

LOUIS R. D'ABRAMO

MAILING ADDRESS: 1537 Mill Chase Court, Lawrenceville, GA 30044

E-MAIL ADDRESS: lrd4@msstate.edu

TELEPHONE: (662) 617-0257

EDUCATION

- Ph.D. Yale University, New Haven, Connecticut, Ecology and Evolutionary Biology, 1979
- M.Phil. Yale University, New Haven, Connecticut, Ecology and Evolutionary Biology, 1975
- B.A. Assumption College, Worcester, Massachusetts, Natural Sciences and Mathematics, *summa cum laude*, 1971

ACADEMIC, RESEARCH AND ADMINISTRATIVE EMPLOYMENT/HONORARY APPOINTMENTS

- Adjunct Professor, Department of Biology, University of Alabama, Birmingham, 2014-
- Dean Emeritus of the Graduate School and Associate Vice President Emeritus for Academic Affairs, Mississippi State University, 2013
- Dean of the Graduate School and Associate Vice President for Academic Affairs, Mississippi State University, 2008-2013
- William L. Giles Distinguished Professor** of Wildlife, Fisheries and Aquaculture, Mississippi State University, 2003-2013
- Associate Director, Mississippi Alabama Sea Grant Consortium (20 % appointment), August, 2003-August, 2008
- Professor, Department of Wildlife, Fisheries and Aquaculture, Mississippi State University, 1993-2013
- Aquaculture Biologist, Mississippi Agricultural and Forestry Experiment Station, 1993-2008.
- Associate Professor, Department of Wildlife and Fisheries, Mississippi State University and Associate Aquaculture Biologist, Mississippi Agricultural and Forestry Experiment Station, 1987-1993. Tenure granted, July, 1989
- Assistant Professor, Department of Wildlife and Fisheries, Mississippi State University and Assistant Aquaculture Biologist, Mississippi Agricultural and Forestry Experiment Station, 1984-1987
- Postgraduate Researcher, Department of Animal Science, University of California, Davis, Bodega Marine Laboratory, 1979-1984
- Teaching Assistant, Department of Biology, Yale University, 1975-1977.
- Research Assistant, Woods Hole Oceanographic Institution, 1971 (summer), 1972 (summer)

AWARDS AND HONORS (43)

Teaching/Academic Excellence

- Phi Kappa Phi, 2010
- Mississippi State University Outstanding Faculty Member (Academic Excellence), in honor of outstanding contributions to higher education in Mississippi, Mississippi Association of Colleges, Mississippi State Legislature, 2001-2002
- John Grisham Master Teacher Award, Mississippi State University, 2000-2001
- John Grisham Faculty Excellence Award, Mississippi State University, 1994
- Teaching Award for Outstanding Performance, College of Forest Resources, Mississippi State University, 1992, 1994, 1999

Outstanding Teacher Award, School of Forest Resources, Department of Wildlife and Fisheries, Mississippi State University, 1985, 1987, 1989

Research

- Best Paper Award (first author) in the *North American Journal of Aquaculture* for 2013, American Fisheries Society, 2014.
- Nominated for Best Paper Award (first author) in the *North American Journal of Aquaculture* for 2007, 2008, American Fisheries Society
- Ralph E. Powe Research Excellence Award (highest research honor awarded to faculty in recognition of a distinguished research career), Mississippi State University, 2007
- Best Paper Award (with M. T. Viana, M. A. González, A. Shimada and C. Vasquez-Pelaez), XIIIth Annual Congress of the Mexican Association of Specialists in Animal Nutrition, Veracruz Mexico, 2007
- Award of Excellence in Research for Outstanding Work in the Mississippi Agricultural and Forestry Experiment Station, Mississippi Chemical Corporation, 2002
- Best Poster Award (with E. Durazo, M. T. Viana and J. F. Toro), VIth International Symposium on Aquatic Nutrition, Cancun, Quintana Roo, Mexico, 2002
- Research Award of Merit, Mississippi State University Chapter of Gamma Sigma Delta, the National Agricultural Honor Society, 1999
- Research Award for Outstanding Performance, College of Forest Resources, Mississippi State University, 1996
- Sigma Xi Research Award, presented by the Mississippi State University Chapter in honor of noteworthy achievement in scientific research, 1989
- Best Paper Award (2nd), World Mariculture Society Annual Meeting, Charleston, South Carolina, 1982

Service

- Distinguished Service in Education Award, In recognition of your exemplary dedication and distinguished service in education to Mississippi State University, Intercultural and Interfaith Dialog Student Association, Mississippi State University, 2013
- Award of Recognition, For outstanding contributions to the science and industry of freshwater prawn production, North Carolina Prawn Producers and North Carolina Cooperative Extension, 2007
- Meritorious Award, In appreciation and recognition of outstanding leadership and dedicated service, National Shellfisheries Association, Inc., 2007
- Certificate of Appreciation, For tireless work in the establishment and continued promotion of the freshwater prawn industry in the United States; United States Freshwater Prawn and Shrimp Growers Association, 2005
- Exemplary Service Award, World Aquaculture Society, (highest honor Bestowed by World Aquaculture Society), 2003
- Service Award, For Outstanding Performance, College of Forest Resources, Mississippi State University, 1998
- Certificate of Appreciation for Outstanding Service and Contributions, World Aquaculture Society, 1987, 1994

Research, Service, and Education

- Fellow, World Aquaculture Society, 2013 (for meritorious efforts to advance global aquaculture)
- Distinguished Life-Time Achievement Award, United States Aquaculture Society (highest honor bestowed by the United States Aquaculture Society), 2010

Honorary Doctorates/Awards of Recognition

Honorary Doctor of Science Degree (D. Sc.), Assumption College, 1996
 Honorary Member, La Sociedad Nacional Honoraria Hispánica, Sigma Delta Pi, 2010
 Hall of Fame of Waterbury, Connecticut (Silas Bronson Library), 2004

Other

Who's Who in America, 2005, 2006
 Outstanding Achievement Award, Alumni Association of Assumption College, 1996
 American Men and Women of Science, 1982
 Assumption College Athletic Hall of Fame, 1980 Inductee (football and track)
 Yale University Fellowship, 1975-1978
 Connecticut State Fellowship, 1975-1978
 Who's Who in American Colleges and Universities, 1971
 Woods Hole Oceanographic Institution Fellowship (Summer Scholar), 1970

APPOINTED EDITORIAL POSITIONS (67 years of combined service as an Associate Editor/Editorial Board member for 6 journals and Editor for 1 magazine and 1 book series)

