda)." Richard W. Heard, Major Professor.

Sara LaPorte Conner, Ph.D. level, University of Louisiana at Lafayette, Raymond Bauer, Major Professor.

Rachelle E. (Cooley) Williams, Ph.D. level, Department of Coastal Sciences, The University of Southern Mississippi, D. Jay Grimes, Major Professor.

Agustina Sibuea, M.S. level, Department of Coastal Sciences, The University of Southern Mississippi, Jeffrey Lotz, Major Professor.

Thomas (TJ) Fayton, Ph.D. level, Department of Coastal Sciences, The University of Southern Mississippi, Richard W. Heard, Major Professor (not yet official).

Honors Thesis Major Advisor:

Jennifer Y. Lamb, graduated May 2010. USM, Department of Biological Sciences, "Life cycle and histology of disease by *Dermomycooides* sp. during ranid development."

External Examiner:

S.V. Narasimhulu, Ph.D. Candidate, June 1979, Andhra University (Waltair, Andhra Pradesh, India). "Digenetic trematodes from marine fishes of Kalingapatnam Coast, Bay of Bengal," Dr. R. Madhavi.

Shirley Anne Butler, Ph.D., February 1985, The University of Queensland (Brisbane, Queensland, Australia). "Taxonomy and biology of some tetraphyllid cestodes from Moreton Bay," Prof. John C. Pearson.

Gregg N. Berry, Ph.D., June 1985, University of Queensland. "Parasites of *Sillago* spp. (Perciformes) of South-east Queensland coastal waters," Prof. John Sprent.

Frank R. Roubal, Ph.D., October 1985, University of New England (Armidale, New South Wales, Australia). "Histological, cytological and morphometric aspects of ectoparasite pathology on the marine bream, *Acanthopagrus australis* (family Sparidae)," Dr. Klaus Rhode.

Thomas H. Cribb, Ph.D., April 1986, University of Queensland. "Studies on the digenetic trematodes of Australian freshwater fish," Prof. John C. Pearson.

Robert Douglas Adlard, Ph.D., November 1989, University of Queensland. "The effects of the parasitic isopod *Anilocra pomacentri* Bruce (Cymothoidae) on the population dynamics of the reef fish *Chromis nitida* Whitley (Pomacentridae)," Dr. R.J.G. Lester.

Timothy Charles Jones, Ph.D., October 1992, University of Queensland. "The biology of a temnocephalan ecotosymbiont," Dr. R.J.G. Lester.

Benjamin Keith Diggles, Ph.D., November 1996, University of Queensland. "Studies of *Cryptocaryon irritans* Brown 1951 from South-east Queensland," Dr. R.J.G. Lester.

Kirsten Michelle Spann, Ph.D., April 1997, University of Queensland. "Four new viruses of wild and cultured penaeid prawns from Queensland, Australia." Dr. R.J.G. Lester.

Quinton Tam, MSc Dissertation, January 2006, University of Johannesburg, South Africa. "Aspects of the biology of *Argulus*." Prof. A. Avenant-Oldewage.

Melanie Crockford, Ph.D., November 2006/April 2007, Murdoch University, Perth, Western Australia. "Molecular characterisation of Pilchard Herpesvirus and the associated disease in pilchards." Dr. Brian Jones (Western Australia Department of Fisheries) and Prof. Graham Wilcox.

Eleanor Margaret Yeld, Ph.D. 2009, University of Cape Town, South Africa. "Parasite assemblages of three endemic catshark species from the west and south coasts of South Africa." Supervisors Charles L. Griffiths (U of Cape Town) and Nico J. Smit (University of Johannesburg, South Africa).

Lynda Maree Curtis, Ph.D. 2009/2010, The University of Queensland. "The ecology of blood parasites in coral reef fishes." Supervisors Lexa Grutter, Angela Davies, Nico Smit, Malcolm Jones, and Robert Adlard (Australia, United Kingdom, and South Africa).

Opponent:

Paula Henttonen, Ph.D., 29 June 1996, University of Kuopio. Kuopio, Finland. "The Parasite *Psorospermium* in Freshwater Crayfish," Drs. Ossi V. Lindqvist, Jay V. Hunner, and E. Tellervo Valtonen, Supervisors.

External Supervisor:

Norma Angélica López-Téllez, Ph.D., 2008, Unidad Mérida, Center for Research and Advanced Studies of the National Polytechnic Institute, Department of Marine Resources (CINVESTAV-IPN), Mérida, Yucatán, México. "Seasonal variation of ectosymbiotic ciliates on farmed and wild shrimps from coastal Yucatan, Mexico." Dr. Victor Manuel Vidal Martínez, Supervisor.

Courses Taught:

Graduate Courses:

Institute of Marine Sciences, University of Miami (Miami, Florida), Ecology of Marine Parasites, 1967, 1968 (both lecture and laboratory sections).

Gulf Coast Research Laboratory (USM as affiliate), Parasites of Marine Animals - Zoology 461 (graduate or undergraduate) or BSC 524 and BSC 524L, totaling 6 semester hours. 1971, 1974, 1976, 1978, 1980, 1982, 1985.

University of Queensland, Department of Parasitology (Brisbane, Queensland, Australia) Parasites of Marine Animals - PA 305. 1984.

The University of Southern Mississippi - Biological Sciences Seminar (Parasites and Disease Processes) - BSC 790, 2 hours/semester, Spring 1996-1999, Fall 1996-1998.

The University of Southern Mississippi or Gulf Coast Research Laboratory: BSC 692/792 or other designations, Special Problems, various number of hours, at least 36 courses from 1970-1999; BSC 691/791 Research

in Biology, BSC 697/797 Independent Study, Thesis, or Cooperative Education Field Study Program, various number of hours, 33 courses from 1989- Fall 2001.

Research Institute for Aquaculture No. 3, Nha Trang, Vietnam. Training course on the identification of trematode metacercaria in marine and freshwater fishes of Vietnam with emphasis on those taxa of zoonotic importance. Fishborne Zoonotic Parasites in Vietnam (FIBOZOPA), 22-26 January 2007.

The University of Southern Mississippi, Department of Coastal Sciences: COA 692/792 Special Topic Courses, usually 1 of 2 hours/semester (Conservation Biology-Stock Enhancement, Spring 1999; Topics in Aquatic Parasites, Fall 1999; Parasite Ecology, Spring 2000; Fish Health Methods, Fall 2000; Ecology of Aquatic Pathogens (Viral Ecology), Spring 2001) Special Problems COA 492/692/792, various number of hours, 18 courses from Summer 1999 - Fall 2001; Thesis/dissertation COA 698, various number of hours, 1 course in Spring 2000; BSC 898, 3 courses in Fall 2001; COA 691/791 Research in Biology and COA 697/797, various number of hours, 22 courses from Summer 1999 - Fall 2001; COA total student credit contact hours in 2000: 95 hours; in 2001: 82 hours. 2002: COA 690/790 Evolutionary processes 2 h; COA 654 Describing Marine Parasite Species I 3 h; COA 491 REU, 10 h; Special problems 6 courses; Research 5 courses; total 89 student contact hours (12 different students). 2003: COA 651 Marine Symbiosis I 4 h; COA 652 Marine Symbiosis II 4 h; Special topics 4 courses; Special problems 5 courses; Research 10 courses; total 102 student contact hours (9 different students). 2004: COA 655 Describing Marine Parasite Species II 3 h; Special topics 1 course; Special problems (COA 492 and 792) 9 courses; Research 9 courses; total 77 student contact hours (8 different students) (includes COA 400 undergraduate but not high school mentorships). 2005: COA 651 Marine Symbiosis I 4 h; Special problems 7 courses; Research 9 courses; total 102 student contact hours (9 different students). 2006: COA 790 Special Topics 3 courses; Special problems 11 courses; Research 12 courses; total 134 student contact hours (6 different graduate students and 2 different undergraduate students). 2007: COA 654 Describing Marine Parasite Species I 3 h; COA 790 Special Topics 1 course; Special problems 8 courses; Research 9 courses; total 79 student contact hours (5

different graduate students and 2 different undergraduate students). 2008: COA 651 Marine Symbiosis I 4 h; Special problems 7 courses; Research 10 courses; total 116 student contact hours (5 different graduate students and 2 undergraduate students). 2009: COA 651 Marine Symbiosis I 4 h; Special problems 5 courses; Research 4 courses; total 80 student contact hours (6 different graduate students and 2 undergraduate students). 2010: COA 655 Describing Marine Species II 3 h; Special topics 1 course; Special problems 3 courses; Research 6 courses; total 55 student contact hours (3 different graduate students and 1 undergraduate student).

Lectures presented in courses:

Gulf States Consortium for Aquatic Pathobiology. AQUAMED. (Texas A&M, Galveston, Texas) Parasitology lectures, 1992, 1994 (about 7 hours lecture and 8 hours laboratory/field work each summer for 30-40 veterinary students or professionals from all over the U.S. and abroad)

University of Kuopio (Kuopio, Finland), lectures, 1996

Curtin University (Perth, Western Australia, Australia), (1- or 2-hour lectures in few different courses), 1994 and 1997

University of Queensland (Brisbane, Queensland, Australia), lectures in various courses in departments of Parasitology and Zoology, 1984, 1992, 1995, and 1997

GCRL, lectures on parasites and demonstrations on necropsy techniques given to Marine Mammals (BSC559/559L or MAR 523), July 1995, 1997 (Other lectures given for other Summer classes in past years)

Professional Organizations:

American Association for the Advancement of Science

American Arachnological Society

American Association for Zoological Nomenclature (Charter Member)

American Fisheries Society (Associate Editor)

American Microscopical Society (Life Member, Nominated as Presidential candidate in 1996)

American Polar Society

American Society of Ichthyologists and Herpetologists

American Society for Microbiology
American Society of Naturalists
American Society of Parasitologists, Editorial Board of Journal of Parasitology 1980-1993; Associate Editor of "Life Cycles and Surveys" (charter member) 1994-1995; (Vice-president 1991; Nominated as Presidential candidate in 1993; numerous committees, Chairman of Honorary and Emeritus Members Committee 1996; Council Members-at-Large, 1996 through 1999; Chairman of Tellers Committee, 1999; Vice-president - President-elect - President - Immediate Past-president, 2001-2004; Public Advocacy Network (ASP-PAN), Chairperson of Distinguished Service Award and Extramural Awards Committee 2004-2008, Local Committee for annual meeting in Mobile, AL, 2005 [Mississippi Representative])
American Society of Tropical Medicine and Hygiene
Asian Fisheries Society
Australian Society for Parasitology
Biological Society of Washington
Caribbean Aquaculture Association
The Crustacean Society
European Association of Fish Pathologists
Florida Association of Benthologists
Helminthological Society of Washington (Editorial Board, 1974-1998)
International Association of Astacology
International Association of Aquatic Animal Medicine
Marine Biological Association of the United Kingdom (Life Member)
Mississippi Academy of Sciences (Life Member)
Mississippi Association of Biologists (Charter Member, presently disbanded)
National Shellfisheries Association (Financial Board)
New York Academy of Sciences
Northwestern Vertebrate Biology
Pacific Seabirds Group
Society of the Sigma Xi
Scandinavian Society for Parasitology
Society for Invertebrate Pathology (Editorial Board, 1982-1985)
Society for Protozoologists (nominated for Nominating Committee, 2003)
Society of Systematic Biologists

Southeastern Society of Parasitologists (Vice President, 1993-1994, President-Elect and Program Officer 1996, President 1997, various committees)

Southwestern Association of Parasitologists

Wildlife Disease Association

World Aquaculture Society (Charter Member)

Editorial Service:

Journal of Helminthological Society of Washington (US), Editorial Board 1974-1998

Journal of Parasitology, Editorial Board 1980-1993; Associate Editor of "Life Cycles and Surveys" (charter member) 1994-1995

Transactions of the American Microscopical Society, Board of Reviewers, 1982-1993 when title of journal changed to "Invertebrate Biology"

Journal of Invertebrate Pathology, Editorial Board 1982-1985

Annales de Parasitologie Humaine et Comparée (France), Editorial Board, 1988-1993 when title of journal changed to "Parasite"

Diseases of Aquatic Organisms (Germany), Editorial Advisor, 1984-2005; Subject Editor (Fish Parasites), 2005- 2008 (into 2010)

Journal of Aquatic Animal Health (American Fisheries Society), Associate Editor/ Editorial Board (charter member) 1993-present

Folia Parasitologica (Czech Republic), Editorial Board, 1997-present

Systematic Parasitology (Great Britain), Co-editor, 1997-present

Acta Parasitologica (Poland), Editorial Board, 1998-present

Neotropical Helminthology (Peru), Advisory Council, 2009-present

Other Professional Activities and Awards:

National Science Foundation Summer Fellowship at Oregon Institute of Marine Biology, Charleston, 1962

National Defense Education Act Fellowship at University of Miami, September 1963 to August 1966

Public Health Service Postdoctoral Fellowship at Tulane Medical School, September 1968 to August 1969

Society of the Sigma Xi, Tulane University Chapter, 1969

Czechoslovakian Fish Farmer Award, České Budejovice, August 1983

Mississippi Academy of Sciences Award for Outstanding Contributions to Science, Jackson, 1987
Health Sciences Research Fellowship, Curtin University of Technology, Perth, Australia, August-September 1994
Fellow of the American Academy of Microbiology, July 2001
The University of Southern Mississippi, University Research Council's Research, Scholarly, and Creative Activity Awards, Award for Applied Research, 24 April 2003
Honor Society of Phi Kappa Phi, The University of Southern Mississippi Chapter, Honorary Member, 4 April 2004
American Fisheries Society, Fish Health Section, S.F. Snieszko Distinguished Service Award, 28 July 2005
The University of Southern Mississippi Innovation Lifetime Achievement Award. Lives Enriched Through Their Endeavors: Research and Scholarship (LETTERS) Day 2008, 31 October 2008
The University of Southern Mississippi 2010 Grand Marshal - Distinguished Professor Award, 22 March 2010
The University of Southern Mississippi Centennial Legacy Circle, 2010 Charter member, 30 March 2010

Patronymics:

Cestoda: Proteocephalidae, *Acanthotaenia overstreeti* Brooks and Schmidt, 1978 (Proceedings of The Helminthological Society of Washington 45[2]:193-195)
Acanthocephala: Rhadinorhynchidae, *Arhythmacanthus overstreeti* Schmidt and Paperna, 1978 (= *Heterosentis overstreeti*) (The Journal of Parasitology 64[5]:846-850)
Digenea: Hemiuridae, *Paravitellotrema overstreeti* Brooks, Mayes, and Thorson, 1979 (= *Thometrema overstreeti*) (Proceedings of The Helminthological Society of Washington 46[1]:52-54)
Digenea: Gorgoderidae, *Xystretum overstreeti* Ahmad, 1982 (Rivista di Parassitologia 43[2]:301-315)
Digenea: Opecoelidae, *Paropecoelus overstreeti* Ahmad, 1983 (Rivista di Parassitologia 44[2]:233-246)
Nematoda: Gnathostomatidae, *Echinocephalus overstreeti* Deardorff and Ko, 1983 (Proceedings of The Helminthological Society of Washington 50[2]:285-293)

- Digenea: Lepocreadiidae, *Preptetos overstreeti* Ahmad, 1984 (Pakistan Journal of Zoology 16[1]:61-73)
- Digenea: Monorchidae, *Retractomonorchis overstreeti* Ahmad, 1985 (Rivista di Parassitologia Vol. 1[XLV, 1984]:19-28)
- Digenea: Monorchidae, *Opisthomonorchoides overstreeti* Ahmad, 1985 (Rivista di Parassitologia Vol. 1[XLV, 1984]:245-252)
- Digenea: Zoogonidae, *Overstreetia* Bray, 1985, (type species *Overstreetia sodwanaensis* Bray, 1985) (Journal of Natural History 19:377-405)
- Digenea: Haploporidae, *Paralecithobotrys overstreeti* Ahmad, 1985 (Revista Ibérica de Parasitologia 45[4]:281-291)
- Digenea: Opecoelidae, *Neonotoporus overstreeti* Ahmad and Dhar, 1987 (Pakistan Journal of Zoology 19[2]:167-184)
- Digenea: Haploporidae, *Pseudounicoelium overstreeti* Ahmad, 1987 (Pakistan Journal of Zoology 19[4]: 321-340)
- Digenea: Haploporidae, *Saccocoelioides overstreeti* Bariega, 1988 (Gayana, Zoologica [1987]51(1-4):3-58)
- Cestoda: Trypanorhyncha: Grillotidae, *Grillotia overstreeti* Sakanari, 1989 (Australian Journal of Zoology 37[1]:81-87) (= *Grillotia shipleyi* (Southwell, 1929) Beveridge and Campbell, 1998)
- Digenea: Monorchidae, *Lasiotocus overstreeti* Gupta and Gupta, 1989 (Rivista di Parassitologia Vol. 6[L-2]:159-163)
- Digenea: Opecoelidae, *Apertile overstreeti* Toman, 1992 (Acta Parasitologica 37[3]:119-126)
- Digenea: Acanthostominae, *Overstreetium* Brooks and Holcman, 1993, subgenus of genus *Proctocaecum* Baugh, 1957 (Proceedings of the Biological Society of Washington 106[2]:207-220)
- Isopoda: Epicaridea: Bopyridae, *Pseudione overstreeti* Adkison and Heard, 1995 (Gulf Research Reports 9[2]:105-110)
- Digenea: Haploporidae, *Pholeohedra overstreeti* Cribb, Pichelin, and Bray, 1998 (Systematic Parasitology 39[2]:95-99)
- Monogenea: Hexabothriidae, *Branchotenthes robinoverstreeti* Bullard and Dippenaar, 2003 (Journal of Parasitology 89[3]:595-601)
- Cestoda: Trypanorhyncha: Tentaculariidae, *Heteronybelinia overstreeti* Palm, 2004. (The Trypanorhyncha Diesing, 1863. PKSPL-IPB Press, Bogor, Republic of Indonesia)
- Nematoda: Philometridae, *Philometra overstreeti* Moravec and de Buron, 2006 (Folia Parasitologica 53[2]: 139-146)

