**Michael Douglas Kaller**

**George William Barineau Jr. Full Professor,** School of Renewable Natural Resources

**Adjunct Professor**, Departments of Experimental Statistics and Entomology

Louisiana State University Agricultural Center

Louisiana State University

105 Renewable Natural Resources

Baton Rouge, LA 70803

(225)578-0012 (W) (225)578-4144 (Fax)

*mkalle1@lsu.edu*

*<https://www.lsu.edu/rnr/people/profiles/kaller.php>*

**SUMMARY OF ACCOMPLISHMENTS**

|  |  |
| --- | --- |
| **Peer-reviewed journal articles published or in-press:** | **70** |
| **Edited book chapters published or in-press:** | **7** |
| **Popular articles and proceedings papers:** | **19** |
| **Refereed scientific abstracts:** | **6** |
| **Meetings or symposia organized:** | **9** |
| **Presentations, including invited, at professional conferences or symposia:** | **155 (as faculty)** **166 (total)** |
| **Total value of funded grants and contracts:** | **$8,312,179 (total)****$4,401,375** **(Kaller portion)** |
| **Number of successful grants and contracts:** | **48** |
| **Number of unsuccessful grants and contracts:** | **14** |
| **Number of M.S. students directed:** | **13** |
| **Number of Ph.D. students directed:** | **5** |
| **Number of M.S. committees served:** | **59** |
| **Number of Ph.D. committees served:** | **23** |
| **Number of National Award winners (Udall, Goldwater) mentored:** | **4** |
| **Number of Honors College theses directed:** | **12** |
| **Number of Honors College thesis committees served:** | **6** |
| **Number of other undergraduate research internships directed:** | **5** |
| **Number of Distinguished Communicators directed:** | **5** |
| **Number of lecture sections taught:** | **31** |
| **Number of lecture and laboratory sections taught:**  | **36** |
| **Number of seminar sections taught:** | **24** |
| **Number of independent study/ clinical/internship sections supervised** | **87** |
| **Number of study abroad programs administered:** | **3** |
| **Number of students in lecture only sections:** | **1028** |
| **Number of students in lecture with laboratory sections:** | **783** |
| **Number of students in seminar sections:** | **289** |
| **Number of students in independent study/clinical/internship sections:** | **355** |
| **Number of students in study abroad programs:** | **30** |

**PROFESSIONAL EXPERIENCE**

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| **Louisiana State University Agricultural Center****George William Barineau Jr. Professor,** Agriculture | *Nov. 2018 - present* |
| **Full Professor,** Renewable Natural Resources | *July 2020 - present* |
| **Adjunct Professor,** Entomology | *July 2017 - present* |
| **Adjunct Professor,** Experimental Statistics | *Jan. 2015 - present* |
| **Undergraduate Coordinator,** Renewable Natural Resources | *Jan. 2011 - present* |
| **Associate Professor,** Renewable Natural Resources | *July 2013 - June 2020* |
| **Associate Rector,** Agriculture Residence College | *Jan. 2012 - May 2019* |
| **Research Assistant Professor,** Renewable Natural Resources | *July 2007 - June 2013* |

Principal investigator for projects involving stream macroinvertebrates and fishes; floodplain macroinvertebrates, fishes and restoration; Atchafalaya River basin fishes and water quality; feral hogs; American Alligator survival modeling; Largemouth Bass; Florida Bass; tilapia; and Gulf Sturgeon*.* To date, these projects have involved grants totaling $8.3 million and produced 74 peer-reviewed publications in print or in press. Service includes graduate committee chair (18) and member (81), and statistical consultation for data analysis and experimental design of freshwater mussel, aquatic plant, neotropical migrant bird, riparian bird, waterfowl, and pest insect studies. Teaching includes coordinating the B.S. in Natural Resource Ecology and Management, eight undergraduate courses, and three graduate courses.

**Director, SRNR –** D. Allen Rutherford  **Phone:** (225)578-4187

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| **Louisiana State University Agricultural Center** |  |
| **Post-Doctoral Researcher,** Renewable Natural Resources | *May 2005 - June 2007* |

Conducted research on relationships among land use, stream order, and macroinvertebrate drift in Hawaiian streams. Conducted experiments to quantify rates of leaf shredding in Louisiana streams. Assisted with sample collection for a state-wide study of fish communities in varying levels of dissolved oxygen. Statistical consultation for data analysis and experimental design of freshwater mussel, aquatic plant, neotropical migrant bird, and pest insect studies. Analyzed 20 years of genetic identification and stocking data to track the spread of Florida strain largemouth bass and identify characteristics of successful stocking sites. Research generated 3 peer-reviewed publications to date.