Associate Editor, *North American Journal of Aquaculture*, 2011-
 Editorial Board, *Aquaculture International*, 2005-2014
 Editorial Board, *Aquaculture*, 1996-2010
 Editorial Board, *The Journal of Shellfish Research*, 1996-2011
 Editor, *World Aquaculture* magazine, World Aquaculture Society, 1995-2000
 Editor, *Advances in World Aquaculture Book Series*, World Aquaculture Society, 1994-1995
 Associate Editor, *Journal of the World Aquaculture Society*, 1986-1996
 Editorial Advisory Board, *Journal of the World Mariculture Society*, 1984-1985

- Have served as an editor (associate/editorial board) and/or peer reviewer for **715** manuscripts, book chapters, magazine articles or books
- Have served as reviewer for **189** research proposals for funding from international, federal, and state programs, and non-profit organizations

ELECTED POSITIONS IN PROFESSIONAL ORGANIZATIONS, SOCIETIES, COMMITTEES

Executive Committee, Southern Regional Aquaculture Center, 2006-2008
 Co-Chairman for Research, Technical Committee, Southern Regional Aquaculture Center, 2006-2008
 President (2005-2007); President-Elect (2003-2005); Vice-President (2002-2003); Member-at-Large (1998-2000); Immediate Past President (2007-2009); Executive Committee (1998-2000, 2002-2009), National Shellfisheries Association
 President (1999-2000); Vice President (1998-1999); Secretary (1997-1998); Treasurer (1996-1997); Historian (1995-1996), Gamma Sigma Delta (Agriculture Honor Society), Mississippi State University Chapter
 President (1992-1993); President-Elect (1991-92); Secretary (1989-1990, 1990-1991); Immediate Past President (1993-1994); Executive Committee (1991-1994), World Aquaculture Society
 President (1992-1993); President Elect (1991-92); At-Large Representative (1988-1989; 1989-1990), Sigma Xi (The Scientific Research Society), Mississippi State University Chapter

COMMITTEES, SERVICE (PROFESSIONAL SOCIETIES, INDUSTRY)

Publications Subcommittee, World Aquaculture Society, 2013-2014
 Books Subcommittee (Chairman), World Aquaculture Society, 2012-2014
 Co-Organizer and Program Committee (co-Chairman), Annual Meeting of the United States Freshwater Prawn Growers Association, 2012
 Session Moderator, United States Aquaculture Society (Aquaculture America 2012), Las Vegas, Nevada, 2012
 Judge, Student Travel Awards, National Shellfisheries Association, 2011
 Publications Committee (co-chairman), World Aquaculture Society, 2009-2010
 Session Moderator, United States Aquaculture Society (Aquaculture America 2009), Seattle, Washington, 2009
 Awards Committee, United States Aquaculture Society, 2008-2009, 2009-2010
 Immediate Past President, National Shellfisheries Association, 2008-2009
 Strategic Plan Committee (Chairman), National Shellfisheries Association, 2008-2009
 Organizer, 2009 Annual Meeting of the National Shellfisheries Association, Savannah, GA, 2008-2009
 Judge, Outstanding Student Paper/Poster, United States Aquaculture Society, 2008, 2010, 2011, Moderator, 7th Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, 2007
 Moderator, 12th Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, 2012
 Judge, Best Student Abstract Award, United States Aquaculture Society, 2007, 2012, 2014
 Publications Committee, Southern Regional Aquaculture Center, 2006-2008
 Policy Committee, Southern Regional Aquaculture Center, 2006-2008
 National Assessment of Aquaculture Trends at Academic Institutions in the United States, United States Aquaculture Society, 2007- 2009
 Chairman, Past Presidents Committee, National Shellfisheries Association, 2007-2009
 Chairman, Election Committee, National Shellfisheries Association, 2007-2009
 Chairman, Awards Committee, National Shellfisheries Association, 2007-2009
 Site Evaluator and Contract Negotiator for 2009 Annual Conference, National Shellfisheries Association, 2007-2008
ad hoc Committee for Development of Website and Portal, National Shellfisheries Association 2006-2008
 Executive Committee, Southern Regional Aquaculture Center, 2006-2008
 Judge, Student Presentations, Annual Meeting of the National Shellfisheries Association, 2006
 Judge, Student Presentations, Annual Meeting of the United States Aquaculture Society, 2006, 2013
 Student Scholarship Awards Committee, Gamma Sigma Delta, 2005
 Student Awards Committee, National Shellfisheries Association, 2004, 2005
 Program Committee (Chairman), Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, 2004, 2005, 2006, 2007, 2008, 2009,
 Technical Committee, Southern Regional Aquaculture Center (SRAC), Mississippi State University representative, 2004-2008
 Awards Committee (Chairman), Gamma Sigma Delta, MSU Chapter, 2004
 Publications Committee, United States Aquaculture Society, 2002-2004
 Chairman, Program Committee, National Shellfisheries Association, 95th Annual Meeting, New Orleans, Louisiana, 2002-2003
 Organizing/Arrangements Committee, 95th Annual Meeting of the National Shellfisheries Association, New Orleans, LA, 2003
 Site Selection Committee, National Shellfisheries Association, 2002-2003
 Moderator of Technical Session, Annual U.S. Aquaculture Society Meeting, 2002

Chairman, Session on New Approaches and Management Strategies for the Culture of Crustaceans, 2001 Annual Meeting of the World Aquaculture Society, Orlando, FL

Publications Committee, National Shellfisheries Association, 1999-2001, Co-Chairman, 2001-2003

Co-Chairman, Session on Crustacean Nutrition, 1999 Annual Meeting of the World Aquaculture Society, Sydney, Australia

Executive Committee, National Shellfisheries Association, 1998-2001

Resolutions Committee, National Shellfisheries Association, Chair, 1998-99

Membership Committee (Co-chair), National Shellfisheries Association, 1997-1998

Co-Chairman, Session on Strategies for Achievement of Environmentally-Sensitive and Economically Competitive Aquaculture, 1997 Annual Meeting of the World Aquaculture Society, Seattle, Washington

Honors and Awards Committee, World Aquaculture Society, 1996-1998

Student Awards Committee, National Shellfisheries Association, 1996-97, 2001-2002

Organizing Committee, The Fifth International Working Group on Crustacean Nutrition Symposium, The Gait of 30 years in Crustacean Nutrition, Kagoshima University, Kagoshima, Japan, April 22-24, 1995

Steering Committee, 1991, 1993, 1994 Annual Conferences of the World Aquaculture Society

Executive Committee, World Aquaculture Society, 1991-1994

Chairman, Program Committee for World Aquaculture Society 1991 Annual Meeting, San Juan, Puerto Rico, 1990-91

Campus Activities Committee, 1986-87; 1987-88 (Chairman), Sigma Xi (The Scientific Research Society), Mississippi State University Chapter, Audit Committee, Sigma Xi, Mississippi State University Chapter, 1990-91; Banquet Committee (Chairman), Sigma Xi, Mississippi State University Chapter, 1994-1998, 2000-2006; Community Affairs Committee, Sigma Xi, Mississippi State University Chapter, 1993-1997