Digenea: Hemiuridae, *Robinia* Pankov, Webster, Blasco-Costa, Gibson, Littlewood, Balbuena, Kostadinova, 2006 (Parasitology 133[2]: 217-227)
Digenea: Hemiuridae, *Saturnius overstreeti* Blasco-Costa, Montero, Gibson, Balbuena, Raga, Shvetsova, and Kostadinova, 2008 (Systematic Parasitology 71[1]: 53-74)
Monogenoidea: Dactylogyridae, *Haliotrematoides overstreeti* Kritsky and Bullard, 2009 in Kritsky, Yang, and Sun (Zootaxa 1970: 1-51 [2009])
Nematoda: Anisakidae, *Contracecum overstreeti* Mattiucci, Paoletti, Solorzano, and Nascetti, 2010 (Systematic Parasitology 75: 207-224)

Listings:

American Men and Women of Science, 1972, 1976, 1986, 1994
Outstanding Educators of America, 1975
International Who's Who in Education, 1980
Personalities of the South, 1981, 1985
The Directory of Distinguished Americans, 1981, 1985
Men of Achievement, 1981, 1985
Who's Who in the South and Southwest, 1982/83, 1985, 1986, 1997/1998, 1999/2000
Who's Who in Frontier Science and Technology, 1984
Dictionary of International Biography, 1985, 1998
Personalities of America, 1985/1986
Citation Directories, Ltd., Who's Who Environmental Registry, 1992
Who's Who in Science and Engineering, 1994-1995, 1996-1997
Who's Who in the World, 1995-1996
Who's Who in Medicine and Healthcare, 1997-1998, 1999-2001
Lexington Who's Who, 1999
International Who's Who of Professionals, 2000

Referee of Scientific Manuscripts: About 1,000 manuscripts have been reviewed for editors of the following journals or books:

Acta Parasitologica (Poland)
Acta Protozoologica (Poland)
African Journal of Aquatic Science (South Africa)
Amazoniana (Brazil)
American Journal of Zoology

American Midland Naturalist
Annales de Parasitologie Humaine et Comparée (France)
Aquaculture
Aquaculture Research (The Netherlands)
Aquarium Sciences and Conservation
Aquatic Toxicology
Asian Fisheries Society
Australian Journal of Marine & Freshwater Research
Boletín del Instituto Oceanográfico de Venezuela
Book chapter, CSIRO Publishing, Collingwood, Victoria, Australia
Book chapter, Fisheries Review
Book chapter, Interrelationships of the Platyhelminthes
Book chapter, Texas Agricultural Extension Service
Book chapters, Freshwater Crayfish
Book chapters, Frontiers in Shrimp Research
Bulletin of Marine Science
Canadian Journal of Fisheries and Aquatic Sciences
Canadian Journal of Zoology
Caribbean Journal of Science
Centro de Investigación y Estudios Avanzados del IPN
Chesapeake Science
Comparative Parasitology
Contributions in Marine Science
Copeia
CRC Press
Diseases of Aquatic Organisms (Germany)
Environmental Biology of Fishes
Estuaries
Experimental Parasitology
Fishery Bulletin
Folia Parasitologica (Czech Republic)
Gulf Research Reports
Gulf and Caribbean Research
Helminthologia (Slovak Republic)
Herpetological Review
Instituto de Ciencias del Mar y Limnología
International Journal of Parasitology (Australia)
Invertebrate Taxonomy (Australia)

Israeli Journal of Aquaculture - Bamidgeh
Journal of Aquatic Animal Health
Journal of Crustacean Biology
Journal of Fish Biology (UK)
Journal of Fish Diseases (UK)
Journal of Helminthological Society of Washington
Journal of Helminthology (UK)
Journal of Invertebrate Pathology
Journal of Medical Entomology
Journal of Morphology
Journal of Natural History (UK)
Journal of North Carolina State Museum of Natural History
Journal of Parasitology
Journal of Protozoology
Journal of Shellfish Research
Journal of the World Aquaculture Society
Journal of Wildlife Diseases
Journal of World Aquaculture (Mariculture) Society
Korean Journal of Parasitology
Maine Naturalist
Marine and Freshwater Research
Marine Biology (Germany)
Memórias do Instituto Oswaldo Cruz (Brazil)
Neotropica (La Plata, Argentina)
Neotropical Helminthology (Peru)
North American Journal of Fisheries Management
Northeast Gulf Science
Parasite (France)
Parasitology (UK)
Parasitology International (Japan)
Parasitology Research (Germany)
Proceedings of the International Symposium International Association of
Astacology
Proceedings of the Louisiana Academy of Science
Proceedings of the Third Symposium on Diseases in Asian Aquaculture
Progressive Fish Culturist
Revista Ciencias Marinas (Venezuela)
Science

Smithsonian Institution Press
Southern California Academy Science Bulletin
Systematic Parasitology (UK)
Taylor & Francis
Transactions of American Fisheries Society
Transactions of the American Microscopical Society
Tulane Studies in Zoology and Botany
Veterinary Parasitology
Zeitschrift für Parasitenkunde (Germany)
Zootaxa

Numerous other manuscripts were reviewed for authors or agencies before being submitted to a journal or book publisher.

Referee of Scientific Proposals: Over 450 proposals have been reviewed for the following agencies:

National Science Foundation
Biological Oceanography
Biological Research Resources Program
Chemical Threats to Man and the Environment Program
Environmental Biology
Ecological Biology Cluster
Polar Biology and Medicine
Population Biology and Physiological Ecology
Research Collections in Systematic & Ecology
Systematic Biology Program

Sea Grant
California Program
Florida Program
Illinois-Indiana Program
Louisiana College Program
Mississippi-Alabama Program
National Program
New York Sea Grant Institute
Oregon State Program
South Carolina Sea Grant Consortium
Texas A&M Program

University of Connecticut
University of Georgia
University of Hawaii Program
University of North Carolina Program
Virginia College Program

U.S. Governmental Agencies

U.S. Department of Agriculture, CSREES
Education and Extension Service
Small Business Innovation Research - Cooperative State
Research
National Aquaculture Research Center, Stuttgart, AR

U.S. Department of Army

U.S. Department of Commerce

National Marine Fisheries Service

National Marine Fisheries Service, MARFIN

U.S. Department of Energy

U.S. Department of Interior

U.S. Fish and Wildlife Service, National Fish Hatchery and
Technology Service, San Marcos, Texas

U.S. Environmental Protection Agency

Australian agencies

Australian Academy of Science, International Programs, Scientific
Exchanges with Japan

Australian Research Council

Large Research Grants Program

Marine Sciences and Technologies Grants Scheme Australian Research
Grants Scheme

New South Wales

United States-Israel Binational Agricultural
Research and Development Fund

Fonds zur Förderung der wissenschaftlichen Forschung (Vienna, Austria)

International Foundation for Science (Stockholm, Sweden)

International Science Foundation

National Research Foundation, South Africa (Proposals and Ratings)

NATO Collaborative Research Grants

Natural Sciences and Engineering Research Council of Canada (NSERC)

Research Council of Canada

The Israel Inter-University Foundation for Ecology

United Nations
Academic Press
CRC Press
American Museum of Natural History
National Geographic Society
Louisiana Board of Regents
PSC-CUNY Research Award Program (City University of New York,
Administered through American Museum of Natural History)
University of California
Research Enhancement Program

Provided (Without Cost) Identifications or Other Services:

A large number of people have requested and received our service, and these people included scientists in academia and in industry, commercial fishermen, recreational fishermen, aquaculturists, attorneys-at-law, physicians, seafood processors, seafood inspectors, pet dealers, industry representatives, government representatives, and lay public.

Membership on Panels:

Ecological Aspects of Proposed Ocean Disposal of Waste Materials Generated from the Manufacture of Hydrazine Rocket Fuel. Office of Research and Development, Office of Environmental Science, U.S. Environmental Protection Agency, Gulf Breeze Environmental Research Laboratory, Gulf Breeze, Florida, 7 January 1975.

Committee on Ecological Effects of a Sea Level Canal, National Research Council of National Academy of Science, National Academy of Science, Washington, D.C., 1-3 September 1977.

Planning Conference on Crustacean Health Research Priorities. Texas A&M University, College Station, Texas, 18-19 November 1977.

Role of Parasites in Marine Ecosystems, National Science Foundation, University of California at Santa Barbara, California, 19-21 January 1981.

Neoplasia in Fish Occurrence and Etiology, Division of Cancer Etiology Workshop, National Cancer Institute, Bethesda, Maryland, 12-13 December 1984.

Stock Enhancement Guidelines Meeting. Florida Department of Natural Resources, St. Petersburg, Florida, 2 May 1985.

General parasite concerns. National Fisheries Educational Research Foundation, National Marine Fisheries Service, Model Seafood Surveillance Program (MSSP), HACCP Workshop, Southeast Finfish and Crawfish Aquaculture Industry, New Orleans, Louisiana, 5-7 December 1989.

Estuarine Assessment and Contaminant Problem Identification Workshop. USEPA Environmental Monitoring and Assessment Program, USEPA Gulf of Mexico Program, USEPA Office of Marine and Estuarine Protection, U.S. Fish and Wildlife Service, and Gulf Coast Research Laboratory, Biloxi, Mississippi, 23-25 April 1991. (Participant in Subgroup 2).

Cobia Culture Research and Development Planning Workshop. NOAA, Sea Grant, Biloxi, Mississippi, 19-20 September 2000.

National Marine Pathogen Plan Workshop. NOAA, National Marine Fisheries Service, and other agencies, Biloxi, Mississippi, 26-28 September 2000. (Eukaryotic Working Group).

Recruitment of Students:

Meetings with student groups were conducted on several occasions at the University of Mississippi, The University of Southern Mississippi, and Mississippi University for Women for attracting them to GCRL. I have recruited numerous individuals to GCRL to study under me or under others at GCRL/USM.

Organization of Scientific Meetings:

Program Chairman, GCRL Staff Seminar Series 1972-1974.

Program Chairman, Mississippi Academy of Sciences, 1973 and 1974 annual meetings.

Organizer, Twenty-second Coccidiosis Conference, 7 December 1986, Denver, Colorado, "How an Understanding of Wildlife Coccidia Aids the Understanding of Coccidians in Man and Domestic Animals."

Program Officer, 1996 annual meeting of Southeastern Society of Parasitologists.

Co-organized Symposium entitled "Fish Parasites as Indicators of Environmental Quality" at EMOP VII (European Multicolloquium of Parasitology), Parma, Italy, 2-6 September 1996.

Organizing Committee of the Sixth International Symposium on Fish Parasites, 22-26 September 2003, Department of Zoology &

Entomology, University of the Free State, Bloemfontein, South Africa.

Organizing Committee of the Seventh International Symposium on Fish Parasites, September 2007, Viterbo, Italy.

Chaired or moderated technical sections at numerous scientific meetings.

ROBIN M. OVERSTREET - List of Publications:

- Overstreet, Robin M. 1968. Parasites of the inshore lizardfish, *Synodus foetens*, from South Florida, including a description of a new genus of Cestoda. *Bulletin of Marine Science* 18(2): 444-470.
- Overstreet, Robin M. 1969. Digenetic trematodes of marine teleost fishes from Biscayne Bay, Florida. *Tulane Studies in Zoology and Botany* 15(4): 119-176.
- Overstreet, Robin M. 1970. *Spinitectus beaveri* sp. n. (Nematoda: Spiruroidea) from the bonefish, *Albula vulpes* (Linnaeus), in Florida. *The Journal of Parasitology* 56(1): 128-130.
- Overstreet, Robin M. 1970. *Baylisacaris procyonis* Stefanski and Zarnowski, 1951) from the kinkajou, *Potos flavus*, in Colombia. *Proceedings of the Helminthological Society of Washington* 37(2): 192-195.
- Overstreet, Robin M. 1970. A synocoeliid (Hemiuroidea Faust, 1929) metacercaria on a copepod from the Atlantic Equatorial Current. *The Journal of Parasitology* 56(4): 834-836.
- Overstreet, Robin M. and Charles E. Brown. 1970. *Lasiotocus trachinoti* sp. n. (Digenea: Monorchidae) from the pompano, *Trachinotus carolinus* (Linnaeus), along the east coast of Florida. *The Journal of Parasitology* 56(5): 941-943.
- Overstreet, Robin M. 1970. Two new species of Digenea from the spot, *Leiostomus xanthurus* Lacépède, from the Gulf of Mexico. *The Journal of Parasitology* 56(6): 1055-1057.
- Overstreet, Robin M. 1971. *Neochasmus sogandaresi* n. sp. (Trematoda: Cryptogonimidae) from the striped bass in Mississippi. *Transactions of the American Microscopical Society* 90(1): 87-89.
- Overstreet, Robin M. 1971. *Metadena spectanda* Travassos, Freitas, and Bührnheim, 1967 (Digenea: Cryptogonimidae) in estuarine fishes from the Gulf of Mexico. *Proceedings of the Helminthological Society of Washington* 38(2): 156-158.
- Overstreet, Robin M. 1971. *Glaucivermis spinosus* gen. et. sp. n. (Digenea: Zoogonidae) from the southern kingfish, *Menticirrhus americanus*

- (Linnaeus), in the coastal waters of Mississippi. *The Journal of Parasitology* 57(3): 536-538.
- Overstreet, Robin M. 1971. Some adult digenetic trematodes in striped mullet from the northern Gulf of Mexico. *The Journal of Parasitology* 57(5): 967-974.
- Overstreet, Robin M. and Harriet M. Perry. 1972. A new microphallid trematode from the blue crab in the northern Gulf of Mexico. *Transactions of the American Microscopical Society* 91(3): 436-440.
- Overstreet, Robin M. and David W. Cook. 1972. An underexploited Gulf Coast fishery: soft shelled crabbing. *The American Fish Farmer & World Aquaculture News* 3(9): 12-17.
- Overstreet, Robin M. 1972. Digenetic trematodes of the Chesapeake Bay. *Chesapeake Science* Vol. 13, Supplement: S106-S107.
- Overstreet, Robin M. 1973. Some species of *Lecithaster* Lühe, 1901 (Digenea: Hemiuridae) and related genera from fishes in the northern Gulf of Mexico. *Transactions of the American Microscopical Society* 92(2): 231-240.
- Dailey, Murray D. and Robin M. Overstreet. 1973. *Cathetocephalus thatcheri* gen. et sp. n. (Tetraphyllidea: Cathetocephalidae fam. n.) from the bull shark: a species demonstrating multistrobilization. *The Journal of Parasitology* 59(3): 469-473.
- Overstreet, Robin M. 1973. Parasites of some penaeid shrimps with emphasis on reared hosts. *Aquaculture* 2(2): 105-140.
- Overstreet, Robin M. and Douglas M. Martin. 1974. Some digenetic trematodes from synphobranchid eels. *The Journal of Parasitology* 60(1): 80-84.
- Overstreet, Robin M. and Earl Weidner. 1974. Differentiation of microsporidian spore-tails in *Inodosporus spraguei* gen. et. sp. n. *Zeitschrift für Parasitenkunde* 44(3): 169-186.
- Overstreet, Robin M. 1974. An estuarine low-temperature fish-kill in Mississippi, with remarks on restricted necropsies. *Gulf Research Reports* 4(3): 328-350.
- Overstreet, Robin M. and Charles H. Lyles. 1974. A rubber band around an Atlantic croaker. *Gulf Research Reports* 4(3): 476-478.
- Gunter, Gordon and Robin Overstreet. 1974. Cetacean notes. I. Sei and orca whales on the Mississippi coast, a correction. II. A dwarf sperm whale in Mississippi Sound and its helminth parasites. *Gulf Research Reports* 4(3): 479-481.
- Norris, Donald E. and Robin M. Overstreet. 1975. *Thynnascaris reliquens* sp. n. and *T. habena* (Linton, 1900) (Nematoda: Ascaridoidea) from fishes in the

