

CURRICULUM VITA
WILLIAM T. DAVIN, JR.
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Ia. EDUCATION

- 1986 Ph.D. Southern Illinois University at Carbondale: Zoology
Major: Fisheries Biology; Minor: Physiology
Dissertation Title: "The effects of ciguateric toxins on selected fishes"
Advisors: Wm. Lewis and C. Kohler
- 1977 M.S. University of Mississippi: Zoology
Major: Marine Biology
Thesis Title: "The geographical distribution of ciguatoxic fish in the
eastern half of the British Virgin Islands."
Advisors: Wm. Longest and N. Doorenbos
- 1975 Gulf Coast Research Laboratory, Ocean Springs, Mississippi
- 1974 B.A. Western State College of Colorado: Biology

Ib. CONTINUING EDUCATION

- 2009 GIS Training. Kennesaw State University, Kennesaw, GA
- 2008 "RCRA Hazardous Waste Management Training Seminar" Berry College, Mount
Berry GA
- 2005 "Strategies for Success Science Workshop" Chattanooga State College,
Chattanooga, TN.
- 2001 "Diseases of Corals and Other Reef Organisms" Mote Marine Laboratory,
Summerland Key, Florida
- 1999 "Writing Across the Curriculum" Workshop Series, Berry College, Georgia

Tropical Marine Biology Instructors Course, St. Ann's Bay, Jamaica
- 1995 Walleye Technical Committee Summer Workshop, Dubuque, Iowa.
- 1994 Fish Stock Assessment Workshop. Carbondale, Illinois.
- 1991 Workshop on Fish Health. Illinois Department of Agriculture, Springfield, Illinois.

1987 Concentrated class in Fish Health. Class No. Z485A. Southern Illinois University at Carbondale, Division of Continuing Education.

II. PROFESSIONAL EXPERIENCE

- 2014 - Professor and Department Chair, Department of Biology, Berry College
- 2000-14 Associate Professor, Department of Biology, Berry College
- 1994-00 Assistant Professor, Department of Biology, Berry College.
- 1995-96 Adjunct Assistant Professor, Department of Zoology, Southern Illinois University.
- 1992-94 Research Assistant Professor, Fisheries Research Lab., Southern Illinois University. Co-Principal Investigator on research grant: "Induced Stress in Stocked game fish". Supervising research on the potential of crayfish culture in the Midwest.
- 1991-92 Senior Scientist, Fisheries Research Lab., Southern Illinois University. Co-Principal Investigator on two research grants: "Induced Stress in Stocked game fish" and "Angler Use of Rivers and Streams in Southern Illinois." Supervising research on the potential of crayfish culture in the Midwest.
- 1989-91 Research Associate, Fisheries Research Lab., Southern Illinois University. Co-Principal Investigator on two research grants: "Illinois Streams Use" and "Induced Stress in Stocked Fish." Conducting research on crayfish culture potential in southern Illinois.
- 1987-89 Research Associate, Fisheries Research Lab., Southern Illinois University. Conducting extensive literature review on supplemental stocking and spillway escapement of 13 species of game fish and preparing manuscript for a book on the subject. Co-Principal investigator on Illinois stream access grant.
- 1986-87 Researcher I, Fisheries Research Lab., Southern Illinois University. Principle researcher conducting a study on the movement of Walleye in Illinois reservoirs using ultrasonic radio tags.
- 1985-86 Graduate Research Assistant, Fisheries Research Lab., Southern Illinois University. Designed and conducted a study on ciguatoxin and its effects on marine fishes.
- 1985 Researcher I, Fisheries Research Lab., Southern Illinois University. Conducting fish stock assessment on the Mississippi River; utilizing SCUBA and underwater photography.
- 1984 Researcher I, Fisheries Research Lab., Southern Illinois University. Conducting a study utilizing magnetically coded nasal tags on juvenile walleye.

- 1981 Assisted in a marine stock assessment project on LaGonave Island, Haiti
- 1980-84 Graduate Research Assistant, Fisheries Research Lab., Southern Illinois University. Research projects included work at the Striped Bass Hatchery, Illinois Creel Program, otolith studies, lake stock assessment, and conducting ciguatera bioassays.
- 1977 Graduate Researcher, Department of Pharmacology, University of Mississippi. Developed and directed bioassay on ciguatoxic fish.
- 1975-76 Graduate Researcher, Bitter End Field Station, Virgin Gorda, British Virgin Islands. Conducted study on geographical distribution of potentially ciguatoxic fishes.