Co-Chairman, Program Committee for World Aquaculture Society 1987 Annual Meeting, Guayaquil, Ecuador, 1986-87

Chairperson/Moderator of Technical Session, Annual World Aquaculture (formerly Mariculture) Society Meeting, 1981, 1983, 1985, 1986, 1987, 1988, 1990, 1996, 1997, 1999, 2001, 2009, 2010, 2012

REGIONAL/NATIONAL/INTERNATIONAL REVIEW PANELS, COMMITTEES AND WORKSHOPS

Panel Participant, Network for Emerging Leaders in Sustainability (NELS), National Academies of Science, 2015

National Academies of Sciences/National Research Council (NRC) Committee on Considerations for the Future of Animal Science Research, 2014-2015

Peer Reviewer, Farmed Freshwater Prawn (North and South America), Seafood Watch, Monterey Bay Aquarium, Monterey Bay, CA, 2014

Review Team (Chairman), Proposal for Doctoral Degree in Aquaculture/Fisheries, University of Arkansas, Pine Bluff, 2011

Workshop Facilitator, Ocean Research Priorities Plan, Gulf of Mexico Research Plan, National Oceanic and Atmospheric Administration, National Sea Grant Program, February, 2008

National Academy of Sciences/National Research Council (NRC) Committee on Nutrient Requirements of Fish and Shrimp to produce revised NRC Publication "Nutrient Requirements of Fish and Shrimp", 2009-2010

United States Department of Agriculture, CSREES Review Team for Department of Fisheries and Allied Aquacultures, Auburn University, 2006

Steering Committee, Feed Formulation and Feeding Strategies for Bait and Ornamental Fish, Southern Regional Aquaculture Center (SRAC), Stoneville, MS, 2003-2004

Evaluation Panel, U.S.-Israel Binational Agricultural Research and Development Fund (Aquaculture), 2001-2002, 2002-2003, 2003-2004

Review Panel, United States Department of Agriculture, Small Business Innovative Research Program (Aquaculture), Chairman, 2002-2003
 Review Panel, Florida Sea Grant Research Program (Aquaculture), 2001, 2003, 2007
 Review Panel, Texas Sea Grant Research Program (Aquaculture), 2000
 Review Panel, United States Department of Agriculture, Small Business Innovative Research Program (Aquaculture), 1998-1999
 Review Panel (Aquaculture), Texas Higher Education Coordinating Board, 1997
 United States Department of Agriculture, Cooperating Scientist, Special Foreign Currency Program (Taiwan), 1987-1992
 United States Department of Agriculture, Cooperating Scientist, Special Foreign Currency Program (India), 1988-1994

SERVICE ACTIVITIES

Mississippi State University/other Colleges and Universities

Ad hoc Committee for Assessment of Athletic Program, Assumption College, 2015-
 Task Force – Future Use of Aiken Village (Graduate Student Housing), 2013
 Recruitment Materials Review Committee, 2012-2013
 Participant, Ethical Conduct of Research Roundtable, Academic Integrity Week, 2012
 Judge, Undergraduate Research Symposium (Shackhous Honors College), 2012, 2013
 Residency Appeals Committee, 2011-2013
 Steering Committee for SACS Reaffirmation of Accreditation, 2011-2013
 President's Committee on Planning, 2011-2013
 Scholarship Coding Committee, 2010-2011
 Future of Student Housing Planning Group, 2010-2011
 Chairman, Search Committee for Dean of the College of Business, 2010-2011
 Distance Education Task Force, 2010-2011
 Behavioral Intervention Team, 2010-2011
 Academic Planning Focus Group, 2010-2011
 International Center Planning Committee, 2009-2010
 Search and Screening Committee for Provost and Executive Vice President, 2009-2010
 Executive Leadership Committee, 2009-2013
 Executive Enrollment Management Council, 2009-2013
 International Programs and Study Abroad Committee, 2008 – 2010
 Graduate Council, *ex officio* member, 2008-2013
Ad hoc Ethics Investigative Committee, 2008-2009
 Promotion Criteria/Procedures Summer Focus Group (Member), Office of Research and Economic Development, 2008
 Strategic Planning Retreat, Office of Research and Economic Development (Invited Participant), 2007
 Faculty Focus Group (College of Forest Resources Representative) -Research and Scholarship at Mississippi State University, 2007
 Chairman, MSU Distinguished Professors, 2006-2008
 Task Force, Faculty Subgroup, 2006
 Call for Values Congruence Task Force, 2006
 Faculty Advisory Committee, Center for Teaching and Learning, 2006 -2009
 Traffic Policy Committee (Chairman), 2005-2008; 1999-2000, 2000-2001 (Faculty Senate Representative)
 Responsible Conduct of Research Committee, Office of the Vice President for Research and Graduate Studies, 2005 -2008
 Faculty/Administration Roundtable on “Distance Education and Teaching Excellence (Participant), 2005

Ad hoc Ethics Investigative Committee, 2005
 Faculty Advisor, MSU Chapter of the Mortar Board Honor Society, 2003-2006
 Associate Deans Council (Faculty Senate Representative), 2004-2005
 Grievance Panel, 2004-2006, 2006- (Alternate)
 Athletic Academics Study Group, 2003-2004
Ad hoc Committee on Academic Operating Policy for Faculty Workload (Chairman), 2003-2004
 Graduate Council (College of Forest Resources Representative), 2003-2006; Graduate Appeal Subcommittee, 2005
 Search and Screening Committee for Vice President of Academic Affairs (Agricultural Division Representative), 2003
 Search and Screening Committee for Vice President for Research (Faculty-at-Large Representative), 2002-2003
 Search Advisory Committee for Vice President for Student Affairs, 2002-2003
 Faculty Focus Group (Member), Digital Campus Initiative, 2001
 SACS-Self Study Steering Committee, 2000-2003
 SACS Faculty Committee (Chairman), 2000-2003
Ad hoc Committee on Grade Inflation, 2000-2001
Ad hoc Committee on Weekend Traffic and Parking, 2000-2002
 President's Leadership Team on Teacher Preparation, 2000-2002
 Faculty/Administration Roundtable on "Campus Morale" (Organizer and Moderator), 2000
 Faculty/Administration Roundtable on "Standards" (Participant), 2001
 Faculty/Administration Roundtable on "University Governance" (Participant), 2002
 Athletic Council (Member), 2000-2002
 Robert Holland Faculty Senate (formerly Faculty Council), 1994-2001; 2003-2008; Vice Chairman (1999-2000, 2000-2001); Executive Committee (1995-96, 1996-97, 1997-98, 1999-2000, 2000-2001, 2003-2004); Student Affairs Committee (1994-95; 1995-96 [Chairman], 1996-97 [Chairman], 1997-98 [Chairman], 1998-99); Faculty Affairs Committee (1994-95); Charter and Bylaws Committee (2003- 2004[Chairman]); Academic Affairs Committee (2004-2005 [Chairman]); Student Affairs Committee (2005-2006, 2006-2007), Faculty Affairs Committee (2007-2008)
 Instructional Improvement Committee (Faculty-At Large Member) 1999-2002, 2002-2005 (Co-Chairman, 2004-2005)
 Academic Deans Council (Faculty Senate Representative) 1999-2000, 2000-2001
 MSU Census 2000 Committee, 1999-2000
 Search and Screening Committee for Selection of Vice-President of Agriculture, Forestry, and Veterinary Medicine, 1999
Ad hoc Ethics Investigative Committee, 1999
 Search and Screening Committee for Selection of the Vice President for Research, 1997-1998
 President's Task Force on University Governance, Committee Member, 1995-1996
 President's Task Force on University Governance, Committee Member, 1995
 President's Task Force on Governance Procedures, 1998
 Planning Group for IHL Humanities Council Lecture Series on Higher Education in Mississippi, 1997
 Promotion and Tenure Committee, 1997-2001
 Freshman Year Experience Course Committee, 1996-97
 Academic Forgiveness *Ad Hoc* Committee, 1996
 Review Committee for Five Year Review of the Department of Biological Sciences, 1994, 1999
 Alumni Association Faculty Awards Selection Committee, 1991, 1993, 1995, 1999, 2001, 2003
 Priorities and Planning Committee, Division of Agriculture, Forestry and Veterinary Medicine, Mississippi State University, 1991-1992
 MSU Chapter Delegate, 1991 Annual Meeting of Sigma Xi, Washington, D.C.
 Search Committee for Selection of Director of the Mississippi Agricultural and Forestry Experiment Station, 1986-87