- northern Gulf of Mexico and eastern U.S. seaboard. *The Journal of Parasitology* 61(2): 330-336.
- Overstreet, Robin M. 1975. Buquinolate as a preventive drug to control microsporidiosis in the blue crab. *Journal of Invertebrate Pathology* 26(2): 213-216.
- Sawyer, Roy T., Adrian R. Lawler, and Robin M. Overstreet. 1975. Marine leeches of the eastern United States and the Gulf of Mexico with a key to the species. *Journal of Natural History* 9(6): 633-667.
- Overstreet, Robin M. and F.G. Hochberg, Jr. 1975. Digenetic trematodes in cephalopods. *Journal of the Marine Biological Association of the United Kingdom* 55(4): 893-910.
- Overstreet, Robin M. and Edward C. Whatley, Jr. 1976. Prevention of microsporidiosis in the blue crab, with notes on natural infections. *Proceedings of the Sixth Annual Workshop, World Mariculture Society (1975)*: 335-345.
- Norris, Donald E. and Robin M. Overstreet. 1976. The public health implications of larval *Thynnascaris* nematodes from shellfish. *Journal of Milk and Food Technology* 39(1): 47-54.
- Edwards, Robert H. and Robin M. Overstreet. 1976. Mesenchymal tumors of some estuarine fishes of the northern Gulf of Mexico. I. Subcutaneous tumors, probably fibrosarcomas, in the striped mullet, *Mugil cephalus*. *Bulletin of Marine Science* 26(1): 33-40.
- Overstreet, Robin M. and Robert H. Edwards. 1976. Mesenchymal tumors of some estuarine fishes of the northern Gulf of Mexico. II. Subcutaneous fibromas in the southern flounder, *Paralichthys lethostigma*, and the sea catfish, *Arius felis*. *Bulletin of Marine Science* 26(1): 41-48.
- Overstreet, Robin M. 1976. *Fabespora vermicola* sp. n., the first myxosporidan from a platyhelminth. *The Journal of Parasitology* 62(5): 680-684.
- Overstreet, Robin M. 1976. A redescription of *Crassicutis archosargi*, a digenean exhibiting an unusual tegumental attachment. *The Journal of Parasitology* 62(5): 702-708.
- Lawler, Adrian R. and Robin M. Overstreet. 1976. *Absonifibula bychowskyi* gen. et sp. nov. (Monogenea: Absonifibulinae subfam. nov.) from the Atlantic croaker, *Micropogon undulatus* L.), from Mississippi, U.S.A. *In Studies on the Monogeneans, Proceedings of the Institute of Biology and Pedology, Far-East Science Centre, Academy of Sciences of the USSR, New series* 34(137): 83-91 [In Russian].

- Overstreet, Robin M. 1977. A revision of *Saturnius* Manter, 1969 (Hemiuridae: Bunocotylineae) with descriptions of two new species from the striped mullet. *Excerpta Parasitológica en Memoria del Doctor Eduardo Caballero y Caballero*. Universidad Nacional Autónoma México, Instituto de Biología Publicaciones Especiales 4: 273-284.
- Brooks, Daniel R., Robin M. Overstreet, and Danny B. Pence. 1977. New records of proterodiplostome digeneans from *Alligator mississippiensis* and *Caiman crocodilus fuscus*. *Proceedings of the Helminthological Society of Washington* 4(2): 237-238.
- Overstreet, Robin M. 1977. *Poecilancistrum caryophyllum* and other trypanorhynch cestode plerocercoids from the musculature of *Cynoscion nebulosus* and other sciaenid fishes in the Gulf of Mexico. *The Journal of Parasitology* 63(5): 780-789.
- Hendrix, Sherman S. and Robin M. Overstreet. 1977. Marine aspidogastriids (Trematoda) from fishes in the northern Gulf of Mexico. *The Journal of Parasitology* 63(5): 810-817.
- Overstreet, Robin M. and Mary Hanson Pritchard. 1977. Two new zoogonid Digenea from deep-sea fishes in the Gulf of Panama. *The Journal of Parasitology* 63(5): 840-844.
- Overstreet, Robin M. and Harold D. Howse. 1977. Some parasites and diseases of estuarine fishes in polluted habitats of Mississippi. *In Aquatic Pollutants and Biologic Effects with Emphasis on Neoplasia*, edited by H.F. Kraybill, C.J. Dawe, J.C. Harshbarger, and R.G. Tardiff. *Annals of The New York Academy of Sciences* 298: 427-462.
- Overstreet, Robin M. 1977. Microsporidiosis of the blue crab. *In Disease Diagnosis and Control in North American Marine Aquaculture*, edited by Carl J. Sindermann. *Developments in Aquaculture and Fisheries Science*, Vol. 6. Elsevier Scientific Publishing Company, Amsterdam. pp. 117-121.
- Brooks, Daniel R. and Robin M. Overstreet. 1977. Acanthostome digeneans from the American alligator in the southeastern United States. *Proceedings of the Biological Society of Washington* 90(4): 1016-1029.
- Overstreet, Robin M. 1978. *Marine Maladies? Worms, Germs, and Other Symbionts from the Northern Gulf of Mexico*. Mississippi-Alabama Sea Grant Consortium, MASGP-78-021. 140 p.
- Overstreet, Robin M. and Thomas Van Devender. 1978. Implication of an environmentally-induced hamartoma in commercial shrimps. *Journal of Invertebrate Pathology* 31(2): 234-238.

- Buckner, Richard L., Robin M. Overstreet, and Richard W. Heard. 1978. Intermediate hosts for *Tegorhynchus furcatus* and *Dollfusentis chandleri* (Acanthocephala). Proceedings of the Helminthological Society of Washington 45(2): 195-201.
- Fusco, Alan C. and Robin M. Overstreet. 1978. *Ascarophis distortus*, a new spiruroid nematode from a chaetodontid fish in the northern Red Sea. Proceedings of the Biological Society of Washington 91(2): 374-378.
- Fusco, Alan C. and Robin M. Overstreet. 1978. *Spirocamallanus cricotus* sp. n. and *S. halitrophus* sp. n. (Nematoda: Camallanidea) from fishes in the northern Gulf of Mexico. The Journal of Parasitology 64(2): 239-244.
- Brooks, Daniel R. and Robin M. Overstreet. 1978. The family Liolopidae (Digenea) including a new genus and two new species from crocodilians. International Journal for Parasitology 8(4): 267-273.
- Deardorff, Thomas L. and Robin M. Overstreet. 1978. *Thynnascaris rhacodes* sp. n. (Nematoda: Ascaridoidea) in fishes from the Israeli Mediterranean coast. Annales de Parasitologie Humaine et Comparée 53(5): 519-525.
- Overstreet, Robin M. 1978. Trypanorhynch infections in the flesh of sciaenid fishes. Marine Fisheries Review 40(10): 37-38.
- Overstreet, Robin M. and Richard W. Heard. 1979. Food of the Atlantic croaker, *Micropogonias undulatus*, from Mississippi Sound and the Gulf of Mexico. Gulf Research Reports (1978) 6(2): 145-152.
- Overstreet, Robin M. and Richard W. Heard. 1979. Food of the red drum, *Sciaenops ocellata*, from Mississippi Sound. Gulf Research Reports (1978) 6(2): 131-135.
- Fusco, Alan C. and Robin M. Overstreet. 1979. Two camallanid nematodes from Red Sea fishes including *Procamallanus elatensis* sp. nov. from siganids. Journal of Natural History 13(1): 35-40.
- Weidner, Earl and Robin M. Overstreet. 1979. Sporogenesis of a myxosporidan with motile spores. Cell and Tissue Research 201(3): 331-342.
- Overstreet, Robin M. 1979. Crustacean health research at the Gulf Coast Research Laboratory. Proceedings of the Second Biennial Crustacean Health Workshop, Texas A&M University. College Station, Texas, TAMU-SG-79-114: 300-314.
- Duszynski, Donald W., Mobashir A. Solangi, and Robin M. Overstreet. 1979. A new and unusual eimerian (Protozoa: Eimeriidae) from the liver of the Gulf killifish, *Fundulus grandis*. Journal of Wildlife Diseases 15(4): 543-552.
- Becker, C. Dale and Robin M. Overstreet. 1979. Haematozoa of marine fishes from the northern Gulf of Mexico. Journal of Fish Diseases 2(6): 469-479.

- Deardorff, Thomas L. and Robin M. Overstreet. 1979. *Goezia lacerticola* sp. n. (Nematoda: Anisakidae) in *Alligator mississippiensis* from Florida. *Journal of Helminthology* 53(4): 317-320.
- Solangi, Mobashir A., Robin M. Overstreet, and Ann L. Gannam. 1979. A filamentous bacterium on the brine shrimp and its control. *Gulf Research Reports* 6(3): 275-281.
- Solangi, Mobashir A. and Robin M. Overstreet. 1980. Biology and pathogenesis of the coccidium *Eimeria funduli* infecting killifishes. *The Journal of Parasitology* 66(3): 513-526.
- Deardorff, Thomas L. and Robin M. Overstreet. 1980. Taxonomy and biology of species of *Goezia* (Nematoda: Anisakidae) from fishes, including three new species. *Proceedings of the Helminthological Society of Washington* 47(2): 192-217.
- Deardorff, Thomas L. and Robin M. Overstreet. 1980. *Contracaecum multipapillatum* (= *C. robustum*) from fishes and birds in the northern Gulf of Mexico. *The Journal of Parasitology* 66(5): 853-856.
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- Overstreet, R.M. Ecological aspects of the acanthocephalan *Dollfusentis chandleri* Golvan 1969 in an estuarine fish. Fiftieth Annual Meeting, The American Society of Parasitologists. New Orleans, Louisiana. 10-14 November 1975. Journal of Parasitology Supplement 61:101, abstract.
- Overstreet, R.M. Commensalism and parasitism of local marine animals. USM Extension Course, Marine Education Center, Biloxi, Mississippi. 16 December 1995. Invited.
- Overstreet, R.M. Aquatic disease problems. South Mississippi Veterinary Association. Keesler Air Force Base, Mississippi. 27 May 1976. Invited.
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- Overstreet, Robin M. Diseases in marine fishes in polluted water in Mississippi. Seminar Program. Biology Department, Tulane University. New Orleans, Louisiana. 22 March 1977. Invited.
- Overstreet, Robin M. Public health aspects of parasites associated with estuarine animals. Seminar Program, Gulf Coast Research Laboratory. Ocean Springs, Mississippi. 26 July 1977. Invited.
- Overstreet, Robin M. Infections of the trypanorhynch cestode *Poecilancistrum caryophyllum* in flesh of a marine fish. Fifty-second Annual Meeting, The American Society of Parasitologists. Las Vegas, Nevada. 14-19 August 1977. Journal of Parasitology Supplement, p. 52, abstract.
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- Overstreet, Robin M. Aquatic pathogens. Seminar-lecture, Department of Biology, Mississippi University for Women. 15 February 1979. Invited.
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- Manning, C.S., William W. Walker, W.D. Burke, William E. Hawkins and Robin M. Overstreet. Carcinogen testing using small fish species: flow-through exposures. Forty-eighth Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 21-24 February 1984. Journal Supplement 29: 66, abstract.
- Hawkins, William E., Robin M. Overstreet and William W. Walker. Carcinogen testing using small fish species: Pulse exposures. Forty-eighth Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 21-24 February 1984. Journal Supplement 29: 67, abstract.
- Overstreet, Robin M., William E. Hawkins and William W. Walker. Biochemical, pharmacological and tumorigenic studies on a composite of drinking water carcinogens and mutagens utilizing aquatic animals for bioassays. Third NCI/EPA/ NIOSH Collaborative Workshop. Bethesda, Maryland. 21-23 March 1984. Invited, abstract.
- Overstreet, Robin M. Environmental effects on parasites and diseases in fishes. Seminar Program. Department of Parasitology, University of Queensland, Queensland, Australia. 13 March 1984. Invited.
- Overstreet, Robin M. Environmental effects on estuarine fish diseases. Seminar Program. Department of Zoology, University of New England, Armidale, New South Wales, Australia. 19 March 1984. Invited.
- Overstreet, Robin M. Biological aspects of some helminth infections in estuarine fishes. Seminar Program. Department of Zoology, University of Queensland, Queensland, Australia. 30 March 1984. Invited.
- Overstreet, Robin M. Biology and morphology of fish coccidians. Seminar Program. Department of Parasitology, University of Queensland, Queensland, Australia. 2 May 1984. Invited.
- Hawkins, William E., Robin M. Overstreet, William W. Walker and C.S. Manning. Tumor induction in several small fish species by classical carcinogens and related compounds. Fifth Conference on Water Chlorination. Williamsburg, Virginia. 3-8 June 1984. Proceedings: 33, invited, abstract, article.

- Overstreet, Robin M. Marine fish parasites of human health importance. Seminar Program. Seminar, Program Dauphin Island U.S. Environmental Protection Laboratory. Dauphin Island, Alabama. 20 July 1984. Invited.
- Hawkins, William E., William W. Walker, Robin M. Overstreet and John W. Fournie. Small aquarium fishes as models for environmental carcinogenesis: tumor induction in seven fish species. Fifth Annual Meeting, Society of Environmental Toxicology and Chemistry. Arlington, Virginia. 4-7 November 1984. Abstract.
- Walker, W., W. Hawkins, R. Overstreet and S. Manning. Small aquarium fishes as models for environmental carcinogenesis: exposure methodology. Fifth Annual Meeting, Society of Environmental Toxicology and Chemistry. Arlington, Virginia. 4-7 November 1984. Abstract.
- Hawkins, W.E., J.W. Fournie, R.M. Overstreet and W.W. Walker. Histogenesis of intraocular neoplasms induced by methylazoxymethanol acetate in Japanese medaka, a small fish species. Forty-ninth Annual Meeting, Mississippi Academy of Sciences. Jackson, Mississippi. 20-22 February 1985.
- Hawkins, William E., Robin M. Overstreet and William W. Walker. Ultrastructural studies on chemically-induced neoplastic lesions in some small fish species. Fourth Annual Meeting, Alabama Electron Microscopy Society. Mobile, Alabama. 6-8 March 1985. Abstract.
- Hawkins, William E., John W. Fournie, Robin M. Overstreet and Carol M. Morrison. Ultrastructural observations on three species of hepatic coccidians infecting fishes. Tenth Annual Eastern Fish Health Workshop. Chestertown, Maryland. 17-20 June 1985. Abstract.
- Hawkins, William E., William W. Walker, Robin M. Overstreet and John W. Fournie. Tumorigenic response of several small fish species to methylazoxymethanol acetate. Tenth Annual Eastern Fish Health Workshop. Chestertown, Maryland. 17-20 June 1985. Abstract.
- Manning, C. Steve, William W. Walker, William E. Hawkins, and Robin M. Overstreet. Growth inhibition in *Oryzias latipes* and *Poecillia reticulata* during chronic exposure to xenobiotics in flowing fresh and saline water. Sixth Annual Meeting of the Society of Environmental Toxicology and Chemistry. St. Louis, Missouri. 6-13 November 1985. p. 116, abstract.
- Conroy, Gina, R.M. Overstreet, and D.A. Conroy. 1985. Observations on *Phagicola* sp. (Trematoda: Heterophyidae) as a parasite problem in grey mullets from South America, with particular reference to Brasil and Venezuela. Proceedings of the First International Conference on Warm Water Aquaculture - Finfish: 12 Brigham Young University, Laie, Hawaii. Abstract.