III. TEACHING EXPERIENCE

- 8/14- Professor, Berry College. Teaching BIO 305 (Principles of Ecology), BIO 332 (Vertebrate Zoology), Bio 465 (Aquatic Biology), BIO 482 (Coral Reef Ecology), BIO 490 (Senior Seminar), and the corresponding labs for each course.
- 8/00-8/14 Associate Professor, Berry College. Teaching BIO 112 (Principles of Biology II for majors), BIO 205 (Principles of Ecology), BIO 332 (Vertebrate Zoology), Bio 465 (Aquatic Biology), BIO 482 (Coral Reef Ecology), BIO 490 (Senior Seminar), EVS 104 (Introduction to Environmental Science), and the corresponding labs for each course.
- 8/94-8/00 Assistant Professor, Berry College. Teaching BIO 104 (Environment and Society), BIO 106 (Diversity), BIO 111 (Principles of Biology I for majors), BIO 112 (Principles of Biology II for majors), BIO 205 (Principles of Ecology), BIO 303 (Comparative Animal Physiology), BIO 332 (Vertebrate Zoology), Bio 465 (Aquatic Biology), BIO 490 (Senior Seminar), EVS 104 (Introduction to Environmental Science), and the corresponding labs for each course.
- 8/92-8/94 Instructor (Zoology), Southern Illinois University at Carbondale. Teaching BIO 307 (Principles of Ecology), GEA 312 (Conservation of Natural Resources), and ZOO 220B (Vertebrate Zoology).
- 8/91-12/91 Instructor (Zoology), Southern Illinois University at Carbondale. Taught eight sections of GEA 115 (General Biology).
- 7/85-12/85 Instructor of Zoology (part-time), John A. Logan College. Vertebrate Zoology
- 9/77-8/79 General Zoology Laboratory, University of Mississippi
- 1/74-6/74 General Biology Laboratory, Western State College of Colorado

IV. OTHER EXPERIENCE

Certified Assist. Instructor–Professional Assoc. of Diving Instructors (P.A.D.I. #A–10098)
Level II Certified Reef Fish Surveyer (REEF #41564)

V. PROFESSIONAL ASSOCIATIONS

American Fisheries Society
 Fish Culture Section
 Fish Management Section
Georgia Chapter of the American Fisheries Society
Phi Kappa Phi Honor Society
Sigma Xi – Scientific Research Society
Georgia Academy of Science
Association of Southeastern Biologists

VI. AWARDS AND OFFICES HELD

2013 - Department Chair, Department of Biology

2011 Dave and Lu Garrett Award for Meritorious Teaching, Berry College

2009-11 Associate Editor (Fisheries) Proceedings of the Southeast Association of Fish and Wildlife Agencies.

2008 - Chairman- Financial Audit Committee – GA-AFS

2006-12 Appointed to Commissioners Advisory on the Special Options Sales Tax (SPLOST), Floyd County, Georgia

2004-05 President - Georgia Chapter of the American Fisheries Society

2003-04 President-Elect: Georgia Chapter of the American Fisheries Society

2001-02 Board of Directors, Coosa River Basin Initiative

2000- Advisory Group on River Development, Rome and Floyd County, Georgia

2000-05 Appointed to Commissioners Advisory Group on Solid Waste Disposal, Floyd County, Georgia

1999-03 Secretary/Treasurer: Georgia Chapter of the American Fisheries Society

1984 Scholarship Award for Research from the Illinois B.A.S.S. Association

1978-79 President of the Graduate Students Association in the Department of Biology, University of Mississippi