College and Department

Search and Screening Committee for Selection of Assistant/Associate Professor (Veterinary Pathology, Wildlife Emphasis), College of Forest Resources and College of Veterinary Medicine, 2006

Faculty Teaching and Learning Improvement Committee, Department of Wildlife and Fisheries, 2005-2008

Search and Screening Committee for Selection of Assistant Professor (Wildlife and Fisheries Biometrics), Department of Wildlife and Fisheries, 2005

Ad hoc Committee to Investigate Procedures for the CFR/FWRC Faculty Awards, 2003

Ad hoc Committee to Develop Guidelines for Promotion of Research Associates, College of Forest Resources, 2003

Ad hoc Screening Committee for Associate Dean, College of Forest Resources, 2003

Search and Screening Committee (Chairman) for selection of Assistant Professor of Aquatic Environmental Quality Position, Department of Wildlife and Fisheries, 2003

Ad hoc Committee on Integrated Curriculum (Chairman), Department of Wildlife and Fisheries, 2002

Probation Committee, Department of Wildlife and Fisheries, 2002-2003, 2005

Curriculum Committee, Department of Wildlife and Fisheries, 2001-2005 (Chairman, 2004), 2009-

Search and Screening Committee for Selection of Dean of the College of Forest Resources and Director of the Forestry and Wildlife Research Center, 1999-2000

Scholarship Committee, College of Forest Resources, Mississippi State University, 1996-2009 (Chairman-1998-2002)

Search Committee for Selection of Aquaculture/Fish Culturist Position, Department of Wildlife and Fisheries, 1997-1998

Search Committee for Selection of Animal Nutritionist Faculty Position, Department of Animal Science, 1996-1997

Ad hoc Committee on Awards, College of Forest Resources, Mississippi State University, 1996

Awards Committee (Chairman), Department of Wildlife and Fisheries, Mississippi State University, 1995-1998, 2006-2007

Promotion and Tenure Committee, Department of Wildlife and Fisheries, Mississippi State University, 1995-2007 (Chairman 1998, 1999, 2000, 2003 - 2005)

Search Committee (Chairman) for Selection of Fish Culturist/Pond Biologist Faculty Position, Department of Wildlife and Fisheries, 1994-1995.

Ad hoc Undergraduate Teaching Programs Committee, School of Forest Resources, Mississippi State University, 1993-1994

Search Committees for Selection of Department Chairperson, Department of Wildlife and Fisheries, 1986-1987, 1993

Ph.D. Diagnostic Examination Committee (Chairman), Department of Wildlife and Fisheries, Mississippi State University, 1985-1995

Undergraduate Recruiting Committee, School of Forest Resources, Mississippi State University, 1985-1990

Faculty Advisor, Xi Sigma Pi (Alpha Theta Chapter), Mississippi State University, 1987-1989

Faculty Advisor, Fisheries Club, Mississippi State University, 1985-1987

MEMBERSHIPS IN SCIENTIFIC, PROFESSIONAL AND HONOR SOCIETIES:

World Aquaculture Society (formerly World Mariculture Society), 1978-present

United States Aquaculture Society, 1990-present

International Association of Astacology, 1984-2008

The Ecological Society of America, 1980-1999

Bodega Marine Sciences Association, 1979-present

American Fisheries Society, (AFS), 1985-1994; AFS, Mississippi Chapter, 1999- 2010

The Crustacean Society, 1985-present
 American Society of Limnology and Oceanography, 1977-1983
 Sigma Xi, 1986-present
 Xi Sigma Pi (Forest Resources National Honor Society), 1986-present
 American Society for Nutritional Sciences (formerly American Institute of Nutrition), 1986-2005
 Mississippi Academy of Sciences, 1987-2005
 Gamma Sigma Delta (Agriculture Honor Society), 1990-present
 Graduate Faculty, Mississippi State University (Full Membership), 1987-present
 National Shellfisheries Association, 1987-present
 Louisiana Crawfish Farmers Association, 1988-2000

SABBATICALS

Universidad Autonoma de Baja California, Instituto de Investigaciones Oceanologicas, Ensenada, Baja California, Mexico, May-August, 1998 (mollusk nutrition and culture)

CONSULTING AND ADVISORY BOARDS

Organic Nutrition, LLC (Advisory Board) 2011-
 Neptune Industries, Inc., (Advisory Board), Boca Raton, FL, 2008-2010
 Nature's Catch, Clarksdale, MS, 1999
 American Soybean Association, 1998
 Hawaii Aquaculture Company, Honolulu, Hawaii 1988-1998
 Morris and McDaniel, Inc., Jackson, Mississippi (Methodological Consultant on Freshwater Prawn Farming), 1985
 Environmental Design Associates, New Canaan, Connecticut (Environmental Consultant), September, 1977-April, 1979
 Town of Litchfield, Connecticut (Environmental Consultant), 1975