- Fournie, John W., William E. Hawkins and Robin M. Overstreet. Organization of sporulated oocysts of two species of the piscine coccidium *Calyptospora*. 60th Annual Meeting, American Society of Parasitologists. Athens, Georgia. 4-8 August 1985. p. 38, abstract.
- Overstreet, Robin M., John W. Fournie and William E. Hawkins. Eimeriina in fishes. 60th Annual Meeting, American Society of Parasitologists. Athens, Georgia. 4-8 August 1985. p. 52, invited, abstract.
- Hawkins, William E., Robin M. Overstreet and William W. Walker. Ultrastructure of chemically-induced neoplastic lesions in small fish species. Joint Meeting of the Louisiana and Texas Societies for Electron Microscopy. Beaumont, Texas. 31 October - 2 November 1985. Abstract.
- Hawkins, William E., Robin M. Overstreet, William Walker, J. W. Fournie and C.S. Manning. Small fish bioassays for carcinogen testing and development of tumor models. The Use of Aquatic Organisms as Monitors of Environmental Carcinogens, Tulane University and the Louisiana Environmental Health Association. New Orleans, Louisiana. 29-30 January 1986. Invited, abstract.
- Overstreet, Robin M. Biochemical, pharmacological and tumorigenic studies on a composite of drinking water carcinogens and mutagens utilizing aquatic animals. Fourth NCI/EPA/NIOSH Collaborative Workshop. Rockville, Maryland. 22 April 1986. Invited, abstract.
- Hawkins, William E., Robin M. Overstreet and William W. Walker. Ultrastructure of hepatic carcinogenesis in small fish species. Louisiana Society for Electron Microscopy. Baton Rouge, Louisiana. 22 May 1986. Abstract.
- Heard, C.S., W.E. Hawkins, R.M. Overstreet, W.W. Walker, J.W. Fournie, and C.S. Manning. 1986. Development of carcinogenesis models utilizing small fish species. Mechanisms of Pollutant Action in Aquatic Organisms, National Institute of Environmental Health Sciences. Research Triangle Park, North Carolina. 21-22 May 1986. Abstract.
- Hawkins, William E., Robin M. Overstreet, W.W. Walker and J.W. Fournie. Use of small fish species for carcinogen testing and development of tumor models. Use of Non-Mammalian Animal Models in Research for Testing, American Association for the Advancement of Science. Philadelphia, Pennsylvania. 29 May 1986. Invited, abstract.
- Vogelbein, W.K. and R.M. Overstreet. Histopathology of the internal anchor tag in the spot, *Leiostomus xanthurus*. 1986 Joint Meeting: Tenth Annual Fish Health Section/American Fisheries Society and 11th Annual Eastern Fish Health Workshop. U.S. Fish and Wildlife Service, National Fish Health

- Research Laboratory. Kearneysville, West Virginia. 22-24 July 1986. Abstract.
- Hawkins, William E., Robin M. Overstreet and William W. Walker. Ultrastructural analysis of hepatic carcinogenesis in two small fish species. Forty-Fourth Annual Meeting of the Electron Microscopy Society of America. Albuquerque, New Mexico. 10-15 August 1986. Proceedings: 124-125, abstract.
- Overstreet, Robin M. Solving parasite-related problems in cultured Crustacea. The Sixth International Congress of Parasitology. Brisbane, Queensland, Australia. 24-29 August 1986. Invited, abstract, article.
- Hawkins, W.E., R.M. Overstreet and William W. Walker. Carcinogenicity tests with small species. Toxic Chemicals and Aquatic Life: Research and Management, National Oceanic and Atmospheric Administration, Environmental Protection Agency, National Cancer Institute, U.S. Army, King County METRO, Washington State Science, Ecology and Environment, Inc., and Battelle Marine Research Laboratory. Seattle, Washington. 16-18 September 1986. p. 18, invited, abstract, article.
- Overstreet, R.M. Aquatic pollution problems, southeastern U.S. Coasts: II. biological aspects. Toxic Chemicals and Aquatic Life: Research and Management, National Oceanic and Atmospheric Administration, Environmental Protection Agency, National Cancer Institute, U.S. Army, King County METRO, Washington State Department of Ecology, Virginia Institute of Marine Science, Ecology and Environment, Inc., and Battelle Marine Research Laboratory. Seattle, Washington. 16-18 September 1986. p. 23, invited, abstract, article.
- Hawkins, William E., Robin M. Overstreet and William W. Walker. Toxic and carcinogenic effects of halomethanes and related compounds on two species of small fishes. Water and Human Health, American Water Resources Association. Atlanta, Georgia. 9-14 November 1986. Invited, abstract.
- Overstreet, Robin M. Introductory remarks for symposium "How an Understanding of Wildlife Coccidia Aids the Understanding of Coccidians in Man and Domestic Animals." Twenty-second Coccidiosis Conference. Denver, Colorado. 7 December 1986. Organizer.
- Hawkins, William E., Robin M. Overstreet and John W. Fournie. Morphogenic and biological relationships between piscine Coccidia and those infecting higher vertebrates. Twenty-second Coccidiosis Conference. Denver, Colorado. 7 December 1986. Invited, abstract.

- Font, W.F., R.M. Overstreet and R.W. Heard. Host and geographic distribution of *Phagicola nana* (Digenea: Heterophyidae). Sixty-first Annual Meeting, American Society of Parasitologists. Denver, Colorado. 7-11 December 1986. p. 81, abstract.
- Deardorff, Thomas L., Robin M. Overstreet, May Okihiro and Roland Tam. New human health hazard from marine fish: a penetrating case report. Sixty-first Annual Meeting, American Society of Parasitologists. Denver, Colorado. 7-11 December 1986. p. 62, abstract.
- Heard, Richard W. and Robin M. Overstreet. Occurrence of an epicaridean isopod parasite on the opossum shrimp, *Mysidopsis bahia*, from Mississippi Sound. Fifty-first Annual Meeting, Mississippi Academy of Sciences. Jackson, Mississippi. 26-27 February 1987. Journal Supplement: 93, abstract.
- Hawkins, W.E., R.M. Overstreet and W.W. Walker. Toxic and carcinogenic effects of a trihalomethane mixture on two species of small fishes. Fifty-first Annual Meeting, Mississippi Academy of Sciences. Jackson, Mississippi. 26-27 February 1987. Journal Supplement: 43, abstract.
- Overstreet, R.M. Parasites of blue crabs. Smithsonian Environmental Research Center, Workshop on the Ecology of Blue Crabs and Other Portunid Species. Edgewater, Maryland. 23-24 May 1987. Invited, abstract.
- Vogelbein, Wolfgang K., John W. Fournie, and Robin M. Overstreet. Induction of hepatic melano-macrophage center formation in *Rivulus marmoratus* by the coccidium *Calyptospora funduli*. Joint Annual Meeting of the Fish Health Section of the American Fisheries Society, The Eastern Fish Health Workshop and The Midwest Fish Health Workshop. Baton Rouge, Louisiana. 13-16 July 1987.
- Vogelbein, W.K., J.W. Fournie, and R.M. Overstreet. Sequential development and morphology of experimentally induced hepatic melano-macrophage centers in *Rivulus marmoratus*. Inter-national Meeting on Fish Immunology. Plymouth, England. 20-24 July 1987. Abstract, article.
- Overstreet, Robin M. and Richard W. Heard. A dajid isopod infesting a mysid in the Gulf of Mexico. Sixty-second Annual Meeting, American Society of Parasitologists, University of Nebraska. Lincoln, Nebraska. 2-6 August 1987. p. 35, abstract.
- Hawkins, William E., William W. Walker, Robin M. Overstreet, Julia S. Lytle, and Thomas F. Lytle. Carcinogenicity studies with PAH on small aquarium fishes. Eleventh International Symposium on Polynuclear Aromatic Hydrocarbons. Gaithersburg, Maryland. 23-24 September 1987. p. 47, abstract.

- Hawkins, William E., William W. Walker, Robin M. Overstreet, Julia S. Lytle, and Thomas F. Lytle. Effects of some polynuclear aromatic hydrocarbons on small fish carcinogenesis models. Fourteenth Annual Aquatic Toxicity Workshop. Toronto, Ontario, Canada. 1-4 November 1987. p. 79, abstract.
- Walker, W.W., C.S. Manning, R.M. Overstreet, and W.E. Hawkins. Medaka sensitivity to trichloroethylene as affected by size. Fourteenth Annual Aquatic Toxicity Workshop. Toronto, Ontario, Canada. 3 November 1987. Abstract
- Manning, S., W. Walker, R. Overstreet, and W. Hawkins. 1987. Growth and fecundity responses in guppy and medaka during 180 days exposure to a halomethane mixture. Eighth Annual Meeting, Society of Environmental Toxicology and Chemistry Environmental Risk: Recognition, Assessment, and Management. Pensacola, Florida. 9-12 November 1987. Abstract.
- Krol, Rena A., William E. Hawkins, and Robin M. Overstreet. Ultrastructural studies on the pathogenesis of *Baculovirus penaei* infecting cultured shrimp. Louisiana Society for Electron Microscopy Meeting. New Orleans, Louisiana. 13 November 1987. Abstract.
- Overstreet, Robin M., William E. Hawkins, Rena A. Krol, and Kenneth C. Stuck. Experimental infections with *Baculovirus penaei* in *Penaeus vannamei*. Nineteenth Annual Conference and Exposition World Aquaculture Society Meeting. Honolulu, Hawaii. 4-8 January 1988. Journal of the World Aquaculture Society 19(1):56A, invited, abstract, article.
- Ellender, R.D., B.L. Middlebrooks, S.L. McGuire, and R.M. Overstreet. Evaluation of various growth enhancement factors, media formulations, and support matrices for the development of primary and established cell lines from *Penaeus hepatopancreas*. Nineteenth Annual Conference and Exposition World Aquaculture Society Meeting. Honolulu, Hawaii. 4-8 January 1988. Journal of the World Aquaculture Society 19(1): 28A, abstract.
- Hawkins, William E., William W. Walker, Robin M. Overstreet, Julia S. Lytle, and Thomas F. Lytle. Effects of some polynuclear aromatic hydrocarbons on small fish carcinogenesis models. Fifty-second Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 24-26 February 1988. p. 87, abstract.
- Vogelbein, Wolfgang K. and Robin M. Overstreet. Experimental induction of hepatic melano-macrophage centers in *Rivulus marmoratus*. Fifty-second Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 24-26 February 1988. p. 88, abstract.

- Lotz, Jeffrey M., Wolfgang K. Vogelbein, and Robin M. Overstreet. Observations on two species of apostome ciliates of *Penaeus* spp. from the northern Gulf of Mexico. Fifty-second Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 24-26 February 1988. p. 81, abstract.
- Lytle, Thomas F., Julia S. Lytle, William W. Walker, William E. Hawkins, and Robin M. Overstreet. Behavior characteristics of polynuclear aromatic hydrocarbons in aquatic systems. Fifty-second Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 24-26 February 1988. p. 86, abstract.
- Krol, Rena A., William E. Hawkins, Robin M. Overstreet, and Kenneth C. Stuck. Histopathogenesis of *Baculovirus penaei* infecting cultured shrimp. Fifty-second Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 24-26 February 1988. p. 82, abstract.
- Walker, William W., C. Steven Manning, William E. Hawkins, and Robin M. Overstreet. Sub-lethal effects in medaka (*Oryzias latipes*) exposed to ethylene dibromide. Fifty-second Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 24-26 February 1988. p. 87, abstract.
- Hawkins, William E., William W. Walker, and Robin M. Overstreet. Carcinogen-induced lesions in small fish species. International Association for Aquatic Animal Medicine. Orlando, Florida. 22-25 May 1988. p. 147, abstract.
- Vogelbein, Wolfgang K. and Robin M. Overstreet. Life-history and pathology of a heterophyid trematode infecting Florida-reared ornamental fishes. International Association for Aquatic Animal Medicine. Orlando, Florida. 22-25 May 1988. p. 138, abstract.
- Overstreet, Robin. Shrimp parasites and diseases. International Association for Aquatic Animal Medicine. Orlando, Florida. 22-25 May 1988. p. 137, abstract.
- Walker, W.W., W.E. Hawkins, and R.M. Overstreet. Sub-lethal effects in medaka (*Oryzias latipes*) exposed to ethylene dibromide. Twenty-first Annual Meeting of the Association of Island Marine Laboratories of the Caribbean. Sarasota, Florida. 24-27 May 1988. Abstract.
- Hawkins, W.E., W.W. Walker, R.M. Overstreet, J.S. Lytle, and T.F. Lytle. Carcinogenic effects of some polynuclear aromatic hydrocarbons on the Japanese medaka and guppy in waterborne exposures. International Fish Health Conference. Vancouver, B.C., Canada. 17-21 July 1988. Abstract.
- Vogelbein, W.K., J.W. Fournie, and R.M. Overstreet. Ultra-structural features of hepatic macrophage center induction by the apicomplexan *Calyptospora*

- funduli*. International Fish Health Conference. Vancouver, B.C., Canada. 17-21 July 1988. Abstract.
- Krol, R.A., W.E. Hawkins, W.K. Vogelbein, and R.M. Overstreet. Histopathology and ultrastructure of the hemocytic response to bacterial infection in cultured *Penaeus vannamei*. International Fish Health Conference. Vancouver, B.C., Canada. 17-21 July 1988. Poster.
- Overstreet, Robin M. Introduction to metazoan parasitic diseases. Third International Colloquium on Pathology in Marine Aquaculture. Virginia Institute of Marine Science, The College of William and Mary. Gloucester, Virginia. 2-6 October 1988. Invited, article.
- Krol, Rena A., William E. Hawkins, and Robin M. Overstreet. Histopathology and ultrastructure of three viral diseases of cultured shrimp. Louisiana Society for Electron Microscopy. Covington, Louisiana. 4 November 1988. p. 10, abstract.
- Heard, C.S., W.W. Walker, W.E. Hawkins, and R.M. Overstreet. Exposure of the Japanese medaka (*Oryzias latipes*) to ethylene dibromide: Toxicity, carcinogenicity, and hepatic biochemical effects. The Ninth Annual Meeting of the Society of Environmental Toxicology and Chemistry. Arlington, Virginia. 13-17 November 1988. Abstract.
- Overstreet, R.M. AIDS: Amazing infectious diseases of shrimp. Virginia Institute of Marine Science, College of William and Mary. Gloucester Point, Virginia. 19 January 1989. Invited.
- Lotz, Jeffrey M., Robin M. Overstreet, Kristin H. Lotz, and William D. Burke. Infection of *Penaeus vannamei* and *Mysidopsis bahi* with *Parauronema virginianum*. World Aquaculture Society Meeting. Los Angeles, California. 12-16 February 1989. Journal of the World Aquaculture Society 20(1): 52A, abstract.
- Lytle, Thomas F., Julia S. Lytle, William W. Walker, William E. Hawkins, and Robin M. Overstreet. Chemical/biological behavior of water-borne aromatic hydrocarbons. Oil Spill Conference. San Antonio, Texas. 13-16 February 1989. Abstract, article.
- Krol, Rena A., William E. Hawkins, and Robin M. Overstreet. Histopathology and ultrastructure of three viral diseases of cultured shrimp. Fifty-third Annual Meeting, Mississippi Academy of Sciences. Jackson, Mississippi. 23-24 February 1989. p. 79, abstract.
- Walker, William W., Cherie S. Heard, William E. Hawkins, and Robin M. Overstreet. Toxicological, tumorigenic, and biochemical responses in Japanese medaka exposed to ethylene dibromide. Fifty-third Annual Meeting, Mississippi

- Academy of Sciences. Jackson, Mississippi. 23-24 February 1989. Abstract.
- Hawkins, William E., William W. Walker, and Robin M. Overstreet. Toxic and carcinogenic effects of halomethanes and related compounds on two species of small fishes. Fifty-third Annual Meeting, Mississippi Academy of Sciences. Jackson, Mississippi. 23-24 February 1989. Abstract.
- Hawkins, William E., William W. Walker, Thomas F. Lytle, Julia S. Lytle, and Robin M. Overstreet. Carcinogenicity of benzo[a] pyrene and 7,12-dimethylbenz[a]anthracene to the medaka (*Oryzias latipes*), guppy (*Poecilia reticulata*), and sheepshead minnow (*Cyprinodon variegatus*). Fifth International Symposium on Responses of Marine Organisms to Pollutants. Plymouth, England. 12-14 April 1989. Abstract.
- Walker, William W., William E. Hawkins, Cherie S. Heard, and Robin M. Overstreet. Toxic, carcinogenic and hepatic biochemical effects of ethylene dibromide on the Japanese medaka (*Oryzias latipes*). Fifth International Symposium on Responses of Marine Organisms to Pollutants. Plymouth, England. 12-14 April 1989. Abstract.
- Overstreet, Robin M. Shrimp diseases and other delicacies. The University of Southern Mississippi, Biology Department Forum, Hattiesburg, Mississippi. 17 April 1989. Invited.
- Overstreet, Robin M. Shrimp diseases other than those caused by parasites. Aquatic Toxicology/Pathology Roundtable. Gulf Coast Research Laboratory. Ocean Springs, Mississippi. 28 April 1989.
- Overstreet, Robin M. Aquaculture discussion: shrimp. Pfizer, Inc., Central Research. Groton, Connecticut. 11-12 July 1989. Invited.
- Hawkins, William E., William W. Walker, Thomas F. Lytle, Julia S. Lytle, and Robin M. Overstreet. Development of small fish carcinogenesis bioassays. Second Annual Research Methods Branch Workshop. U.S. Army Biomedical Research and Development Laboratory, Ft. Detrick, Frederick, Maryland. 9 August 1989. Invited.
- Walker, William W., William E. Hawkins, Robin M. Overstreet, and Thomas F. Lytle. Dose-response relationships at low carcinogen concentrations in a small fish carcinogenesis model. Second Annual Research Methods Branch Workshop. U.S. Army Biomedical Research and Development Laboratory, Ft. Detrick, Frederick, Maryland. 9 August 1989. Invited.
- Overstreet, Robin M. Some diseases of shrimp. Oceanic Institute Seminar. Makapuu Point, Honolulu, Hawaii. 21 September 1989. Invited.