1976-77 Fellowship Award for Research, University of Mississippi

VII. PRESENTATIONS

- 2016 “Effects of Kaolin Clay on Algae Growth” Clark, K, and B. Davlin. 16th Annual Symposium on Student Scholarship. April 2016. Berry College.
- 2015 “Fecundity of Alabama Shad from the Apalachicola River”. Grice, H., L. Patterson, C. Giangiacomo, and B. Davlin. Southern Division of the American Fisheries Society Meeting. Savannah, GA
- “Effects of Varying Concentrations of Kaolin Clay on *Flavobacterium columnare*”. Grice, H. and B. Davlin. 15th Annual Symposium on Student Scholarship. April 2015. Berry College.
- “Pelagic Ichthyoplankton of the Coosa River, GA”. Davlin, B. Coosa River Basin Initiative Annual River Paddle. Rome, GA
- 2014 “Fecundity of Alabama Shad (*Alosa alabamae*) from the Apalachicola and Flint Rivers”. Grice, H., L. Patterson, C. Giangiacomo, M. Bowen and B. Davlin. 14th Annual Symposium on Student Scholarship. April 2014. Berry College.
- 2013 “Evidence of striped bass spawning in the Chattahoochee River above West Point and Walter F. George Reservoirs, GA”. Bill Davlin, Warren Stiles, Reid Popple, and Rob Weller. GA-AFS Annual Meeting, Jekyll Island, GA
- “Evidence of striped bass spawning in the Chattahoochee River above West Point and Walter F. George Reservoirs, GA”. Bill Davlin, Warren Stiles, Reid Popple, and Rob Weller. **INVITED PAPER**. 30th Annual ACF Morone Species Workshop. Crawfordville, FL
- 2012 “Possible Presence of Ciguatoxin in Red Lionfish from the Cayman Islands”. Katherine Cabinallis, Ashley Holland, and Bill Davlin. GA-AFS Annual Meeting, Macon, GA
- “Ciguatoxic Lionfish from the Caribbean”, Katherine Cabinallis and Bill Davlin, Berry College Symposium on Student Scholarship
- “Identification of Striped Bass Spawning Sites in the Chattahoochee River above West Point and Walter George Reservoirs, GA.” Warren Stiles, Reid Popple, and Bill Davlin. Southern Fisheries Council Annual Conference. New Orleans, LA
- 2011 “Determining the Species Composition of Spotted Bass in two Georgia Reservoirs using Meristic Counts. Bradley Strickland, Bill Davlin, and Jim Hakala. , GA-AFS Annual Meeting, Perry, GA

- 2010 “Determination of Spotted Bass Species (*Micropterus punctulatus* and *M. henshalli*) in Allatoona Lake”. GA. Bradley Strickland and Bill Davin. Berry College Symposium on Student Scholarship
- “Feeding habits of Blueback Herring in Blue Ridge Reservoir, Georgia”. Ester Cho and Bill Davin. Berry College Symposium on Student Scholarship.
- 2009 “Striped Bass Egg Transport and Establishment in the ACT Drainage” Bill Davin **INVITED PAPER** . Gulf States AFC Annual Conference. Mobile, AL
- “Determining the Upper Thermal Tolerance of Juvenile Lake Sturgeon by two different Heating Regimes.” 63th Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies. Atlanta, GA
- 2007 “Dose and Recovery Response of Fishes Treated with AQUI-S; Treatment Implications for Hatchery-Based Handling and Transport” Bill Davin. Aquaculture 2007, San Antonio, TX
- 2006 “Early Development of Alabama Shad” Lauren Moss and Bill Davin, GA-AFS Annual Meeting, Gainesville, GA
- “Efficacy of Isoeugenol as an Anesthetic for Various Species of Fishes” Bill Davin and Sunny Ferrero. **INVITED PAPER** Aquaculture America, Las Vegas, NV
- 2005 “Innovative, Low-cost Techniques for Rearing Two Species of Larval Fishes in Intensive Culture” Laura Dobbins, Greg Muse, and Bill Davin. GA-AFS Annual Meeting, Ft. Gaines, GA
- “Early Life History and Development of the Silver Chub. Anna Rahn and Bill Davin. GA-AFS Annual Meeting, Ft. Gaines, GA
- “Experimental Methods in Hatching and Culturing Walleye and Silver Chub” Laura Dobbins and Bill Davin. 5th Annual Symposium on Student Scholarship. Berry College.
- “ The Silver Chub: A Study of the Early Life History and Development”. Anna Rahn and Bill Davin. 5th Annual Symposium on Student Scholarship. Berry College.
- 2004 “Spawning Activities of Two Species of Pelagophilic Fishes in the Upper Coosa River Basin, Georgia” Bill Davin, Anna Rahn, and Laura Dobbins. **INVITED PAPER**. 28th Larval Fish Conference. Clemson, SC
- “Movement of Striped Bass in the Upper Coosa River Basin” Dana Kraus, Jill Chamblee, and Bill Davin. GA-AFS Annual Meeting, Athens, GA