TEACHING

Mississippi State University

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| Principles and Practices of Aquaculture (Undergraduate/Graduate, offered every even numbered year) | 2006-2008 |
| Fish Physiology (Undergraduate/Graduate, offered every even numbered year) | 1984-2004 |
| Fish and Shellfish Nutrition (Graduate/Undergraduate, offered every odd number year) | 1989-2007 |
| Crustacean and Molluscan Aquaculture (Undergraduate/Graduate, offered every even number year) | 1990-2004 |
| Seminar in Communication Skills in Wildlife and Fisheries Professions (Graduate, every year) | 2005-2007 |
| Seminar in Wildlife and Fisheries (Graduate) | 1988, 2001 (Spring and Fall) |
| Seminar in Wildlife and Fisheries (Undergraduate) | 1989, 1990, 2006, 2008 |
| Applied Aquatic and Terrestrial Ecology (Undergraduate, marine ecology lectures and field trip offered annually) | 1989-2002 |
| Freshman Year Experience | 1987, 1997, 1998 |

University of California, Davis

Theory and Practice of Aquaculture 1979-1983
 (Undergraduate, team taught, offered annually)

Yale University

| | |
|-----------------|------|
| Limnology | 1977 |
| Ecology | 1976 |
| General Biology | 1975 |

Other

Principles of Marine Aquaculture (Undergraduate, team taught) University of Southern Mississippi, Institute of Marine Studies, Gulf Coast Research Laboratory, Ocean Springs, Mississippi, 1999

GRADUATE STUDENT ADVISORY COMMITTEES:**Current (2)**

M.S.: 0
Ph.D.: 2

Past (71)

M.S.: 36 (Major Professor, 9)
Ph.D.: 35 (Major Professor, 7, Minor Professor, 1)

THESES AND DISSERTATIONS DIRECTED (9 M.S., 8 Ph.D.)

- 2005 **Justin L. Wilkens**, M.S., "Evaluation of hatchery and growout factors for the successful production and stocking of juvenile Gulf Coast walleye" 92 pp.
- 2005 **Marinela Barrero-Monzon**, Ph.D., "Plasma steroid and vitellogenin concentrations and activity of cathepsins during oocyte maturation, and the influence of hormone injection in four commercial strains of channel catfish (*Ictalurus punctatus*) 179 pp. (Co-director)
- 2003 **Cortney L. Ohs**, Ph.D., "Development of methodology to control sex differentiation and male phenotypic expression in the freshwater prawn *Macrobrachium rosenbergii*" 97 pp.
- 2003 **John B. Taylor**, Ph.D., "Influences on feeding activity of channel catfish and sunshine bass fed to satiation in earthen ponds in Mississippi" 134 pp. (Co-director)
- 2002 **Josè L. Montanez**, Ph.D., "Whole-farm linear programming for freshwater aquaculture in earthen ponds in Mississippi" 176 pp. (Minor professor)
- 2001 **Ekaterina E. Kovalenko**, M.S., "Development and evaluation of formulated diets for larval culture of freshwater prawn, *Macrobrachium rosenbergii*" 48 pp.
- 2000 **Kathleen C. Elgarico**, M.S., "Evaluation of management strategies to maximize mean harvest weight and yield of red swamp crayfish, *Procambarus clarkii* (Girard, 1852), in production ponds without planted forage" 69 pp.
- 1999 **Wan Jun Han**, Ph.D., "Development and evaluation of a coagulated egg albumin microparticulate diet for larval culture of freshwater prawn *Macrobrachium rosenbergii* and striped bass *Morone saxatilis*" 102 pp.
- 1995 **Cortney L. Ohs**, M.S., "Development and evaluation of a spray-dried artificial diet for larval culture of freshwater prawn (*Macrobrachium rosenbergii*), hybrid striped bass (*Morone saxatilis* X *M. chrysops*), and striped bass (*M. saxatilis*)" 73 pp.
- 1994 **Yii Shing Huang**, Ph.D., "Fatty acid metabolism of juvenile channel catfish *Ictalurus punctatus* associated with diets of different lipid sources and cold temperature acclimation" 254 pp.
- 1993 **William H. Daniels**, Ph.D., "Classification of the male morphotypes of the freshwater prawn *Macrobrachium rosenbergii* based on external morphology and reproductive condition and description of factors influencing metamorphosis" 215 pp.

- 1993 **Richard van Hoosen**, M.S., "Intensive culture of the red swamp crayfish (*Procambarus clarkii*) and freshwater prawn (*Macrobrachium rosenbergii*) as part of an intercropping system" 72 pp.
- 1990 **Rosa Molina**, M.S., "Assessment of practical diets, habitat quality and quantity, and stocking density for use in a nursery phase of culture of the freshwater prawn *Macrobrachium rosenbergii*" 61 pp.
- 1989 **Daniel Niquette**, M.S., "Population characteristics of pond cultured red swamp crayfish *Procambarus clarkii* and white river crayfish *P. acutus* and preliminary evaluation of new management techniques" 136 pp.
- 1989 **Shyn-Shin Sheen**, Ph.D., "Evaluation of dietary oils and fatty acid requirements of juvenile freshwater prawn *Macrobrachium rosenbergii* by survival and weight gain response and tissue composition analysis" 148 pp.
- 1988 **Curtis Summerlin**, M.S., "Nutrition of juvenile *Macrobrachium rosenbergii*: the effect of available surface area, dietary protein levels and dietary protein to energy ratios" 82 pp.
- 1987 **Laurieann Reed**, M.S., "Nutrition of juvenile *Macrobrachium rosenbergii*: evaluation of an experimental system and the effects of dietary lecithin and protein quantity" 106 pp.

RESEARCH GRANTS (29 COMPETITIVE GRANTS AWARDED, APPROXIMATELY \$ 5.35 MILLION)

- Southern Regional Aquaculture Center, USDA; 2011, *Reproduction and larval rearing of freshwater ornamental and marine baitfish*
- FONDEF-CONICYT (Chile) in association with Instituto de Acuicultura, Universidad Austral de Chile, 2007 -2010 *Development of Chilean king crab *Lithodes santolla* culture phase II: improvement of technology for seed production and development of growout technology*
- United States Department of Agriculture, Agricultural Research Service; 2004-2005, 2005-2006, 2006-2008, *Hill Area Aquaculture, Alternative management practices*
- Southern Regional Aquaculture Center, USDA; 2003-2006, *Improving reproductive efficiency to produce channel x blue hybrid catfish fry*
- Special Research Initiative, Mississippi Agricultural and Forestry Experiment Station, 2003, *Evaluation of the production parameters for the fingerling to stocker phase in a modular production system for the farming of channel catfish, *Ictalurus punctatus**
- William H. White Special Projects Awards, Mississippi Agricultural and Forestry Experiment Station, 2003, *Best management practices for the production of freshwater prawn at low stocking densities*
- National Council of Science and Technology, Mexico, 1999-2004, *Digestive physiology and nutritional metabolism of the cultured abalone (*Haliotis fulgens*)*
- United States Department of Agriculture, Southern Regional Aquaculture Center, 1997-1999, *Optimizing nutrient utilization and waste control through diet composition and feeding strategies*
- Sea Grant Program (Mississippi-Alabama Sea Grant Consortium), 1998-2001, *Nutritionally complete, low cost, artificial diets for the culture of fish and crustacean larvae*
- United States Department of Agriculture, Cooperative State Research Service, 1990-91; 1991-92; 1992-93; 1993-94; 1994-95; 1995-96; 1996-97; 1997-98; 1998-99; 1999-2000, *Alternative marine and freshwater species for aquaculture*
- Sea Grant Program (Mississippi-Alabama Sea Grant Consortium), 1994, 1996-1998, *Development of a novel, low-cost diet for larval fish and crustaceans*
- United States Department of Agriculture (SBIR Program, Aquaculture), 1990, *Development of sex reversal technology for cultured marine shrimp and freshwater prawn broodstock*
- United States Department of Agriculture (Special Research Grant Program, Aquaculture), 1987-1989, State of Mississippi, 1985-1986, *Warmwater aquaculture, freshwater prawn aquaculture (emphasis in nutrition and crustacean physiology)*
- State of Mississippi, 1984-1985, *Warmwater aquaculture, freshwater prawn aquaculture (emphasis in nutrition)*
- California Sea Grant, 1981-1984, *Aquatic animal production: husbandry optimization. (invertebrate nutrition)*