- Overstreet, Robin M. Antipodean aquaculture agents. 25th Annual General Meeting of the Australian Society for Parasitology. Townsville, Queensland, Australia. 26-29 September 1989. p. 116, invited, abstract.
- Hawkins, William E., Michael St. J. Battalora, William W. Walker, and Robin M. Overstreet. Occurrence of lymphoma in carcinogenesis bioassay specimens of the Japanese medaka (*Oryzias latipes*). XIVth Meeting of the International Association for Comparative Research on Leukemia and Related Diseases. Vail, Colorado. 6-12 October 1989. Invited, abstract.
- Battalora, Michael St. J., William E. Hawkins, William W. Walker, and Robin M. Overstreet. Light and electron microscopic observations on a lymphoma from carcinogenesis bioassay specimens of the Japanese medaka (*Oryzias latipes*). Louisiana Society for Electron Microscopy. Biloxi, Mississippi. 27-28 October 1989. Abstract.
- Overstreet, Robin M. General parasite concerns. National Fisheries Educational Research Foundation, National Marine Fisheries Service, Model Seafood Surveillance Program (MSSP), HACCP Workshop, Southeast Finfish and Crawfish Aquaculture Industry. New Orleans, Louisiana. 5-7 December 1989. Invited, article.
- Hawkins, William E., W. W. Walker, and R.M. Overstreet. Basic research for dose-response modeling: An EDO1-type study using a small fish model. Chemical Manufacturers Association: Aquatic Models in Carcinogenicity Workshop. Washington D.C. 30 January - 1 February 1990. Invited.
- Murphy, Deborah L. and Robin M. Overstreet. Infestations of the ciliate *Zoothamnium* sp. on commercial shrimps in Mississippi Sound. Fifty-fourth Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 22-23 February 1990. p. 75, abstract.
- Battalora, Michael St. J., William E. Hawkins, William W. Walker, and Robin M. Overstreet. Lymphoma in the Japanese medaka (*Oryzias latipes*). Fifty-fourth Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 22-23 February 1990. p. 81, abstract.
- Krol, Rena M., William E. Hawkins, Robert J. Allen, and Robin M. Overstreet. Multiple bacterial infections in cultured Pacific white shrimp (*Penaeus vannamei*). Fifty-fourth Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 22-23 February 1990. p. 73, abstract.
- Hawkins, William E., Michael St. J. Battalora, William W. Walker, and Robin M. Overstreet. Histopathologic problems in interpreting carcinogenic responses in small fish. Fourteenth Symposium on Aquatic Toxicology and Risk Assessment. San Francisco, California. 22-24 April 1990. Invited, abstract.

- Lotz, J.M., R.M. Overstreet, and J.T. Ogle. Studies on infectious hypodermal and hematopoietic necrosis (IHHN) virus in penaeid shrimp. World Aquaculture 90, National Research Council. Halifax, Canada. 10-14 June 1990. p. 73, abstract.
- Overstreet, Robin M. Parasites of fishes. Gulf Coast Research Laboratory (Summer class on "Marine Ichthyology"). 10 August 1990. Invited.
- Hawkins, William E., William W. Walker, Thomas F. Lytle, Julia S. Lytle, and Robin M. Overstreet. Development of carcinogenesis bioassay models: recent studies on the response of small fish species to various classes of carcinogens. Third Annual Research Methods Branch Workshop. U.S. Army Biomedical Research and Development Laboratory, Ft. Detrick, Frederick, Maryland. 15-16 August 1990. pp. 71-82, invited.
- Overstreet, Robin (Chairman of Session). Aquatic Life Cycles. Seventh International Congress of Parasitology. Paris, France. 15-31 August 1990. Invited.
- Overstreet, Robin (Animator of Roundtable). Influence of Pollution on Parasites of Aquatic Animals. Seventh International Congress of Parasitology. Paris, France. 15-31 August 1990. Invited.
- Weidner, Earl and Robin Overstreet. Cytokeratin and desmoplakin analogues within *Thelohania* sp. spore sacs. Fifth International Colloquium on Invertebrate Pathology and Microbial Control. The XXIII Annual Meeting of the Society for Invertebrate Pathology. Adelaide, Australia. 20-24 August 1990. p. 529, abstract.
- Walker, W., W. Hawkins, and R. Overstreet. Dose-Response relationships at low carcinogen concentrations using a small fish carcinogenesis model. The Chemical Industry Institute of Toxicology. Research Triangle Park, North Carolina. 7 September 1990. Invited.
- Overstreet, Robin M. Parasites and diseases of marine mammals. Mississippi Marine Mammal Stranding Network. Gulfport, Mississippi. 19 October 1990. Invited.
- Overstreet, Robin M. Parasitic diseases of fishes. Gulf Breeze Symposium on Marine and Estuarine Disease Research. Pensacola Beach, Florida. 30 October - 1 November 1990. Invited, abstract, article.
- Hawkins, W.E., W.W. Walker, and R.M. Overstreet. Carcinogenicity testing in Japanese medaka. Eleventh Annual Meeting of the American College of Toxicology. Orlando, Florida. 29-31 October 1990. Invited, abstract.
- Overstreet, Robin M. The use of parasites as bioindicators of environmental effects and as agents of disease. Gulf Coast Research Laboratory

- (Systematics and Ecology Lunch Group Meeting). 16 November 1990. Invited.
- LeBlanc, Brian D., and Robin M. Overstreet. Effect of chemical and physical agents on the infectivity of *Baculovirus penaei*. Fifty-fifth Annual Meeting, Mississippi Academy of Sciences. Jackson, Mississippi. 21-22 February 1991. p. 54, abstract.
- Walker, W.W., W.E. Hawkins, R.M. Overstreet, T.F. Lytle, and J.S. Lytle. Small fish models in cancer research: a risk assessment protocol. Fifty-fifth Annual Meeting, Mississippi Academy of Sciences. Jackson, Mississippi. 21-22 February 1991. Abstract.
- Lotz, Jeffrey M., Robin M. Overstreet, Donald V. Lightner, and Rita M. Redman. Occurrence of IHVN virus in penaeid shrimp from wild populations of the eastern Pacific Ocean. Twenty-second Annual Conference & Exposition World Aquaculture Society Meeting. San Juan, Puerto Rico. 16-20 June 1991. p. 40, abstract.
- Overstreet, Robin M. BP and IHVN viruses in penaeid shrimp. Gulf Coast Research Laboratory (Seminar). 26 June 1991. Invited.
- Overstreet, Robin M. Symbionts as signalers, slayers, swayers, and seducers. First Meeting of the Atlantic Canada Association of Parasitologists. Mont-Joli, Quebec, Canada. 3-6 October 1991. Invited, key lecture.
- Hawkins, W.E., W.W. Walker, R.M. Overstreet, and M.O. James. Carcinogenicity and metabolism of some halogenated organic compounds in small aquarium fishes. Twelfth Annual Meeting of the Society of Environmental Toxicology and Chemistry. Seattle, Washington. 3-7 November 1991. Invited, abstract.
- Hawkins, W.E., W.W. Walker, and R.M. Overstreet. Use of small aquarium fishes to identify environmental carcinogens. Eleventh Biennial International Conference of the Estuarine Research Federation. San Francisco, California. 10-14 November 1991. Invited, abstract.
- Walker, W.W., W.E. Hawkins, and R.M. Overstreet. Design of exposure systems, carcinogenesis testing with fish: practical problems and solutions. National Institutes of Health. Research Triangle Park, North Carolina. 3 December 1991. Invited.
- O'Brien, J.J., and R.M. Overstreet. Parasite-host interactions between the rhizocephalan barnacle, *Loxothylacus texanus*, and the blue crab, *Callinectes sapidus*. American Society of Zoologists. Atlanta, Georgia. 26-31 December 1991. Abstract.

- Walker, W.S., W.E. Hawkins, and R.M. Overstreet. Use of small fish in assessing cancer risk. American Industrial Health Council, Joint Science Policy and Scientific Committee Meeting. 22-23 January 1992. Invited.
- Walker, W.W., W.E. Hawkins, R.M. Overstreet, and M.A. Friedman. A small fish model for assessing cancer risk at low carcinogen concentrations. Society of Toxicology Annual Meeting. Seattle, Washington. 23-27 February 1992. Poster, abstract.
- Hawkins, William E., William W. Walker, Robin M. Overstreet, Thomas F. Lytle, Julia S. Lytle, and Margaret O. James. Development of carcinogenesis bioassay models: response of small fish species to various classes of carcinogens. *In Proceedings of the Third Annual Carcinogenicity Research Review Workshop*. U.S. Army Biomedical Research and Development Laboratory. Ft. Detrick, Frederick, Maryland. 21-22 April 1992. pp. 201-216, invited.
- Walker, William W., William E. Hawkins, and Robin M. Overstreet. A small fish model for assessing carcinogenic risk at low carcinogen concentrations: preliminary investigations. *In Proceedings of the Third Annual Carcinogenicity Research Review Workshop*. U.S. Army Biomedical Research and Development Laboratory. Ft. Detrick, Frederick, Maryland. 21-22 April 1992. pp. 217-232, invited.
- Stuck, Kenneth C., Robin M. Overstreet, and Jeffrey M. Lotz. Effects of antibiotics on the growth and survival of larval *Penaeus vannamei* in a small-scale experimental system. Twenty-third Annual Conference & Exposition World Aquaculture Society Meeting. Aquaculture '92. Orlando, Florida. 21-25 May 1992. p. 212, abstract.
- Overstreet, Robin M. Prawn viral diseases in North American aquaculture. The University of Queensland (Zoology Department), Brisbane, Queensland, Australia. 20 October 1992. Invited.
- Overstreet, Robin M. Experimental induction of neoplasm in small fishes. The University of Queensland, Brisbane, Queensland, Australia. 30 October 1992. Invited.
- Walker, W.W., W.E. Hawkins, R.M. Overstreet, and M.A. Friedman. A small fish model for assessing cancer risk at low carcinogen concentrations. Thirteenth Annual Meeting of the Society of Environmental Toxicology and Chemistry. Cincinnati, Ohio. 8-12 November 1992. Abstract.
- Hawkins, William E., William W. Walker, and Robin M. Overstreet. Laboratory studies of histomorphologic effects of exposure of various fish species to single chemicals. *In Proceedings of the Forty-third Annual Meeting of the*

- American College of Veterinary Pathologists. San Diego, California. 18 November 1992. pp. 170-174, invited.
- Overstreet, Robin M. Two prawn viral diseases in the U.S. and how they relate to Australian aquaculture. Curtin University, School of Biomedical Sciences, Perth, Western Australia. 18 November 1992. Invited.
- Overstreet, Robin M. Biomedical Research. The EPA/Southeastern State Water Directors Meeting, Gulf Coast Research Laboratory. Biloxi, Mississippi. 7 December 1992. Invited.
- Martin, B.J., William E. Hawkins, William W. Walker, and Robin M. Overstreet. Tumor induction in the medaka (*Oryzias latipes*) by exposure to n-nitrosodiethylamine. Fifty-seventh Annual Meeting, Mississippi Academy of Sciences. Jackson, Mississippi. 18-19 February 1993. p. 28, abstract.
- Hawkins, W.E., W.W. Walker, and R.M. Overstreet. Use of small fish species in regulatory carcinogenesis testing. First SETAC World Congress, Ecotoxicology and Environmental Chemistry - a Global Perspective. Abstract Book 143. Lisbon, Portugal. 28-31 March 1993. p. 82, abstract.
- Halpin, R.R., B.G. Graham, R.W. Heard, and R.M. Overstreet. A preliminary faunal and ecological survey of an inland saline environment. Association of Southeastern Biologists. Norfolk, Virginia. 17 April 1993. Abstract.
- O'Brien, Jack, Marshall Porterfield, Matt Williams, and Robin M. Overstreet. Factors affecting successful infection of blue crabs by the rhizocephalan barnacle, *Loxothylacus texanus*, in the Gulf of Mexico. Benthic Ecology Meeting. Mobile, Alabama. April 1993. Abstract.
- Overstreet, R.M. National Marine Fisheries Service Parasite Workshop. Three presentations (cestodes, trematodes, protozoology). Pascagoula, Mississippi. 25-27 May 1993.
- Law, J.M., W.E. Hawkins, L.S. Ortego, R.M. Overstreet, and W.W. Walker. Use of the western mosquitofish (*Gambusia affinis*) in biomarker studies. Eastern Fish Health Workshop. Falmouth, Massachusetts. 29 June - 2 July 1993. Abstract. (Canceled).
- Overstreet, Robin M. *Baculovirus penaei* in pained shrimps. Society for Invertebrate Pathology 26th Annual Meeting. Asheville, North Carolina. 1-6 August 1993. p. 69, abstract, invited symposium (Diseases of Marine Invertebrates) speaker.
- Abner, S.R., C.L. Frazier, J.S. Scheibe, R.A. Krol, R.M. Overstreet, W.W. Walker, and W.E. Hawkins. 1994. Chronic inflammatory lesions in two small fish species, medaka (*Oryzias latipes*) and guppy (*Poecilia reticulata*), used in carcinogenesis bioassays. Modulators of Fish Immune Responses. Models

- for Environmental Toxicology/biomarkers, immunostimulators. A Workshop. Breckenridge, Colorado. 17-21 September 1993. p. 57, abstract, poster.
- Law, J.M., W.E. Hawkins, R.M. Overstreet, and W.W. Walker. Hepatocarcinogenesis in western mosquitofish (*Gambusia affinis*) exposed to methylazoxymethanol acetate: implications for use in biomarker studies. South Central Chapter of the Society of Toxicology Meeting. Northeast Louisiana University, Monroe, Louisiana. 28-29 October 1993. Abstract.
- Law, J.M., W.E. Hawkins, R.M. Overstreet, and W.W. Walker. Hepatocarcinogenesis in western mosquitofish (*Gambusia affinis*) exposed to methylazoxymethanol acetate: implications for use in biomarker studies. Society for Environmental Toxicology and Chemistry, 14th Annual Meeting. Houston, Texas. November 1993. Abstract.
- O'Brien, J.J., D.M. Porterfield, M.D. Williams, and R.M. Overstreet. Effects of salinity and temperature upon host-parasite interactions between the blue crab and the rhizocephalan *Loxothylacus texanus* in the Gulf of Mexico. American Society of Zoologists Annual Meeting. Los Angeles, California. 26-30 December 1993. *American Zoologist* 33(5):80A, abstract.
- Overstreet, Robin M. BP in penaeid shrimps. World Aquaculture '94. Book of Abstracts. New Orleans, Louisiana. 14-8 January 1994. p. 120, abstract.
- Lin, Jewin S., Shiao Y. Wang, and Robin M. Overstreet. Cloning and characterization of a molecular probe for *Baculovirus penaei*. World Aquaculture '94. Book of Abstracts. New Orleans, Louisiana. 14-18 January 1994. p. 281, abstract. Also, abstract reprinted in USMSFP 10th Anniversary Review GCRL Special Publication 1: 115.
- Brown, Leslie, Lidia Stuck, and Robin M. Overstreet. Experimental baculovirus infection in different aged postlarvae of the Pacific white shrimp, *Penaeus vannamei*. Fifty-eighth Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 17-18 February 1994. *Journal of the Mississippi Academy of Sciences* 39(1): 60, abstract.
- Stuck, Kenneth C., Hugh S. Hammer, and Robin M. Overstreet. Preliminary study on the infectivity of shrimp baculovirus related to viral period of development. Fifty-eighth Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 17-18 February 1994. *Journal of the Mississippi Academy of Sciences* 39(1): 63, abstract.
- Stuck, Lidia M., Kenneth C. Stuck, and Robin M. Overstreet. Relationship between energy reserves and susceptibility of postlarval Pacific white shrimp to baculovirus infection. Fifty-eighth Annual Meeting, Mississippi Academy of

- Sciences. Biloxi, Mississippi. 17-18 February 1994. Journal of the Mississippi Academy of Sciences 39(1): 63, abstract.
- Lin, J.S., S.Y. Wang, and R.M. Overstreet. Cloning and characterization of a molecular probe for *Baculovirus penaei*. U.S. Marine Shrimp Farming Program. The Gulf Coast Research Laboratory Consortium, 10th Anniversary Review, Special Publication No. 1. 1994. p. 115, abstract.
- Overstreet, Robin. A baculovirus in commercial shrimps from the Americas. Southeastern Society of Parasitologists. Baton Rouge, Louisiana. 28-30 March 1994. Invited.
- Overstreet, Robin. Hazard assessment using an alternative endpoint. Ecotoxicology workshop for Australian Oil & Gas Industry. Bentley, Perth, Western Australia. 16 September 1994. Invited.
- Hawkins, William, E., William W. Walker, Robin M. Overstreet, and J. Mac Law. Use of small indigenous fish species as sentinels of pollution in warm coastal waters. 26th Meeting of the Association of Marine Laboratories of the Caribbean. San Salvador. June 1994. Abstract.
- Overstreet, Robin M. "A baculovirus in local commercial shrimp," Gulf Coast Research Laboratory (seminar), 13 July 1994. Invited.
- Overstreet, Robin M. and William E. Hawkins. The western mosquitofish as an environmental sentinel: parasites. 2nd International Conference on Environmental Fate and Effects of Bleached Pulp Mill Effluents. Vancouver, British Columbia, Canada. 6-10 November 1994. Abstract, poster.
- Hawkins, William E. and Robin M. Overstreet. Western mosquitofish as an environmental sentinel: histopathological lesions. 2nd International Conference on Environmental Fate and Effects of Bleached Pulp Mill Effluents. Vancouver, British Columbia, Canada. 6-10 November 1994. Abstract.
- Hawkins, W.E., R.M. Overstreet, W.W. Walker, and J.M. Law. Use of western mosquitofish (*Gambusia affinis*) as a sentinel species in pollution studies. 15th Annual Meeting of the Society for Environmental Toxicology and Chemistry. Denver, Colorado. November 1994. Abstract.
- Stuck, Lidia. M., Kenneth C. Stuck, and Robin M. Overstreet. Relationship between energy reserves in postlarval Pacific white shrimp and pathogenicity of *Baculovirus penaei*. Aquaculture '95. San Diego, California. 1-4 February 1995. p. 220, abstract.
- Overstreet, Robin M. Parasites as indicators of pollution. University of Queensland, St. Lucia, Brisbane, Australia. 2 March 1995. Invited.