- 2002 “A Five-year Trend in Striped Bass Spawning in the Upper Coosa River Basin”
Miriam Galeas and Bill Davin. GA-AFS Annual Meeting, Augusta, GA
- “Zooplankton Biodiversity in Treated and Untreated Hybrid Striped Bass Ponds”
Whitney Garrison and Bill Davin. Georgia American Fisheries Society, Augusta,
Georgia.
- 2000 “The Use of Gellan Gum Balls as Striped Bass Egg Surrogate for Estimating Drift
Rates in Lotic Systems” Bill Davin. 130th Annual Meeting of the American
Fisheries Society, St. Louis, Missouri.
- “Current Spawning Activity of Striped Bass in the Upper Coosa River Basin,
Georgia” Bill Davin, Corey Babb, Christy Ethridge, and Sally Hileman. 17th
Annual Meeting of the Alabama Fisheries Association, Rogersville, Alabama.
- “Estimation of Striped Bass Egg Drift Patterns in the Lower Savannah River
using Gellan Gum Balls”. Bill Davin. American Fisheries Society, Southern
Division Mid-Year Meeting, Savannah, Georgia.
- 1999 “Evidence of Striped Bass Spawning in the Upper Coosa River Basin, Georgia.”
W. T. Davin, J. Hodges, and C. Hoffman. 53rd Annual Meeting of the
Southeastern Association of Fish and Wildlife Agencies, Greensboro, NC
- “Status of the Striped Bass Population in the Coosa River System.” W. T. Davin.
Rome-Floyd County River Development Committee, Rome, Georgia.
- “Pelagic Egg Drift Rates in Lotic Systems.” W. T. Davin and S. Bowers.
Georgia Chapter of the American Fisheries Society Annual Meeting, Tifton,
Georgia.
- “Increased Spawning Activity in the Upper ACT and the Effects on Stocking and
Possible Recruitment.” W. T. Davin and C. Babb. Georgia Chapter of the
American Fisheries Society Annual Meeting, Tifton, Georgia.
- 1998 “Striped Bass (*Morone saxatilis*) Spawning Activity and Egg Drift in the Upper
Mobile River Basin.” W. T. Davin, J. Hodges, S. Bowers, C. Hoffman, and J.
Serrero. 59th Annual Meeting of the Association of Southeastern Biologists,
Monroe, Louisiana. Presented by C. Hoffman.
- “Evidence of Striped Bass Spawning in the Upper Mobile Basin.” W. T. Davin.
Georgia Chapter of the American Fisheries Society and Southern Lake
Management Association, La Grange, Georgia.
- 1997 “Reduction of Stress in Stocked Gamefish.” W. T. Davin. Georgia Chapter of
the American Fisheries Society Annual Meeting, Helen, Georgia.