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- “Freshwater prawn aquaculture – sustainability through “less is better” World Aquaculture Society, Nashville, TN, 2013
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- “A comparison of two feeding rates of range cubes on the production of freshwater prawns grown in earthen ponds and corresponding levels of phosphorus” United States Aquaculture Society (Aquaculture America 2012), Las Vegas, Nevada, 2012
- “An effective feeding strategy to alter the fatty acid composition of pond raised freshwater prawns at harvest” 33rd Annual Fish Feed and Nutrition Workshop, University of Arkansas, Pine Bluff, AR, 2011
- “A pre-harvest feeding strategy to enhance long chain polyunsaturated fatty acid composition of the tail muscle of the freshwater prawn *Macrobrachium rosenbergii* grown in low input earthen production ponds” United States Aquaculture Society (Aquaculture America 2011), New Orleans, LA 2011
- “Feeding strategies for low input culture of freshwater prawns *Macrobrachium rosenbergii* in earthen ponds” World Aquaculture Society, San Diego, CA, 2010
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- “Evaluation of a fingerling to stocker phase for channel catfish *Ictalurus punctatus* farming in commercial size earthen ponds”, 37th Annual Meeting of the World Aquaculture Society, San Antonio, TX, 2007
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- “Semi-intensive culture of the red swamp crawfish *Procambarus clarkii* in earthen ponds without planted forage”, Aquaculture America, United States Aquaculture Society, New Orleans, LA, 2005
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- “Feeds and feeding practices for sustainable shrimp farming” (**Keynote presentation**), Fourth Symposium of World’s Chinese Scientists on Nutrition and Feeding of Finfish and Shellfish, Wuhan University, Wuhan, China, 2001
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- “Lipid Requirements of Shrimp,” Symposium on Advances in Tropical Aquaculture, Tahiti, French Polynesia, February 1989.
- “Effect of Feeding Levels on Weight Gain and Food Conversion in Juvenile Lobsters (*Homarus americanus*),” Twentieth Annual Meeting of the World Aquaculture Society, Los Angeles, California, February 1989.
- “Estimation of the Optimal Dietary Lipid Level for Juvenile Freshwater Shrimp,” Twentieth Annual Meeting of the World Aquaculture Society, Los Angeles, California, February 1989.
- “Revitalization of the Prospects for Freshwater Shrimp Culture in the United States: Coordinated Research Efforts in Hawaii and Mississippi,” Twentieth Annual Meeting of the World Aquaculture Society, Los Angeles, California, February 1989.
- “Essential Fatty Acid Requirements of Juvenile Freshwater Prawn *Macrobrachium rosenbergii*,” Twentieth Annual Meeting of the World Aquaculture Society, Los Angeles, California, February, 1989.
- “Feeds and Feeding Strategies for Monoculture of the Freshwater Prawn, *Macrobrachium rosenbergii*,” Twentieth Annual Meeting of the World Aquaculture Society, American Fisheries Society, Los Angeles, California, February 1989.
- “Aquaculture Research Needs for the Year 2000: Fish and Crustacean Nutrition,” International Symposium on Aquaculture Needs for the Year 2000, New Delhi, India, November 1988.
- “Optimal Dietary Protein Level for Juvenile Freshwater Prawn *Macrobrachium rosenbergii*,” Nineteenth Annual Meeting of the World Aquaculture Society, Honolulu, Hawaii, January 1988.
- “Nutritional Requirements of Juvenile Freshwater Prawns *Macrobrachium rosenbergii*,” Fifty-first Annual Meeting of the Mississippi Academy of Sciences, Jackson, Mississippi, February 1987.
- “Pond Production of the Freshwater Prawn *Macrobrachium rosenbergii* Stocked As Juveniles at Different Densities in Mississippi,” Eighteenth Annual Meeting of the World Aquaculture Society, Guayaquil, Ecuador, January 1987.
- “Intensive Aquaculture of Crustaceans: The Use of Distillers Dried Grains in Commercial Feed,” 41st Distillers Feed Conference, Cincinnati, Ohio, April 1986.
- “Pond Production of the Freshwater Prawn *Macrobrachium rosenbergii* Stocked as Juveniles at Different Densities in Mississippi,” Annual Meeting of the American Fisheries Society (Mississippi Chapter), Hattiesburg, Mississippi, February 1986.
- “Freshwater Shrimp and Catfish Polyculture,” Annual Meeting of the Catfish Farmers of Mississippi, Greenville, Mississippi, February 1985.

“The Effect of Various Dietary Carotenoids on Pigmentation of Lobsters Fed a Purified Diet,” Thirteenth Annual Meeting of the World Mariculture Society, Charleston, South Carolina, March 1982.

“Successful Artificial Diets for the Culture of Juvenile Lobsters,” Twelfth Annual Meeting of the World Mariculture Society, Seattle, Washington, March 1981.

“Relationships Among Dietary Lipids, Tissue Lipids, and Growth in Juvenile Lobsters,” Eleventh Annual Meeting of the World Mariculture Society, New Orleans, Louisiana, March 1980.

“Effects of Temperature and Dietary Lipids on the Productivity of *Moina macrocopa* (Cladocera),” American Society of Limnology and Oceanography meetings, Vancouver, British Columbia, June 1978.