- Overstreet, Robin M. Parasites in Marine Mammals. Gulf Coast Research Laboratory (Marine Mammal class). 27 July 1995. Invited.
- Law, M., W. Taylor, J. Means, W. Hawkins, R. Overstreet, and W. Walker. Mechanisms of hepatocarcinogenesis in western mosquitofish (*Gambusia affinis*). American College of Veterinary Pathologists. Atlanta, Georgia. November, 1995. Abstract.
- Rhinehart, Howard L., Forrest I. Townsend, Robin M. Overstreet, Govinda S. Visvesvara, Alexandre da Silva, and Norman J. Pieniazek. First report of microsporidiosis in the bottlenose dolphin, *Tursiops truncatus*. 27th Annual Conference of International Association for Aquatic Animal Medicine. Chattanooga, Tennessee. 11-15 May 1996, pp. 13-14, abstract.
- Brown-Peterson, Nancy J., William E. Hawkins, and Robin M. Overstreet. Assessment of histopathological biomarkers in blacktip shark, *Carcharinus limbatus*, from the Gulf of Mexico. American Society of Ichthyologists and Herpetologists/American Elasmobranch Society Meeting. New Orleans, LA. 13-19 June 1996. Abstract.
- Overstreet, R. and K. Stuck. Shrimp diseases in wild shrimp, USA. *In* Proceedings of Integrated Assessment of Shrimp Pathogens: A Workshop. New Orleans, Louisiana, 18-19 June 1996. National Marine Fisheries Service, US Department of Agriculture, and US Environmental Protection Agency. Gulf States Marine Fisheries Commission expanded abstract.
- Franks, J.S., J.M. Lotz, R.M. Overstreet, and J.R. Warren. Age, growth and reproduction of cobia, *Rachycentron canadum*, from the northern Gulf of Mexico. Second World Fisheries Congress. Brisbane, Australia. 28 July - 2 August 1996. (Abstract published, *In* D.A. Hancock and J.P. Beumer (eds.), Proceedings of the 2nd World Fisheries Congress, Vol. 1., Brisbane Australia, 1996, p.115.)
- Overstreet, Robin M. Using parasites/lesions as indicators of contamination. Åbo Akademi University, Åbo, Finland. 4 July 1996. Invited.
- Overstreet, Robin M. Parasites and lesions of fishes as indicators of contamination. University of Kuopio, Kuopio, Finland. 1 July 1996. Invited.
- Overstreet, Robin M. Parasitological data as monitors of environmental health. VII European Multicolloquium of Parasitology (EMOP VII). Parma, Italy. 2-6 September 1996; invited introductory "lecture" at "Workshop on Fish Parasites as Indicators of Environmental Health," p. 64, abstract.
- Overstreet, Robin M. Public health aspects of marine parasites in seafood. National Marine Fisheries Service, Pascagoula Laboratory, Pascagoula, MS. 20 September 1996. Invited.

- Brown-Peterson, N., R. Overstreet, and W. Hawkins. Studies on contamination effects in *Tilapia* from Southern Taiwan Rivers. SEATAC Meeting, Washington D.C. 17-21 November 1996. Poster.
- Krol, Rena, William Hawkins, Robin Overstreet, and Jeffrey Lotz. Ultrastructural studies on the lymphoid organ of the Pacific white shrimp *Penaeus vannamei* exposed to Taura syndrome virus (TSV). World Aquaculture '97, Annual Conference and Exposition of the World Aquaculture Society. Seattle, WA. 20-23 February 1997, pp. 264-265, abstract.
- Stuck, Kenneth C., Robin M. Overstreet, and Shiao Y. Wang. The biology and life history of *Baculovirus penaei* in wild and cultured farmed shrimps. World Aquaculture '97, Annual Conference and Exposition of the World Aquaculture Society. Seattle, WA. 20-23 February 1997, pp. 442-443, abstract.
- Brown-Peterson, Nancy J., William E. Hawkins, and Robin M. Overstreet. Assessment of histopathological biomarkers in blacktip sharks from the Gulf of Mexico. Sixty-First Annual Meeting, Mississippi Academy of Sciences. Biloxi, Mississippi. 20-21 February 1997. p. 59, abstract of poster.
- Overstreet, Robin M. "*Baculovirus penaei* (BP) and Taura syndrome virus (TSV) in penaeid shrimps." National Shellfisheries Association 89th Annual Meeting. Fort Walton Beach, Florida. 20-24 April 1997. pp. 20-21, invited, abstract.
- Overstreet, Robin M. "*Baculovirus penaei* (BP) and Taura syndrome virus (TSV) in penaeid shrimps". *Journal of Shellfish Research* 16(1): 320-321, abstract.
- Cej, A.C., R.M. Overstreet, and J.J. O'Brien. Phototactic responses and distribution within a Gulf Coast estuary of larvae of the rhizocephalan barnacle, *Loxothylacus texanus*. The Crustacean Society 1997 Summer Meeting. Mobile, Alabama. 21-24 May 1997, pp. 34-35, abstract.
- Overstreet, Robin M. Introductions of fish parasites and disease agents into the Gulf of Mexico. Introduction of Non-Indigenous Species (INIS) Workshop, The Gulf of Mexico Program and National Marine Fisheries Service. Metairie, Louisiana. 11-12 June 1997. Invited, abstract.
- Curran, S., R.M. Overstreet, and G. Foster. Nymph and adult stages of the pentastomid *Alofia* sp. in the Florida softshell turtle. 72nd Annual Meeting of the American Society of Parasitologists. Nashville, Tennessee. 24-28 June 1997. Abstract.
- Brown-Peterson, Nancy J., William E. Hawkins, Peter Lin Sun, and Robin M. Overstreet. Cell proliferation in teleost and elasmobranch tissues. 77th Annual Meeting of the American Society of Ichthyologists and Herpetologists. University of Washington, Seattle, Washington. 26 June - 2 July 1997. Poster.

- Overstreet, Robin M. Baculovirus and Taura virus in penaeid shrimps. Seminar, Aquatic Science Department, Curtin University, Perth, Western Australia. 5 November 1997. Invited.
- Overstreet, Robin M. Shrimp viruses of the Americas. Special Seminar, CSIRO, Long Pocket, Brisbane, Australia. 24 November 1997. Invited.
- Overstreet, Robin M. Enhancement and aquaculture. Special Seminar, Bribie Island Aquaculture Research Centre, Bribie Island, Queensland, Australia. 25 November 1997. Invited.
- Overstreet, Robin M. Parasites and lesions as indicators of pollution. Seminar Series, Department of Parasitology, The University of Queensland, St. Lucia, Queensland, Australia. 21 November 1997. Invited.
- Overstreet, Robin M. Introduced parasites in the USA. Seminar Series, Department of Parasitology, The University of Queensland, St. Lucia, Queensland, Australia. 28 November 1997. Invited.
- Overstreet, Robin M. Problems with investigating baculovirus and Taura viruses in the Americas. Special Informal Seminar, CSIRO, Cleveland, Brisbane, Australia. 11 December 1997. Invited.
- Overstreet, Robin. Prawn viruses in the US and how they relate to Australasia. First Natfish Annual Conference/Trade Show, National Fishing Industry education Centre of TAFE, Grafton, New South Wales, Australia. 6 December 1997. Invited, abstract.
- Sun, Peter Lin, R.M. Overstreet, W.E. Hawkins, S.H. Tsai, and N. Brown-Peterson. Morphological abnormalities in Tilapia & other native fish species from southern Taiwan contaminated rivers - also discuss the possible cause of those abnormalities. World Aquaculture '98, Annual Conference and Exposition of the World Aquaculture Society. Book of Abstracts. Las Vegas, Nevada. 15-19 February 1998. p. 524, abstract.
- Winstead, James T., Robin M. Overstreet, and Lee A. Courtney. Novel gonadal parasites in the eastern oyster *Crassostrea virginica* from two Gulf of Mexico bays. World Aquaculture '98, Annual Conference and Exposition of the World Aquaculture Society. Book of Abstracts. Las Vegas, Nevada. 15-19 February 1998. p. 585, abstract.
- Krol, R.M., W.E. Hawkins, R.M. Overstreet, K.K. Vijayan and J.M. Lotz. Pathogenesis and morphogenesis of white spot virus (WSV) in penaeid shrimps from South Carolina. 62nd Annual Meeting, Mississippi Academy of Sciences. Biloxi, MS. 26-27 February 1998. Journal of the Mississippi Academy of Sciences 43(1):23, abstract.

- Barnes, David, Charles S. Manning, William E. Hawkins, William W. Walker, and Robin M. Overstreet. Survival and growth of *Orizias* [sic] *latipes* exposed to trichlorethylene at multiple life stages. 62nd Annual Meeting, Mississippi Academy of Sciences. Biloxi, MS. 26-27 February 1998. *Journal of the Mississippi Academy of Sciences* 43(1):57.
- Bullard, S.A., Stephen S. Curran, and Robin M. Overstreet. Two species of *Calicotyle* (Monogenea) from the Gulf of California. Southeastern Society of Parasitologists. Clemson University Outdoor Laboratory, Clemson, South Carolina. 22-24 April 1998. Program and Abstracts, No. 6.
- Blaylock, R.B. and R.M. Overstreet. Biologic and taxonomic aspects of a new philometrid nematode. 73rd Annual Meeting of the American Society of Parasitologists. Kona, Hawaii. 16-20 August 1998. pp. 83-84, abstract.
- Bullard, S.A., Stephen S. Curran, and Robin M. Overstreet. Metazoan parasites of elasmobranchs from the Gulf of California: the monogenean genus *Calicotyle*. 73rd Annual Meeting of the American Society of Parasitologists. Kona, Hawaii. 16-20 August 1998. p. 59, abstract.
- Overstreet, Robin M., Stephen S. Curran, and Charles K. Blend. Metazoan parasites of elasmobranchs from the Gulf of California: digeneans and leeches. 73rd Annual Meeting of the American Society of Parasitologists. Kona, Hawaii. 16-20 August 1998. pp. 58-59, invited, abstract.
- Foor, W. Eugene and Robin M. Overstreet. The presence of a DNA icosahedral virus in the tissues of dying hardhead catfish on the Mississippi Gulf Coast. 73rd Annual meeting of the American Society of Parasitologists. Kona, Hawaii. 16-20 August 1998. p. 87, abstract.
- Overstreet, Robin. Introduction to co-evolution of fish and their parasites and diseases. *Parasitology International*, IXth International Congress of Parasitology Abstracts, Makuhari, Japan. 24-28 August 1998. Vol. 47(Supplement), p. 99, invited, abstract.
- Overstreet, Robin M. Potential public health aspects of American aquatic ascaridoids relative to life histories. *Contracecum* Forum in Sapporo, Sapporo Medical University. Sapporo, Japan. 31 August 1998. Invited, abstract.
- Fournie, J.W., W.K. Vogelbein, R.M. Overstreet, and W.E. Hawkins. Life cycle of *Calyptospora funduli*, (Apicomplexa: Calyptosporidae). Third International Symposium on Aquatic Animal Health. Baltimore, MD. 30 August - 3 September 1998, p. 180, abstract.
- Krol, R.M., W.E. Hawkins, R.M. Overstreet, K.K. Vijayan and J.M. Lotz. Pathogenesis of white spot virus (WSV) in penaeid shrimps from South

- Carolina. Third International Symposium on Aquatic Animal Health. Baltimore, MD. 30 August - 3 September 1998, p. 134, abstract.
- Overstreet, Robin M. Parasites and lesions as biological indicators of contamination. Department of Biology, Southeastern Louisiana University Seminar. Hammond, LA. 16 October 1998. Invited.
- Curran, Stephen S. and Robin M. Overstreet. Freshwater, marine, and terrestrial leeches (Hirudinea: Euhirudinea) inhabiting Florida. North American Oligochaete Conference, The Florida Association of Benthologists' Annual Fall Workshop. Long Key, FL. 24 October -1 November 1998. Invited.
- Overstreet, Robin M. Actual and potential human health risks associated with marine parasites. 1999 AAAS Annual Meeting and Science Innovation Exposition. Anaheim, California. 21-26 January 1999. Invited, abstract.
- Blend, Charles K., Robin M. Overstreet, Stephen S. Curran, and Albert P. Gaude, III. Elucidating diplostome life cycles and catfish mortalities of pond-raised catfish and avian predators. 1999 Graduate Student Symposium. Gulf Coast Research Laboratory. Ocean Springs, MS. 5-7 March 1999. Abstract.
- Blend, Charles K., James S. Franks, Robin M. Overstreet, and George W. Benz. Opening a whole new can of worms: parasites and biology of the snake mackerel (*Gempylus serpens*: Gempylidae). 1999 Graduate Student Symposium. The University of Southern Mississippi, Gulf Coast Research Laboratory. Ocean Springs, MS. 5-7 March 1999. p. 15, abstract.
- Curran, Steve and Robin Overstreet. The identification of strigeoid metacercariae in farm raised catfish from Louisiana. Seventh Biennial Fish Diagnostician's Workshop, LSU, Baton Rouge, Louisiana. 27-28 March 2000. Invited.
- Overstreet, Robin M. and Jack J. O'Brien. *Loxothylacus texanus*, blue crab mortality, and the blue crab fishery. In: Blue Crab Mortality Symposium. The Crustacean Society 1999 Summer Meeting, Lafayette, Louisiana. 26-30 May 1999. Invited, abstract
- Brown-Peterson, Nancy, Jeffrey M. Lotz, Robin M. Overstreet, and Karen M. Burns. Reproductive biology of female cobia, *Rachycentron canadum*, in the southeastern United States. 79th Annual Meeting of the American Society of Ichthyologists and Herpetologists. Pennsylvania State College, PN. 24-30 June 1999. Abstract.
- Smedley, Kristy L., Richard W. Heard, and Robin M. Overstreet. Alternative life history patterns in Monorchidae Odhner, 1911 (Digenea). Annual Joint Meeting of American Society of Parasitologists and the Society of Nematologists. Monterey, CA. 6-10 July 1999. Abstract.