- 1995 "Pretreatment of Walleye to Reduce Hauling and Handling Stress." W. T. Davin, R. Sheehan, and P. Wills. Walleye Technical Meeting. North Central Region of the American Fisheries Society, Dubuque, Iowa.
- 1993 "Does Pretreatment with Anesthetics Reduce Stress in Stocked Game Fishes." W. T. Davin, R. Sheehan, P. Wills, and S. Shasteen. Illinois/Iowa Chapter Meeting of the American Fisheries Society, Bettendorf, Iowa."
- 1992 "Induced Stress in Hauled Game Fishes." W. T. Davin, R. Sheehan, and P. Wills. Illinois Chapter of the American Fisheries Society, Chicago, Illinois.
- "Stress and Stressors Associated with Hauling Musky." W. T. Davin. Coolwater Fish Culture Workshop, Carbondale, Illinois.
- 1991 "Use Patterns and Angler Pressure on Ten Southern Illinois Rivers and Streams." W. T. Davin, R. Sheehan, and K. Dallmier. 53rd Midwest Fish and Wildlife Conferences, Des Moines, Iowa.
- "Use Patterns and Angler Pressure on Ten Southern Illinois Rivers and Streams." W. T. Davin, R. Sheehan, K. Dallmier, and H. Weaver. Illinois Chapter of the American Fisheries Society, Urbana, Illinois.
- "Potentials for Crayfish Culture in Southern Illinois." W. T. Davin, P. Wills, and R. Sheehan. 2nd Annual Midwest Crayfish Symposium, Carbondale, Illinois.
- 1989 "Movement of Walleye in Three Illinois Reservoirs." R. Heidinger, B. Tetzlaff, W. T. Davin, and B. Woolard. 51st Midwest Fish and Wildlife Conference, Poster session, Springfield, Illinois.
- 1987 "Seasonal Movement of Walleye in a Central Illinois Reservoir." W. T. Davin, R. Heidinger, and B. Tetzlaff. 49th Midwest Fish and Wildlife Conference, Milwaukee, Wisconsin.
- "Use of Largemouth Bass as a Bioassay Organism for the Detection of Ciguatera Toxins." W. T. Davin and C. Kohler. Illinois Chapter of the American Fisheries Society, Marion, Illinois.
- 1985 "An Evaluation of Marking Juvenile Walleye with Nasal Tags." W. T. Davin, R. Heidinger, and B. Tetzlaff. Illinois Chapter of the American Fisheries Society. Edwardsville, Illinois.
- 1984 "Effects of Maitotoxin on Guinea Pig Ileum Contraction Partially Ameliorated by Calcium Channel Antagonists." D. Miller, W. T. Davin, and D. Tindall. First American Symposium on Animal, Plant and Microbial Toxins, Stillwater, Oklahoma. Presented by D. Miller.
- 1977 "The Geographical Distribution of Ciguatoxic Fish in the Eastern half of the British Virgin Islands." W. T. Davin, N. Doorenbos, and W. Longest. International Symposium on Food and Drugs from the Sea, Norman, Oklahoma.

VIII. PUBLICATIONS

Chapters in Books (Refereed)

- 1991 Sheehan, R. J., P. S. Wills, and W. T. Davin. Crayfish production: A promising enterprise for the Midwest. In *Proceedings of the North Central Aquaculture Conference*, ed. D. Garling. Pages 219–225. Kalamazoo, Michigan.
- 1978 Davin, W. T., N. J. Doorenbos, and W. Longest. The Geographical Distribution of Ciguatera Toxins in the Eastern Half of the British Virgin Islands. In *Food and Drugs from the Sea*, ed. P. Kaul and C. Sinderman. Pages 209-220. University of Oklahoma, Norman.

Journal Articles (Refereed)

- 2015 Grice, Hannah., Lauren Patterson, Celeste Giangiacomo, Morgan Bowen, and Bill Davin. Potential Spawning Strategy and Fecundity of Alabama Shad (*Alosa alabamae*) from the Apalachicola River, Florida. *Georgia Journal of Science*. 72(2): 94-102.
- 2013 Davin, B., W. Stiles and R. Popple. Evidence of Striped Bass Spawning in the Chattahoochee River Above West Point and Walter F. George Reservoirs, Georgia. *Georgia Journal of Science*. 71(2): 118-129
- 2004 Reinert, T.R., T.A. Will, C.A. Jennings, and W.T. Davin. Use of egg surrogates to estimate sampling efficiency of striped bass eggs in the Savannah River. *North American Journal of Fisheries Management*. North American Journal of Fisheries Management. 24:704-710
- 1999 Davin, W. T., J. Hodges, and C. Hoffman. Evidence of striped bass spawning in the Upper Coosa River Basin, Georgia. In *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies*, vol. 53. 170-179
- 1998 Davin, W. T., and S. Smith. The potential contribution of the Coosa River striped bass to the lower ACT Basin. In *Proceedings of the Gulf Striped Bass Restoration Workshop*.
- 1990 Cook, S. B., W. T. Davin, and R. C. Heidinger. Head Mold Design for Coded Wire Tagging of Selected Spiny-rayed Fingerling Fish. *American Fisheries Society Symposium* 7:281–285.
- 1988 Davin, W. T., C. Kohler, and D. Tindall. Ciguatera Toxins Adversely Affect Piscivorous Fishes. *Transactions of the American Fisheries Society* 117(4): 374–384.
- 1986 Davin, W. T., C. Kohler, and D. Tindall. Effects of Ciguatera Toxins on the Bluehead Wrasse. *Transactions of the American Fisheries Society* 115(6):908–912.