INVITED LECTURES/PRESENTATIONS/SEMINARS/WORKSHOPS (64), 34 AT OTHER UNIVERSITIES/ INSTITUTIONS OR STATE ASSOCIATIONS

Research/Perspectives

“Freshwater prawn farming: an inland aquaculture enterprise finally poised for success”. 13th Annual Meeting of the United States Freshwater Prawn Growers Association, Mississippi State University, March, 2014

“Challenges and prospects of sustainable aquaculture enterprise globally”. Department of Biological Sciences, University of Alabama, Birmingham, February, 2014

“Freshwater prawn farming: an inland aquaculture enterprise finally poised for success”. Texas Aquaculture Association, Fredricksburg, TX, January, 2014

“Options for Feeding Freshwater Prawns in Growout Ponds Using a Low Input Production Strategy”, 12th Annual Meeting of the United States Freshwater Prawn Growers Association, Mississippi State University, November 30 – December 1, 2012

“Impact of Feeding Rate and Stocking Size on Production of Freshwater Prawns in Low Input Production Ponds”, 11th Annual Meeting of the United States Freshwater Prawn Growers Association, Aquaculture Research Center, Kentucky State University, December, 2011

“Modification of the Fatty Acid Composition of the Freshwater Prawn Grown in Low Input Earthen Production Ponds: Creating a Value Added, “Super Green Product”, 10th Annual Meeting of the United States Freshwater Prawn Growers Association, Tunica, MS, December, 2010

“Further Evaluation of Feeding Strategies as Part of a Low Input Management Strategy in Earthen Growout Ponds for *Macrobrachium rosenbergii*”, 9th Annual Meeting of the United States Freshwater Prawn Growers Association, Tunica, MS, December, 2009

“Effect of Grading and Different Fertilizers on Production of Prawns in Low Input Earthen Experimental Ponds”. 8th Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, Raleigh, NC, December, 2008

- “The Path to Success for Freshwater Prawn Aquaculture”. Freshwater Prawn Workshop, Stoneville, MS, November, 2008
- “The Path to Success for Freshwater Prawn Aquaculture”. Freshwater Prawn Workshop, Stoneville, MS, February, 2008
- “Altering the Flavor of Prawns by Post-Harvest Treatment”. 7th Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, Nashville, TN, December 2007.
- “Experimental Studies of Fertilization /Feeding of Prawns in Production Ponds”. 7th Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, Nashville, TN, December, 2007
- “Status of the Freshwater Prawn Industry”, Aquaculture Summer Commodity Conference, Mississippi Farm Bureau Federation, Stoneville, MS, May, 2007
- “Freshwater Prawn Recipes (for Success of an Emerging Aquaculture Industry in the US)”. **Keynote Presentation**, 6th Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, Nashville, TN, December, 2006
- Fertilization Practices - New Approaches. 6th Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, Nashville, TN, December, 2006
- Controlling high pH and nuisance algae in your ponds. 6th Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, Nashville, TN, December, 2006
- Alternative Feeding Opportunities to Maintain Production and Decrease Costs, North Carolina State University Extension Workshop (Marketing Opportunities for Freshwater Prawn: Sharing Cutting - Edge Research Based and Industry Proven Strategies), Goldsboro, NC, April, 2006
- Freshwater Prawn Farming: Benefits, Requirements, Recommendations, and Risks, Freshwater Prawn Workshop, Stoneville, MS, February, 2006
- Organic Fertilization - Alternatives for Reducing “Feed” Expenses, 5th Annual Meeting of the United States Freshwater Prawn and Shrimp Growers Association, Tunica, MS, December, 2005
- Answers to Frequently Asked Questions about Freshwater Prawn Farming, 5th Annual meeting of the United States Freshwater Prawn and Shrimp Growers Association, Tunica, MS, December, 2005
- “Effects of Dietary Protein and Fingerling Size on Stocker Production as Part of a Modular System for Catfish Culture, Fall Seminar, National Warmwater Aquaculture Center, Stoneville, MS, November, 2005
- Toward a Better Management Practice for the Commercial Farming of Channel Catfish - A Modular Approach, 12th Annual Fish Farming Trade Show, Greenville, MS, February, 2005
- Answers to Frequently Asked Questions about Freshwater Prawn Farming, 4th Annual meeting of the United States Freshwater Prawn and Shrimp Growers Association, Tunica, MS, December, 2004
- Low Input Aquaculture of the Freshwater Prawn, 3rd Annual meeting of the United States Freshwater Prawn and Shrimp Growers Association, Tunica, MS, January, 2004

- Production of Freshwater Prawns Grown in Earthen Ponds: Low Input Aquaculture, Effects of Size Grading and Substrate, and Recommended Management Practices, 4th Annual Tennessee Prawn Production Conference, University of Tennessee, Knoxville, TN, October, 2003.
- Progress in the Development of Formulated Diets for Larval Fish and Crustaceans, Program Assessment Team Review, Mississippi-Alabama Sea Grant Consortium, Greensboro, AL, May, 2003
- Freshwater Prawn Research: Developments and the Future, 2nd Annual Meeting of the U.S. Freshwater Prawns and Shrimp Growers Association, Tunica, MS, March, 2003
- Feeds and Feeding Strategies for the Culture of the Freshwater Prawn in Temperate Climates, University of Tennessee Workshop for the Culture of Freshwater Prawns, Springfield, TN, November, 2002
- Management Practices for the Production of the Red Swamp Crayfish, *Procambarus clarkii*, in Earthen Ponds Without Planted Forage, Workshop for Crawfish Production in Forage and Non-Forage Systems, Greenwood, MS, March, 2002.
- Recent Research Results, Mississippi State University - American Farm-raised Prawns. United States Freshwater Prawn and Shrimp Growers Association, Stoneville, MS, January 2002.
- Raising Freshwater Shrimp, North Carolina Aquaculture Development Conference, Atlantic Beach, North Carolina, January 2002.
- Feeds and feeding practices for sustainable shrimp farming, Workshop, Institute of Animal Sciences, Chinese Academy of Sciences, Guangzhou, China, September 2001.
- Methodology for the performance of nutritional experiments for fish and crustaceans. Workshop, Zongshan University, Guangzhou, China, September, 2001.
- Feeds and Feeding Strategies-Freshwater Prawns. Freshwater Prawn Workshop, Kentucky State University, Frankfort, Kentucky, September, 2001.
- Research Activities and Perspective-Freshwater Prawns. Freshwater Prawn Workshop, Mississippi State University, October, 2000.
- Management practices for the production of red swamp crayfish *Procambarus clarkii* in earthen ponds without planted forage. Alabama Crayfish Farmers Association, October, 2000.
- Aquaculture around the world and in Mississippi: the future. **(Keynote presentation)**, Annual Meeting of the Soil and Water Conservation Society, Mississippi State University, Mississippi State, Mississippi, December, 1998.
- The farming of the freshwater prawn *Macrobrachium rosenbergii*: Addressing biological, market, and marketing criteria to achieve a successful enterprise. Departamento de Acuicultura, Centro de Investigacion Cientifica y de Educacion Superior de Ensenada (CICESE), Ensenada, Baja California, Mexico, June, 1998.