- Fournie, J.W., W.K. Vogelbein, R.M. Overstreet (speaker) and W.E. Hawkins. *Calyptospora funduli* (Apicomplexa): Life cycle and taxonomy. 5th International Symposium on Fish Parasites, Academy of Sciences of the Czech Republic, České Budějovice, Czech Republic. 9-13 August 1999. Abstract.
- Overstreet, Robin M. Fish protozoans as indicators of pollution. 5th International Symposium on Fish Parasites, Academy of Sciences of the Czech Republic, České Budějovice, Czech Republic. 9-13 August 1999. Invited, abstract.
- Overstreet, Robin, and Steve Curran (speaker). Results of experimentally infecting fledgling white pelicans with the strigeoid tentatively identified as *Bolbophorus confusus* (Krause, 1914). Catfish Trematode Meeting. Thad Cochran National Warmwater Aquaculture Center, MSU Extension Service, Stoneville, Mississippi. 13 September 1999. Invited.
- Martorelli, S.R. and R.M. Overstreet. Two metacercariae (parasites) of jellyfishes and ctenophores in the Gulf of Mexico, with notes about their probable life-histories. International Conference of Jellyfish Blooms, Gulf Shores, Alabama. 12-14 January 2000. Abstract.
- Krol, Rena, K. Vijayan, Jeffrey M. Lotz, and Robin Overstreet. Histopathology of white spot virus in the red swamp crayfish, *Procambarus clarkii*. Sixty-fourth Annual Meeting of the Mississippi Academy of Sciences, Biloxi, Mississippi. January 2000. Journal of the Mississippi Academy of Sciences (2000) 45(1): 75, abstract.
- Blaylock, R.B., and R.M. Overstreet. Health management in a red snapper *Lutjanus campechanus* enhancement program. Aquaculture America 2000, New Orleans, Louisiana, 2-5 February 2000, p. 28, invited, abstract.
- Soto, M. Andres, Jeffrey M. Lotz, Verlee M. Breland, and Robin M. Overstreet. Studies on waterborne transmission of Taura virus and white spot virus to penaeid shrimp of the Americas. Aquaculture America 2000, New Orleans, Louisiana, 2-5 February 2000, p. 309, invited, abstract.
- Blend, C.K., S.S. Curran, and R.M. Overstreet. 2000. A tale of 2 tools. Morphology and molecules: Elucidating parasite life cycles. 7th Biennial Fish Diagnosticians Workshop, LSU School of Veterinary Medicine, Baton Rouge, Louisiana, 28 March 2000. Regional, unsolicited.
- Bullard, Stephen A., Robin M. Overstreet, and J. S. Braswell. Tegumental spines of blood flukes (Sanguinicolidae) from the heart of requiem sharks (Carcharhinidae) and drums (Sciaenidae). Annual Meeting of the Southeastern Society of Parasitologists and the Association of

- Southeastern Biologists. The University of Tennessee, Chattanooga, Tennessee. 5-8 April 2000, p. 13, abstract.
- Smedley, Kristy, Richard Heard, and Robin Overstreet. Alternative life history patterns in Monorchiiidae (Digenea). Annual Meeting of the Southeastern Society of Parasitologists and the Association of Southeastern Biologists. The University of Tennessee, Chattanooga. 5-8 April 2000. Abstract.
- Martorelli, Sergio R. and Robin M. Overstreet. Proposed life history of a new species of digenean in the Gulf of Mexico involving ctenophores and jellyfishes as the second intermediate hosts. Annual Meeting of the Southeastern Society of Parasitologists and the Association of Southeastern Biologists. The University of Tennessee, Chattanooga. 5-8 April 2000. Abstract.
- Krol, R., K. Vijayan, J. Lotz, and R. Overstreet. Histopathology of white spot virus in the red swamp crayfish, *Procambarus clarkii*. Aqua 2000, World Aquaculture Society and European Aquaculture Society, Nice, France. May 2000. EAS Special Publication No. 28, p. 350, abstract.
- Brown-Peterson, N.J., H.J. Grier, and R.M. Overstreet. Reproductive classes in male cobia (*Rachycentron canadum*) defined by changes in the germinal epithelium. 80th Annual Meeting of the American Society of Ichthyologists and Herpetologists. La Paz, Mexico. 14-20 June 2000. p. 97, abstract.
- Brown-Peterson, N.J., R.M. Overstreet, J.S. Franks, and J.M. Lotz. Final oocyte maturation: an alternative method for determining fecundity in multiple spawning fishes. 80th Annual Meeting of the American Society of Ichthyologists and Herpetologists. La Paz, Mexico. 14-20 June 2000. p. 97-98, abstract.
- Bullard, Stephen A., Robin M. Overstreet, and Jeffrey S. Braswell. 2000. Tegumental spines of blood flukes (Sanguinicolidae) from the heart of requiem sharks (Carcharhinidae) and drums (Sciaenidae). Joint meeting of the American Society of Parasitologists and the Society of Protozoologists, San Juan, Puerto Rico. 24-28 June 2000. p. 54, abstract.
- Bullard, Stephen A., M. Andres Soto, and Robin M. Overstreet. What the heck is going on?: observations on *Cyclocotyla louisianensis* (Monogenea: Diclidophoridae) on *Menticirrhus saxatilis* and *Livoneca ovalis*. Joint meeting of the American Society of Parasitologists and the Society of Protozoologists, San Juan, Puerto Rico. 24-28 June 2000. Abstract.
- Brown-Peterson, Nancy J., Harry J. Grier, and Robin M. Overstreet. Reproductive classes in male cobia (*Rachycentron canadum*) defined by changes in the

- germinal epithelium. 53rd Annual Meeting of the Gulf and Caribbean Fisheries Institute, Biloxi, Mississippi. 6-10 November 2000. Abstract.
- Bullard, Stephen A. and Robin M. Overstreet. Potential pathological effects of blood flukes (Digenea: Sanguinicolidae) on pen-reared marine fishes. 53rd Annual Meeting of the Gulf and Caribbean Fisheries Institute, Biloxi, Mississippi. 6-10 November 2000. Abstract.
- Boone, Emily, Anne A. Boettcher, Robin M. Overstreet, Tim D. Sherman, and Jack J. O'Brien. An investigation into the settlement of *Loxothylacus texanus* (Cirripedia: Rhizocephala) on crab exoskeleton. 53rd Annual Meeting of the Gulf and Caribbean Fisheries Institute, Biloxi, Mississippi. 6 November 2000. Abstract, poster.
- Lawrence-Coumanis, Melissa, Robin M. Overstreet, Judith D. Shardo, Tim D. Sherman, and Jack J. O'Brien. A descriptive study of the invasive vermigon stage of *Loxothylacus texanus* (Cirripedia: Rhizocephala) that infects the blue crab, *Callinectes sapidus*. 53rd Annual Meeting of the Gulf and Caribbean Fisheries Institute, Biloxi, Mississippi. 6 November 2000. Abstract, poster.
- Blaylock, R.B., R.M. Overstreet, and J.M. Lots [sic]. Health management in red snapper, *Lutjanus campechanus*, culture. 29th Meeting of the US-Japan Natural Resources Aquaculture Panel, Ise City, Japan, 7-8 November 2000. p. 11, abstract, invited.
- Fink, Thomas J., Richard Heard, and Robin Overstreet. External anatomy (using light and scanning electron microscopy) and biology of a new species of copepod on the polychaete *Dasybranchus*. Alabama Imaging Society, Mobile, Alabama, 26-27 April 2001. Abstract.
- Overstreet, Robin M. Parasites of shrimp. Spring Meeting of Northern California Parasitologists, Pacific Grove, California, 28-29 April 2001. Featured speaker.
- Overstreet, Robin M. Parasites and diseases of shrimp, "Marine Parasite Symposium," 675th Meeting of the Helminthological Society of Washington, Department of Biology, Gettysburg College, Gettysburg, Pennsylvania, 5 May 2001. Invited.
- Bullard, Stephen A. and Robin M. Overstreet. Blood flukes (Sanguinicolidae) from hearts of Gulf of Mexico fishes. Annual Meeting of the Southeastern Society of Parasitologists, Berry College, Mount Berry (Rome), Georgia, 16-18 May 2001. Abstract.
- Curran, Stephen S. and Robin M. Overstreet. Classifying subfamilies and genera in Bucephaloidea Poche, 1907 using morphological features. Annual Meeting of

- the Southeastern Society of Parasitologists, Berry College, Mount Berry (Rome), Georgia, 16-18 May 2001. Abstract.
- Bullard, S.A. and R.M. Overstreet. Blood flukes (Sanguinicolidae) from marine fishes in the northern Gulf of Mexico. 76th Annual Meeting of the American Society of Parasitologists. Albuquerque, New Mexico. 29 June-3 July 2001. P. 84, abstract.
- Bullard, Stephen A., Robin M. Overstreet, Scott D. Snyder, and Ronald M. Bruch. Potential pathological effects of blood flukes (Digenea: Sanguinicolidae) in captive sturgeons. 4th International Symposium on Sturgeon. Oshkosh, Wisconsin. 8-13 July 2001, P. GB13-3, abstract.
- Blaylock, R.B., R.M. Overstreet, T.K.A. Ogawa, and D.A. Ziemann. Preliminary comparisons of health among juvenile wild, cultured, and released-recaptured red snapper (*Lutjanus campechanus*). American Fisheries Society Fish Health Section, Victoria, British Columbia, Canada, 26-29 June 2001. Abstract (No. 37).
- Bullard, Stephen A. and Robin M. Overstreet. Blood flukes (Sanguinicolidae) of fishes in the Gulf of Mexico. Marine and Estuarine Graduate Student Association Symposium. Marine and Estuarine Graduate Student Association, Department of Coastal Sciences at the University of Southern Mississippi; the Graduate Student Organization from the Dauphin Island Sea Lab of University of South Alabama; the Marine Environmental Researchers, School of Coast and Environment, at Louisiana State University; National Marine Fisheries Service-Pascagoula, MS; and Mississippi-Alabama Sea Grant Consortium. Ocean Springs, Mississippi. 26-27 January 2002. Abstract, regional, unsolicited.
- Bullard, Stephen A., Robin M. Overstreet, Thomas Rainwater, and Steve Platt. Taxonomy and zoogeography of ascaridoid nematodes from the stomach of Morelet's and American crocodiles from Belize. Marine and Estuarine Graduate Student Association Symposium. Marine and Estuarine Graduate Student Association, Department of Coastal Sciences at the University of Southern Mississippi; the Graduate Student Organization from the Dauphin Island Sea Lab of University of South Alabama; the Marine Environmental Researchers, School of Coast and Environment, at Louisiana State University; National Marine Fisheries Service-Pascagoula, MS; and Mississippi-Alabama Sea Grant Consortium. Ocean Springs, Mississippi. 26-27 January 2002. Abstract, regional, unsolicited.
- Bullard, Stephen A. and Robin M. Overstreet. Pathology, ecology, and taxonomy of blood flukes (Sanguinicolidae) from hearts of fishes in the Gulf of Mexico.

- Annual Meeting of the Mississippi Academy of Sciences. Biloxi, Mississippi. 21-22 February 2002. Abstract, unsolicited. P. 60 (56).
- Overstreet, Robin M. and Stephen Curran. Parasites of the American white pelican. *In* American White Pelican Symposium of Twenty-ninth Annual Meeting of the Pacific Seabird Group. Santa Barbara Museum of Natural History, Santa Barbara, California. 20-23 February 2002. P. 55, abstract, international, invited.
- Curran, Stephen S., Linda M. Pote, D. Tommy King, and Robin M. Overstreet. Experimental exposure of the pro-diplostomulum of *Bolbophorus* sp. (Trematoda: Bolbophoridae) from farm-raised catfish to the American white pelican, great blue heron, great egret, and double crested cormorant. Joint Annual Meeting of the Southeastern Society of Parasitologists and the Association of Southeastern Biologists. Appalachian State University, Boone, North Carolina. 10-12 April 2002. P. 18, abstract.
- Bullard, Stephen A., Robin M. Overstreet, Thomas Rainwater, Steve Platt, and Scott T. McMurry. Taxonomy and zoogeography of ascaridoid nematodes from the stomach of Morelet's and American crocodiles from Belize. Joint Annual Meeting of the Southeastern Society of Parasitologists and the Association of Southeastern Biologists. Boone, North Carolina. 10-12 April 2002. Abstract.
- Blend, C.K., R.M. Overstreet, and S.S. Curran. Life history information on *Austrodiplostomum compactum*, *Bursacetabulus pelecanus*, and *Bursatintinnabulus macrobursus* (Digenea: Diplostomidae) parasitizing birds and pond-raised catfish in Louisiana: a synergism of morphology and molecules. 35th Annual Meeting of the Southwestern Association of Parasitologists. The University of Oklahoma Biological Station, Lake Texoma, Oklahoma. 18-20 April 2002. p. 26, abstract.
- Overstreet, Robin M. and Pam Monson. Myxosporan infection expressed by exposure to heavy metals. The Tenth International Congress of Parasitology in conjunction with the 77th Annual Meeting of the American Society of Parasitologists, Vancouver, British Columbia, Canada. 4-10 August 2002. Abstract, international, invited.
- Blend, C.K., R.M. Overstreet, and S.S. Curran. Life history information on *Austrodiplostomum compactum*, *Bursacetabulus pelecanus*, and *Bursatintinnabulus macrobursus* (Digenea: Diplostomidae) parasitizing birds and pond-raised catfish in Louisiana: a synergism of morphology and molecules. The Tenth International Congress of Parasitology in conjunction with the 77th Annual Meeting of the American Society of Parasitologists,

- Vancouver, British Columbia, Canada. 4-10 August 2002. Abstract, international.
- Curran, Stephen S. and Robin M. Overstreet. *Crassicutis cichlasomae* Manter, 1936 (Digenea: Apocreadiidae) in Peru and Paraguay, with discussion of the biogeography of *Crassicutis* using cladistic analysis of morphological features. The Tenth International Congress of Parasitology in conjunction with the 77th Annual Meeting of the American Society of Parasitologists, Vancouver, British Columbia, Canada. 4-9 August 2002. Abstract, international.
- Bullard, Stephen A. and Robin M. Overstreet. Pathological effects of blood flukes (Sanguinicolidae). The Tenth International Congress of Parasitology in conjunction with the 77th Annual Meeting of the American Society of Parasitologists, Vancouver, British Columbia, Canada. 4-10 August 2002. Abstract, international.
- Bullard, S.A. and R.M. Overstreet. Pathological effects of blood flukes (Sanguinicolidae) on marine fishes relative to aquaculture. Fourth International Symposium on Aquatic Animal Health, New Orleans, Louisiana. 2-6 September 2002. Abstract, international.
- Overstreet, Robin M. and Tershara Matthews. Effects of temperature on WSSV and TSV in *Litopenaeus vannamei* in controlled experiments. Fourth International Symposia on Aquatic Animal Health, New Orleans, Louisiana. 2-6 September 2002. Abstract, international.
- Bullard, S.A., S.S. Curran, F. Pezold, and R.M. Overstreet. Biodiversity and evolution of marine and freshwater fish parasites from the Americas and Western Africa. Graduate Student Symposium 2003, co-hosted by The University of Southern Mississippi, University of South Alabama, and Louisiana State University, Dauphin Island Sea Lab, Dauphin Island, Alabama. 14-15 February 2003. Abstract, regional.
- . Curran, Stephen S. and Robin M. Overstreet. Tongue worms (Crustacea: Pentastomida) from Gulf Coast and Florida drainages. Graduate Student Symposium 2003, co-hosted by The University of Southern Mississippi, University of South Alabama, and Louisiana State University, Dauphin Island Sea Lab, Dauphin Island, Alabama. 15 February 2003. P. 10, abstract, regional.
- Overstreet, Robin M. Dangerous digeneans: Flukes that ravage the catfish industry. 683rd Meeting of the Helminthological Society of Washington, Spring Conference, Gettysburg College, Gettysburg, Pennsylvania, 28-29 March 2003. Invited, national.

- Overstreet, Robin M. Dangerous digeneans: Flukes that ravage the catfish industry. Department of Biological Sciences, Louisiana State University, Baton Rouge, Louisiana, 9 May 2003. Invited, local.
- Overstreet, R.M. Presidential address: Flavor buds and other delights. 78th Annual Meeting of the American Society of Parasitologists. Halifax, Nova Scotia, Canada. 1-5 August 2003. p. 45, abstract, invited, national.
- Overstreet, R.M. (and Stephen S. Curran for future publication). Keynote address. Diplostomes in catfish aquaculture. Sixth International Symposium on Fish Parasites, 22-26 September 2003, Department of Zoology & Entomology, University of the Free State, Bloemfontein, South Africa. p. 13, abstract, invited, international.
- Matthews, Tershara and Robin M. Overstreet. Effect of various disinfection treatments on Taura syndrome virus in *Litopenaeus vannamei*. Aquaculture 2004 (World Aquaculture Society). 1-5 March 2004, Honolulu, Hawaii, abstract, unsolicited, international.
- Overstreet, Robin M. 2004 Update of blue crab parasites and diseases. Annual meeting of Blue Crab Advanced Research Consortium, 17-18 March 2004, UMBI Center of Marine Biotechnology, Baltimore, Maryland, invited, regional, oral presentation.
- Bullard, S.A. and R.M. Overstreet. Pathological effects of *Neobenedenia melleni* (Monogenea: Capsalidae) on red snapper *Lutjanus campechanus* in recirculating aquaculture. Annual meeting of the Southeastern Society of Parasitologists. 14 April 2004, Pigeon Forge, Tennessee, abstract, unsolicited, regional.
- Overstreet, Robin. Remarks. 37th Initiation ceremony, The Honor Society of Phi Kappa Phi. 4 April 2004, The University of Southern Mississippi, Hattiesburg, Mississippi, invited, local.
- Overstreet, Robin. Bugs, worms, and other tasty treats. Innovation Awards 2003 Lecture Series, Applied Research. Lives Enriched Through Their Endeavors: Research and Scholarship LETTERS Day 2004, 8 April 2004, The University of Southern Mississippi, Hattiesburg, Mississippi, invited, local.
- Ma, Hongwei and Robin M. Overstreet. Ciliate diversity related to shrimps and blue crab. The 56th Annual Meeting of the Society of Protozoologists. 2-6 June 2004, Bryant College, Smithfield, Rhode Island, abstract, unsolicited, international.
- Bullard, S.A. and R.M. Overstreet. Skin lesions associated with *Neobenedenia melleni* (Monogenea: Capsalidae) on red snapper *Lutjanus campechanus* in recirculating aquaculture. Joint meeting of the American Society of

- Parasitologists and the American Association of Veterinary Parasitologists. 24-28 July 2004, Philadelphia, Pennsylvania, abstract, unsolicited, national.
- Zimmermann, N.P., V. Breeland, J.M. Lotz, and R.M. Overstreet. Infections of *Hematodinium* sp. detected in the blue crab, *Callinectes sapidus*, in the northern Gulf of Mexico. Joint meeting of the American Society of Parasitologists and the American Association of Veterinary Parasitologists. 24-28 July 2004, Philadelphia, Pennsylvania, abstract, unsolicited, national.
- Overstreet, Robin M. A scattering of research conducted by the parasitology group. Gulf Coast Research Laboratory Summer Seminar Series. 30 July 2004, Gulf Coast Research Laboratory, Ocean Springs, Mississippi, invited, local.
- Overstreet, Robin M. Flavor buds: the intentional eating of parasites. Departmental Seminar, Department of Biological Sciences, University of New Orleans. 25 October 2004, New Orleans, Louisiana, invited, local.
- Overstreet, Robin M. Overview of *Perkinsus*-like disease studies. Mississippi Gopher Frog Action Plan for 2004/2005," U.S. Fish and Wildlife Service of Jackson, Mississippi, at the US Forest Service Southern Research Station. 7-8 December 2004, invited, oral presentation.
- Overstreet, Robin M. The catfish "*Bolbophorus* problem" in special session entitled "Emerging Fish Disease Problems." Aquaculture America 2005. 17-20 January 2005, New Orleans, Louisiana, abstract, invited, national.
- Bullard, S.A. and R.M. Overstreet. Pathological effects of *Neobenedenia melleni* Monogenea on skin of red snapper *Lutjanus campechanus* in recirculating aquaculture. Aquaculture America 2005. 17-20 January 2005, New Orleans, Louisiana, abstract, unsolicited, national.
- Cook, Joshua O., Stephen A. Bullard, Robin M. Overstreet, and Reginald B. Blaylock. *Kudoa* sp. from brain of gulf killifish (*Fundulus grandis*) in the northern Gulf of Mexico. Mississippi Academy of Sciences, 16-18 February 2005, Oxford, Mississippi, abstract, unsolicited, local.
- Overstreet, Robin M. 2005 Update of blue crab parasites and diseases. Annual meeting of Blue Crab Advanced Research Consortium, 31 March - 1 April 2005, Gulf Coast Research Laboratory, Ocean Springs, Mississippi, invited, oral presentation, regional.
- Olson, P.D., I. Beveridge, J.N. Caira, K. Jensen, R.M. Overstreet, and D.T.J. Littlewood. Evolution of the trypanorynchs. British Society for Parasitology, Joint Malaria and Spring Meeting. 3-6 April 2005. Nottingham, England, United Kingdom, abstract, unsolicited, national.