IX. GOVERNMENT PUBLICATIONS AND TECHNICAL REPORTS

- 2012 Davin, W.T., W. Stiles, and R. Popple. Identification of Striped Bass Spawning Sites in the Chattahoochee River above West Point and Walter George Reservoirs, GA. Final Report. US Fish and Wildlife Service, Southern District and Georgia Department of Nature Resources. 18 pp.
- Davin, W.T., K. Cabinallis, and A. Holland. Possible Presence of Ciguatoxin in Red Lionfish from the Cayman Islands. Final Report. Department of the Environment. Cayman Islands. BWI. 8 pp
- 2005 Ferrero, S. and W. T. Davin. Efficacy of Isoeugenol as an anesthetic for various species of fishes. US Fish and Wildlife Service. Aquatic Animal Drug Approval Partnership Program. Bozeman, MT. 28 pp.
- 1999 Davin, W.T., C. Ethridge, C. Babb, and S. Heilman. Estimation of striped bass egg drift rate in the Lower Savannah River. Final Report to the US Army Corps of Engineers, Savannah District. 73 pp.
- 1995 Davin, W. T., R. J. Sheehan, and P. S. Wills. The Culture Potential of Three Species of Crayfish in the Midwest. Final Report. North Central Aquaculture Committee. 172 pp.
- 1993 Davin, W. T., R. J. Sheehan, P. S. Wills, S. Shasteen, L. Allen, and G. Conover. Induced Stress in Stocked Game Fish. D-J Federal Aid Project F-106-R. U. S. Fish and Wildlife Reference Service. Bethesda, MD. MIN No. 129540060. 254 pp.
- 1991 Sheehan, R. J., W. T. Davin, and P. S. Wills. Induced Stress in Stocked Game Fish. D-J Federal Aid Project F-106-R-2. Annual Report. 121 pp.
- Davin, W. T., R. J. Sheehan, G. King, H. Weaver, K. Dallmier, and W. Smith. Southern Illinois Streams Access Use Survey. D-J Federal Aid Project F-90-R-3. Annual Report. 269 pp.
- 1990 Sheehan, R. J., W. T. Davin, and P. S. Wills. Induced Stress in Stocked Game Fish. D-J Federal Aid Project F-106-R-1. Annual Report. 64 pp.
- Davin, W. T., R. J. Sheehan, G. King, H. Weaver, K. Dallmier, and W. Smith. Southern Illinois Streams Access Use Survey. D-J Federal Aid Project F-90-R-2. Annual Report. 228 pp.
- 1989 Davin, W. T., R. J. Sheehan, G. King, J. Sternburg, H. Weaver, and S. Chubb. Southern Illinois Streams Access Use Survey. D-J Federal Aid Project F-90-R-1. Annual Report. 179 pp.

Davin, W. T., R. C. Heidinger, R. J. Sheehan, C. C. Kohler, and B. L. Tetzlaff. Supplemental Stocking and Spillway Escapement Literature Review and Synopsis. D-J Federal Aid Project F-77-R. U. S. Fish and Wildlife Reference Service. Bethesda, MD. MIN No. 129140033. 548 pp.

Heidinger, R. C., B. L. Tetzlaff, W. T. Davin, T. Werenski, B. Woolard. Movement of Walleye in Illinois Reservoirs. Federal Aid Project F-56-R. U. S. Fish and Wildlife Reference Service. Bethesda, MD. MIN No. 129040226. 289 pp.

1988 Davin, W. T., R. C. Heidinger, R. J. Sheehan, C. C. Kohler, and B. L. Tetzlaff. Supplemental Stocking and Spillway Escapement Literature Review and Synopsis. D-J Federal Aid Project F-77-R-2. Annual Report. 123 pp.