- Applying an understanding of the physiology of the freshwater prawn toward the development of management strategies to increase commercial production. Universidad Autonoma de Baja California, Instituto de Investigaciones Oceanologicas, Ensenada, Baja California, Mexico, June, 1998.
- Management strategies for non-traditional culture of the red swamp crayfish *Procambarus clarkii*. Department of Animal Science, University of California, Davis, CA, June 1998.
- The farming of the freshwater prawn *Macrobrachium rosenbergii*. Addressing the biological market and marketing considerations to achieve a successful enterprise. Department of Animal Science, University of California, Davis, CA, June 1998.
- The nutritional value of lecithin and its use in shrimp feeds. International Course on the Nutrition of Shrimp (Curso Internacional sobre Alimentacion de Camaron), American Soybean Association and the Universidad de Nuevo Leon, Mazatalan, Mexico, March 1998.
- Feed ingredients and additives and feeding practices for shrimp farming. International Course on the Nutrition of Shrimp (Curso Internacional sobre Alimentacion de Camaron), American Soybean Association and the Universidad de Nuevo Leon, Mazatlan, Mexico, March 1998
- Development of a novel, low cost diet for larval fish and crustaceans. Mississippi Alabama Sea Grant Program, November 1996.
- Morphological variation in populations of freshwater prawns *Macrobrachium rosenbergii*: management to maximize production and revenue in commercial aquaculture enterprises. Department of Biological Sciences, University of Southern Mississippi, March 1996.
- Culture of freshwater shrimp in farm ponds. Second Annual Tree Farmer Convention. St. Louis, Missouri, November 1995.
- Nutrition and feeding of freshwater shrimp and crayfish. Practical Short Course on Aquaculture Nutrition, Management and Feed Preparation. Texas A & M University, Corpus Christi, Texas, September 1994.
- Recent advances in the culture of the freshwater prawn *Macrobrachium rosenbergii*. National Taiwan Ocean University, Keelung, Taiwan, Republic of China, March 1993.
- Fed crawfish pond production systems. North Carolina Aquaculture Development Conference, Greenville, NC. November 1991. Freshwater prawn culture: polyculture with catfish and crop rotation systems. North Carolina Aquaculture Development Conference, Greenville, NC, November 1991.
- Shrimp nutrition research at Mississippi State University. Aquaculture Scientific Advisory Board Meeting, Ralston Purina International, San Juan, Puerto Rico, June 1991.
- Dietary requirement of juvenile freshwater prawn for ascorbic acid (vitamin C): determination and application to feed development. The University of Maryland, Center for Environmental and Estuarine Studies, Horn Point Laboratories, Cambridge, MD., April 1991.
- Male social structure in pond populations of the freshwater shrimp *Macrobrachium rosenbergii*: origin, significance and management in intensive aquaculture. Department of Zoology, University of Arkansas, Fayetteville, March 1990.

- Eliminating shrimpy shrimp in commercial culture of freshwater prawn. Sigma Xi Chapter at Mississippi State University. Mississippi State, Mississippi, November 1989.
- Male social structure in pond populations of the freshwater shrimp *Macrobrachium rosenbergii* : origin, significance and management in intensive aquaculture. Department of Biological Sciences, Mississippi State University, November 1989.
- Nutrition of crustacean species: status and future needs; experimental aquaculture of the freshwater prawn *Macrobrachium rosenbergii* in the southeastern United States: results and future approaches. National Taiwan College of Marine Science and Technology, Keelung, Taiwan, June 1988.
- Intensive aquaculture of the freshwater prawn (*Macrobrachium rosenbergii*) in a temperate climate: approaches and research results. Department of Biology, University of Alabama, Birmingham, Alabama, April 1988.
- Crayfish aquaculture: alternatives to management procedures practiced in Louisiana. Crayfish Symposium, Southwest Missouri State University, Springfield, Missouri, April 1988.
- Factors limiting the effectiveness of the aquaculture of the freshwater prawn (*Macrobrachium rosenbergii*): definition, understanding, and proposed management. Sigma Xi Chapter at Mississippi State University, Mississippi State, Mississippi, October 1987.
- Aquaculture research: the importance of engineering. 28th Annual Meeting of the American Society of Agricultural Engineers (Mississippi Section) Mississippi State University, Mississippi State, Mississippi, October 1987.
- Ecological requirements and techniques for culturing freshwater shrimp. Colloquium on Biology in the Mid-South (Special Session on Aquatic Biology), Memphis State University, Memphis, Tennessee, May 1987.
- Intensive aquaculture of the freshwater prawn (*Macrobrachium rosenbergii*) in a temperate climate: approaches and research results. Department of Aquaculture, Fisheries and Wildlife, Clemson University, Clemson, South Carolina, September 1986.
- Diet-dependent sterol metabolism in the lobster, *Homarus americanus*. The University of Maryland, Center for Environmental And Estuarine Studies, Horn Point Laboratories, Cambridge, Maryland, May 1986.
- Freshwater shrimp production and harvesting. Aquaculture Symposium, Sea Grant Advisory Service, Gautier, Mississippi, April 1986.
- Overview of freshwater prawn aquaculture at Mississippi State University. Aquaculture Program, University of California, Davis, California, and Bodega Marine Laboratory, Bodega Bay, California, January 1986.
- Dietary dependent sterol transport in the American lobster, *Homarus americanus*. Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, June 1983.
- Aspects of lobster nutrition. Department of Zoology, University of California, Berkeley, June 1982.

Ethics and Teaching

Ethical Conduct as the Foundation of Leadership, Archer High School Leadership Summit, Lawrenceville, GA, March, 2015

Ethical Conduct of Research Panel (member), Academic Integrity Week, Mississippi State University, October, 2013, October 2012

Ethics and Responsible Conduct in Research, Aquaculture Research Center, Kentucky State University, December, 2011

Teaching Tips from Award Winning Faculty, Brown Bag, Center for Teaching and Learning, Mississippi State University, February, 2011

Ethics and Responsible Conduct in Research. Graduate Seminar, Department of Forest Products, Mississippi State University, December, 2009, 2010, 2011, 2012, 2013

What makes a good teacher?, College of Forest Resources, Brown Bag Seminar, March, 2006.

Reorienting the Student as Customer, Mitchell Memorial Library Lecture Series and University Instructional Improvement Committee, Mississippi State University, November, 2002.

Putting a Teaching Philosophy into Practice, School of Information Studies, Florida State University, December, 2001.

Teaching Philosophy, University and Community College Instruction Class, Mississippi State University, July 2001

Ethics and Ethical Behavior in Science and the Wildlife and Fisheries Profession. Seminar, Department of Wildlife and Fisheries, Mississippi State University, January 1999

Effective Teaching-Alternate Views. Mississippi State University, Office of Academic Affairs, April 1995