- Curran, Stephen S., Vasyl V. Tkach, and Robin M. Overstreet. Investigation of the distribution of *Homalometron pallidum* Stafford, 1904 (Apocreadiidae: Apocreadiinae) reveals a species-complex in the northern Gulf of Mexico. Southeastern Society of Parasitologists. Blacksburg, Virginia. 6-8 April 2005. p. 40, abstract, unsolicited, regional.
- Overstreet, Robin M. Parasites connecting the Gulf of Mexico with human health. Connecting the Gulf of Mexico and Human Health. The University of Southern Mississippi and the Mississippi-Alabama Sea Grant Consortium, 4-6 May 2005, Long Beach, Mississippi, abstract, invited, regional.
- Lytle, T.F., J.S. Lytle, W.W. Walker, W.E. Hawkins, and R.M. Overstreet. Chemical/biological behavior of water-borne aromatic hydrocarbons. 2005 International Oil Spill Conference. Miami Beach, Florida. 15-19 May 2005, abstract (IOSC 2005 Proceedings, p. 1025), unsolicited, international.
- Overstreet, Robin M. Overview of black-gill syndrome. Shrimp Black Gill Syndrome Workshop. 6 June 2005. Ft. Johnson Marine Resources Center, Charleston, South Carolina, invited, regional.
- Curran, S.S., V.V. Tkach, and R.M. Overstreet. A North American species-complex in *Homalometron* Stafford, 1904 (Digenea: Apocreadiidae) with comments on taxonomy of some genera in the family. 80th Annual Meeting of the American Society of Parasitologists. Mobile, Alabama. 8-11 July 2005. p. 56, abstract, unsolicited, national (Hurricane Dennis caused most of the meeting, including this presentation to be cancelled).
- Overstreet, R.M., S.A. Bullard, and J.O. Cook. Using local parasites as teaching tools. Teacher Education Workshop, 80th Annual Meeting of the American Society of Parasitologists. Mobile, Alabama. 8-11 July 2005. p. 93, abstract, invited, national (Hurricane Dennis caused most of the meeting, including this presentation to be cancelled).
- Overstreet, R. Introduction of Ralph Lichtenfels, recipient of Distinguished Service Award. 80th Annual Meeting of the American Society of Parasitologists. Mobile, Alabama. 8-11 July 2005. p. 93, abstract, invited, national (Hurricane Dennis caused most of the meeting, including this presentation to be cancelled).
- Overstreet, Robin M. The catfish trematode troubles. Annual Meeting of the Fish Health Section of the American Fisheries Society. 26-29 July 2005, Minneapolis, Minnesota, abstract, invited, national.
- Curran, S.S., V.K. Tkach, and R.M. Overstreet. A North American species complex in *Homalometron* Stafford, 1904 (Digenea: Apocreadiidae) with comments on taxonomy of some genera in the family. New England Association of

- Parasitologists. Storrs, Connecticut. 5 November 2005, abstract, unsolicited, regional.
- Cook, Joshua O. and Overstreet, Robin M. Overview of *Perkinsus*-like disease studies. Mississippi Gopher Frog Action Plan for 2004/2005," U.S. Fish and Wildlife Service of Jackson, Mississippi, at the US Forest Service Southern Research Station. 13 December 2005, invited, oral presentation.
- Cook, Joshua O., and Robin M. Overstreet. 2006. Infections of *Dermomycooides* sp. in southeastern ranid frog species. 2006 Graduate Student Symposium, Dauphin Island Sea Laboratory, AL, 3-5 February 2006, abstract, regional, unsolicited, oral presentation.
- Overstreet, Robin M. 2006 Update of blue crab parasites and diseases. Annual meeting of Blue Crab Advanced Research Consortium, 23-24 March 2006, UMBI Center of Marine Biotechnology, Baltimore, Maryland, invited, regional, oral presentation.
- Cook, Joshua O., Robin M. Overstreet, and R. Rama Krishna. Pathology associated with fatal myxozoan infections in farmed carp, *Catla catla*, from India. 2006 Joint Meeting of the Southeastern Society of Parasitologists and the Association of Southeastern Biologists, The University of Tennessee, Knoxville. Gatlinburg, Tennessee. 29 March - 1 April 2006, abstract, regional, unsolicited oral presentation.
- Brown-Peterson, Nancy J., Karen M. Burns, and Robin M. Overstreet. Swim bladder morphology differences in red snapper and red grouper. Annual meeting of American Society of Ichthyologists and Herpetologists. New Orleans, Louisiana, 12-17 July 2006, abstract, national, poster presentation.
- Overstreet, Robin. Research in Parasitology, Gulf Coast Research Laboratory Summer Seminar Series. 21 July 2006, Gulf Coast Research Laboratory, Ocean Springs, Mississippi, local, invited, oral presentation.
- Kennedy, Allison, Jinx Campbell, Robin M. Overstreet, and Mobashir Solangi. Fungal associates of captive Atlantic bottlenose dolphins *Tursiops truncatus*. Mycological Society of America. Québec City, Canada, 29 July - 2 August 2006, abstract, national, poster presentation.
- Cook, Joshua O. and Robin M. Overstreet. Fatal infections of *Dermomycooides* sp. in the Mississippi gopher frog, *Rana sevosia*, and other anurans in the southeastern United States. Eleventh International Congress of Parasitology. Glasgow, Scotland, U.K., 6-11 August 2006, abstract, international, oral presentation.
- Overstreet, R. Introduction of Lillian Mayberry, recipient of Distinguished Service Award. 81st Annual Meeting of the American Society of

- Parasitologists (at Eleventh International Congress of Parasitology). Glasgow, Scotland, U.K., 6-11 August 2006, article, national, oral presentation.
- Cook, Joshua O. and Robin M. Overstreet. Update of *Perkinsus*-like disease studies. Mississippi Gopher Frog Recovery Actions," U.S. Fish and Wildlife Service of Jackson, Mississippi, at the Southern Research Station/Harrison Experimental Forest, US Forest Service, Saucier, Mississippi. 9 February 2007, invited, oral presentation.
- Overstreet, Robin M. Parasitology Research. De Hoop Nature Reserve, Potberg, South Africa. Department of Zoology and Entomology, The University of the Free State, 1 April 2007. Invited lecture.
- Matthews, Tershara and Robin M. Overstreet. 2007 Update of blue crab parasites and diseases. Annual meeting of Blue Crab Advanced Research Consortium, April 2007, UMBI Center of Marine Biotechnology, Baltimore, Maryland, invited, regional, oral presentation.
- Overstreet, Robin M. Helminth diseases in aquaculture, with an emphasis on catfish, nematodes, and trematodes. The First North American Parasitology Congress, Annual meeting of the American Society of Parasitologists, Merida, Mexico. 21-25 June 2007. Abstract, invited, symposium lecture, regional.
- Cook, Joshua O. and Robin M. Overstreet. Aspects of the biology of the protistan *Dermomycooides* sp. A lethal pathogen of the Mississippi gopher frog and other anurans in the southeastern United States. Annual meeting of American Society of Ichthyologists and Herpetologists. St. Louis, Missouri, 11-16 July 2007, abstract, national, oral presentation.
- Overstreet, Robin M. The effects of a hurricane on populations of fish parasites. Seventh International Symposium on Fish Parasites, Viterbo, Italy, 24-28 September 2007. Abstract, plenary lecture, invited, international.
- Pote, L., S. Todd, A. Byars, S. Camus, C [sic]. Curran, B. Doffitt, J. Dorr, B. Flowers, Terry E. George, Terrill R. Greenway, J. Hanson, T. Hawke, L. King, M. Khoo, Charles C. Levy, D. Mischke, R. Mitchell, D. [sic] Overstreet, M. Wise, and Yost. A team approach in the study and control of the digenetic trematode *Bolbophorus damnificus* in commercial channel catfish. Seventh International Symposium on Fish Parasites, Viterbo, Italy, 24-28 September 2007. Abstract, international, oral presentation.
- Cook, Joshua O. and Robin M. Overstreet. Update of *Perkinsus*-like disease studies. Mississippi Gopher Frog Recovery Actions," U.S. Fish and Wildlife Service

- of Jackson, Mississippi, at The University of Southern Mississippi, Hattiesburg, Mississippi, 9-10 January 2008. Invited, oral presentation.
- Ma, Hongwei and Robin M. Overstreet. Experimental infection of some shrimps and crabs by yellowhead virus (YHV). Aquaculture America 2008, Orlando, Florida, 9-12 February 2008. Abstract, invited, national, oral presentation.
- Overstreet, Robin. The effects of a hurricane on fish parasites. Transatlantic Water Symposium. Consortium of Germany's Ruhr Universities, the Center for Microscale Ecosystems, and Louisiana State University. Louisiana State University, Baton Rouge, 31 March-1 April 2008. Invited, international, oral presentation.
- Overstreet, Robin. Parasites are delicious! Department of Coastal Sciences Fall Seminar Series, The University of Southern Mississippi, Ocean Springs, Mississippi, 10 April 2008. Invited, local, oral presentation.
- Overstreet, Robin M. 2008 update of blue crab parasites and diseases. Annual meeting of Blue Crab Advanced Research Consortium, 29-30 April 2008, UMBI Center of Marine Biotechnology, Baltimore, Maryland. Invited, regional, oral presentation.
- Doescher, Bethany, Michael Renner, Andrew Clarke, Sarah Poynton, Hongwei Ma, and Robin Overstreet. Cutaneous ciliate protozoan infection in captive healthy Atlantic bottlenose dolphins (*Tursiops truncatus*). IAAAM 39th Annual Conference, Rome, Italy 10-14 May 2008. Abstract, solicited, international.
- Poynton, Sarah L., Michael Delannoy, Bethany Doescher, Michael Renner, Andrew Clarke, Hongwei Ma, and Robin Overstreet. Ciliates from skin lesions of captive bottlenose dolphins (*Tursiops truncatus*). IAAAM 39th Annual Conference, Rome, Italy 10-14 May 2008. Abstract, solicited, international.
- Cook, Joshua O. and Robin M. Overstreet. Fatal infections of a protistan agent in southeastern ranid frog species. 2008 Annual Meeting of the American Society of Parasitologists, Arlington, Texas, 27-30 June 2008. Abstract, national, oral presentation.
- Overstreet, R. Introduction of William E. Campbell, recipient of Distinguished Service Award. 83st Annual Meeting of the American Society of Parasitologists, Arlington, Texas, 27-30 June 2008. National, oral presentation.
- Overstreet, Robin. Research Activities. Innovation Lifetime Achievement Award. Lives Enriched Through Their Endeavors: Research and Scholarship (LETTERS) Day 2008, 31 October 2008, The University of Southern Mississippi, Hattiesburg, Mississippi. Invited, local.

- Brown-Peterson, Nancy J., Karen M. Burns, and Robin M. Overstreet. Regional differences in Florida red snapper reproduction. Annual Meeting of the Gulf and Caribbean Fisheries Institute, Gosier, Guadeloupe, French West Indies, 10-14 November 2008. Abstract, regional, oral presentation.
- Overstreet, R.M., J. Jovonovich, and H. Ma. Parasitic crustaceans as vectors of viruses. Annual Meeting for the Society for Integrative and Comparative Biology, Boston, Massachusetts, 3-7 January 2009. Abstract, manuscript, invited, national, oral presentation.
- Overstreet, Robin M. Biological indicators of hurricane recovery, with an emphasis on fish parasites. The Biloxi Lions Club, Mary Mahoney's Restaurant, Biloxi, MS, 25 March 2009. Invited, local, oral presentation.
- Mitchell, A. J., R. M. Overstreet, and A. E. Goodwin. *Eustrongylides ignotus* as a cause of mortality in commercially produced fish: sunshine bass (*Morone chrysops* female X *Morone saxatilis* male) and other fishes in the southeastern USA. 34th Annual Eastern Fish Health Workshop (Sponsored by USGS/Biological Resources Division National Fish Health Research Laboratory), Hilton High Peaks Resort, Lake Placid, NY 27 April - 1 May 2009. Abstract, national, oral presentation.
- Lamb, Jennifer and Robin M. Overstreet. Update of *Perkinsus*-like disease studies. Mississippi Gopher Frog Recovery Actions," U.S. Fish and Wildlife Service of Jackson, Mississippi, at The University of Southern Mississippi, Hattiesburg, Mississippi, 8 July 2009. Invited, oral presentation.
- Overstreet, Robin M. Biological indicators of hurricane recovery, with an emphasis on parasites. The Lifelong Learning Institute, Continuing Education, Jackson County Campus, Mississippi Gulf Coast Community College, Gautier, MS, 28 August 2009. Invited, local, oral presentation.
- Overstreet, Robin M. Seafood and its hidden parasites. Oceans and Human Health Initiative Principal Investigators Meeting, Seattle, Washington, 5-8 October 2009. Abstract, invited, national, oral presentation.
- Overstreet, Robin M. Safety of seafood and detection of emerging parasitic threats. Oceans and Human Health Initiative Principal Investigators Meeting, Seattle, Washington, 5-8 October 2009. Abstract, invited, national, poster presentation.
- Overstreet, Robin M. and Jean A. Jovonovich*. Vector hosts of viruses infecting penaeids. World Aquaculture Society-National Shellfisheries Association Meeting, San Diego, California, 1-5 March 2010. Abstract, invited, international, oral presentation.

- Parker, Jessica H., Stephen S. Curran, and Robin M. Overstreet. Comparison of endohelminth parasite assemblages of the redear sunfish, *Lepomis microlophus*, from freshwater habitats and tidal creeks in southern Mississippi. 2010 Joint Meeting of the Southeastern Society of Parasitologists and the Association of Southeastern Biologists, Asheville, North Carolina, 7-10 April 2010. Abstract, regional, unsolicited poster presentation.
- Curran, Stephen S., Richard W. Heard, Jr., and Robin M. Overstreet. Life cycles of two digeneans utilizing the redear sunfish, *Lepomis microlophus*, as a definitive host in tidal creeks in Mississippi. 2010 Joint Meeting of the Southeastern Society of Parasitologists and the Association of Southeastern Biologists, Asheville, North Carolina, 7-10 April 2010. Abstract, regional, unsolicited oral presentation.
- Martorelli, Sergio R., Robin Overstreet, and Richard Heard. Proposed life history of a new faustulid Digenea in the Gulf of Mexico involving ctenophores and jellyfishes as the second intermediate hosts. Third International Jellyfish Blooms Symposium, Mar del Plata, Argentina, 13-16 July 2010. Abstract, international, oral presentation (I was not privileged to see or approve the abstract before submitted and published)