Davin, W. T., R. C. Heidinger, R. J. Sheehan, C. C. Kohler, and B. L. Tetzlaff. An Indexed Bibliography on Stocking and Spillway Escapement on Selected Sportfishes. Report to Illinois Department of Conservation. 100 pp.

1987 Heidinger, R. C., B. L. Tetzlaff, and W. T. Davin. Movement of Walleye in Illinois Reservoirs. Report to the Illinois Department of Conservation. 100 pp.

1985 Heidinger, R. C., and W. T. Davin. An Evaluation of Marking Juvenile Walleye (*Stizostedion vitreum vitreum*) with Nasal Tags. Walleye Tagging Study. Performance report to Commonwealth Edison. 15 pp.

1981 Lewis, W. M., R. C. Heidinger, B. L. Tetzlaff, J. Stoeckel, T. Werenski, L. Bodensteiner, J. Isely, and W. Davin. Illinois Striped Bass Project. Illinois Department of Conservation and Southern Illinois University Federal Aid Project F-26-R-5. Annual Performance Report. 103 pp.

1980 Lewis, W. M., R. C. Heidinger, B. L. Tetzlaff, K. Kurzawski, J. Stoeckel, and W. Davin. Illinois Striped Bass Project. Illinois Department of Conservation and Southern Illinois University Federal Aid Project F-26-R-4. Annual Performance Report. 99 pp.

X. CHAPTER REVIEWS

2003 Comparative review of chapter 14 in Boykin and Keller, *Environmental Science 4/e*. John Wiley and Sons, Inc., New York, NY and chapter 13 in Cunningham, Cunningham, and Saigo, *Environmental Science-A Global Concern, 7/e*. McGraw Hill, Inc, New York, NY

2001 Reviewed Chapters 14 and Chapter 23 in Boykin and Keller, *Environmental Science 4/e*. John Wiley and Sons, Inc., New York, NY

1999 Reviewed Chapter 15 "Water Management," in Enger and Smith, *Environmental Science; A Study of Inter-relationships*. W.C. Brown, Dubuque, Iowa.

XI. PUBLISHED ABSTRACTS

- 2007 Davin, B., S. Ferrero, and L. Moss: "Dose and Recovery Response of Fishes Treated with AQUI-S; Treatment Implications for Hatchery-Based Handling and Transport" *World Aquaculture Society, Aquaculture 2007*. AQ2007: 230
- 1999 Hileman, S. and B. Davin. Annual changes in the spawning activity of striped bass (*Morone saxatilis*) in the Upper Coosa River System, GA. *Association of Southeastern Biologists Bulletin* 47(2):104
- 1998 Davin, W. T., J. Hodges, S. Bowers, C. Hoffman, and J. Serrero. Striped bass (*Morone saxatilis*) spawning activity and egg drift in the Upper Mobile River Basin. *Association of Southeastern Biologists Bulletin* 45(2):110.
- 1991 Davin, W. T., R. Sheehan, and K. Dallmier. Use patterns and angler pressure on ten southern Illinois rivers and streams. *53rd Midwest Fish and Wildlife Conference* 53:91.
- 1987 Davin, W. T., R. C. Heidinger, and B. L. Tetzlaff. Seasonal movements of walleye in a central Illinois reservoir. *49th Midwest Fish and Wildlife Conference* 49:221-222.
- 1986 Miller, D., D. Tindall, W. Davin, and E. Regalis. Assay of ciguateric fish-extracts utilizing the guinea pig ileum-preparation. *American Physiological Society*.
- 1985 Miller, D., W. Davin, and D. Tindall. Effects of maitotoxin on guinea-pig ileum contractions partially ameliorated by calcium-channel antagonists. *Toxicon* 23(1):34

XII. GRANTS FUNDED

- 2014 "Uses of Kaolin Clay in Aquaculture". KaMinn LLC (**External Equipment Grant**)
- 2013 "Uses of Kaolin Clay as a Therapeutant in Aquaculture. Faculty Development Grant. Berry College
- 2012 "Identification of Striped Bass Spawning Sites in the Chattahoochee River above West Point and Walter George Reservoirs, GA". US Fish and Wildlife Service, Southern District and Georgia Department of Nature Resources. (**External**)
- "Assessment of Ciguatoxin in Lionfish from Honduras" Development of Undergraduates through Research Grant. MNS, Berry College
- "The Presence of Intersex in Largemouth Bass from the Coosa River" Faculty Development Grant, Research Project, Berry College.
- 2011 "Assessment of Ciguatoxin in Caribbean Lionfish." Faculty Development Grant, Research Project, Berry College.

- 2010 International Travel Grant. Berry College to do a Site Visit at the University of Prince Edwards Island.
- 2009 International Travel Grant. Berry College. Course Development. Roatan Honduras
- 2008 Special Events Recycle Bin Grant. National Recycling Coalition
- 2007 Travel Grant to attend World Aquaculture Meeting, San Antonio, TX
- 2006 Travel Grant to attend World Aquaculture Meeting, Las Vega, NV
- 2004 Teaching Enhancement Grant. Berry College
- 2003 “Movement of Striped Bass in the Upper Coosa River Basin.” Faculty Development Grant, Research Project, Berry College.
- “Habitat usage and movement patterns of Striped Bass (*Morone saxatilis*) in the Upper Coosa River Basin.” Laura Maddox Smith Summer Research Program in Environmental Sciences.
- 2002 “SMARTer Kids Grant for NEC Visual Presentation Products.” SMARTer Kids Foundation. **(External)**
- 2001 “Characterization of Striped Bass (*Morone saxatilis*) Spawning in the Upper Coosa River Basin.” Faculty Development Grant, Research Project, Berry College.
- Diseases of Coral Reefs and other Reef Organisms, Summerland Key, FL. Faculty Development Grant, Berry College
- “Plankton Modifications in Hatchery-Rearing Ponds to Enhance Striped Bass Fry Survival. William Davin and Whitney Garrison. School of Mathematical and Natural Science Research Grant, Berry College.
- 2000 Striped Bass Spawning Activity in the Coosa River Basin.” School of Mathematical and Natural Science Research Grant, Berry College.
- “Characterization of the Physical Parameters in the Oostanaula River that Support Striped Bass.” Faculty Development Grant, Research Project, Berry College.
- 1999 “Estimation of Striped Bass (*Morone saxatilis*) Egg Drift Rate in the Lower Savannah River.” U.S. Army Corps of Engineers. **(External)**
- “Characterization of Striped Bass (*Morone saxatilis*) Spawning in the Upper Coosa River Basin.” Laura Maddox Smith Summer Research Program in Environmental Sciences.

- “Ciguatera Project, Hofstra Marine Lab, St. Ann’s Bay, Jamaica.” International Research Travel Grant, Berry College.
- “Striped Bass Spawning Activity in the Coosa River Basin.” School of Mathematical and Natural Science Research Grant, Berry College.
- “Pelagic Egg Drift in Lotic Systems.” Georgia AFS meeting. Faculty Development Grant, Travel, Berry College.
- 1998 “Drift Rates of Striped Bass Ichthyoplankton in the Coosa River.” School of Mathematical and Natural Science Research Grant, Berry College.
- “Characterization of the Physical Parameters in the Oostanaula River that Support Striped Bass.” Faculty Development Grant, Research Project, Berry College.
- 1997 “Striped bass spawning activities in the Coosa River Basin.” Faculty Development Grant, Research Project, Berry College.
- “Evidence of striped bass spawning in the Upper Mobile Basin” Georgia AFS meeting. Faculty Development Grant, Travel, Berry College.
- 1996 “Reproductive activities of striped bass in the Coosa River” School of Mathematical and Natural Science, Berry College.
- 1995 “Survey of the Fishes of Berry Campus.” Faculty Development Grant, Research Project, Berry College.
- 1994 “Research Equipment.” Faculty Development Grant, Berry College.
- “Energy-Related Used Equipment Grant.” W. T. Davin. U.S. Department of Energy.
- 1992 "Economic Potential of Surface-mined Land for Aquaculture versus Traditional Agriculture." R. C. Heidinger and W. T. Davin. National Mine Land Reclamation Center - Midwestern Region, Seed Grant.
- 1990 "Reduction of Stress in Stocked Fish by Pretreatment." R. J. Sheehan and W. T. Davin. D-J Federal Aid Project F-106-3.
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