**Supervisor**: D. Allen Rutherford **Phone:** (225)578-4187

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| **Louisiana State University**  |  |
| **Graduate Research Assistant,** Renewable Natural Resources | *May 2001 - May 2005* |
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Collected and identified macroinvertebrates to describe community structuring influences.

Collected, cultured, and identified microbial samples from southwestern Louisiana streams.

Quantified influences of feral swine on stream water quality. Identified and assembled macroinvertebrate reference collection for benthic and epiphytic macroinvertebrates from the Atchafalaya River basin. Electrofished and light trapped larval and juvenile Largemouth Bass (*Micropterus salmoides*) and Spotted Bass (*Micropterus punctulatus*) for population studies in the Atchafalaya River basin. Research generated 6 peer-reviewed publications.

**Supervisor:** William E. Kelso, Ph.D. **Phone:** (225)578-4176

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| **West Virginia University**  |  |
| **Research Aide,** Division of Forestry | *March 2001- May 2001* |
| **Graduate Research/Teaching Assistant,** Division of Forestry | *Aug.1998 - Dec.2000* |
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Identified macroinvertebrate samples from ongoing projects monitoring the impacts of large woody debris additions to headwater, Brook Trout (*Salvelinus fontinalis*) spawning streams.

Conducted field and lab macroinvertebrate research pertinent to thesis. Backpack electroshocking headwater streams and small rivers sampling Brook Trout, Rainbow Trout (*Onchorynchus mykiss*), Brown Trout (*Salmo trutta*), and Spotted Bass (*Micropterus punctulatus*). Collected fish (Cyprinidae and Ictaluridae) for contaminant analysis. Water quality analyses with YSI, Hydrolab, and HACH equipment. Research generated 3 peer-reviewed publications.

**Supervisor:** Kyle J. Hartman, Ph.D. **Phone:** (304)293-4797

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| **Wyoming Game and Fish Department** |  |
| **Biologist Technician** | *May 1998 – Aug.t 1998* |
| **Biologist Technician** | *May 1997- Oct. 1997* |

Creel clerk for salmonid fisheries evaluations of the finger lakes (Boulder, Willow, and New Fork Lakes). Creel clerk for salmonid fisheries evaluations of the upper Green River. Backpack and raft electrofishing crew member for salmonid population studies Dye studies on the spread of antimycin for Golden Trout conservation. Gill netting for alpine lake Brook Trout and Lake Trout population studies. Purse seining Kokanee Salmon survey of Boulder Lake.

**Supervisor:** David Belford (retired) **Phone:** (307)367-4352

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| **Lake Superior State University**  |  |
| **Student Worker,** Aquatic Research Laboratory | *May 1996-August 1996* |

Hatchery culture, including chemical disease treatment, of Atlantic salmon (*Salmo salar*), Chinook salmon (*Oncorhynchus tshawytscha*), and rainbow trout (*Oncorhynchus mykiss*) from egg collection to stocking. Sea lamprey (*Petromyzon marinus*) population assessment and sex determination for USFWS. Scale and dorsal spine aging of walleye (*Sander vitreus*).

**Supervisor:** Roger Greil (retired) **Phone:** (906)635-1949

**EDUCATION**

|  |  |
| --- | --- |
| **Ph.D.** Wildlife and Fisheries Science  | *May 2001 – May 2005* |

**Minor:** Applied Statistics

**Louisiana State University**

School of Renewable Natural Resources

Dissertation title: The macroinvertebrate community ecology of lowland, subtropical streams in Louisiana.

**Major professor:** William E. Kelso **Minor professor:** James P. Geaghan

Ben and Pauline Stanley Award for Outstanding Doctoral Student (2005)

**Overall G.P.A.:** 3.87

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| **M.S.** Wildlife and Fisheries Resources | *Aug. 1998 – May 2001* |

**West Virginia University**

Division of Forestry

**Thesis title:** Effects of sedimentation upon benthic macroinvertebrates in forested northern Appalachian streams.

**Major professor**: Kyle J. Hartman

**Overall G.P.A.**: 3.95

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| **B.S.** Fisheries and Wildlife Management, **Cum laude**  | *August 1993 - May 1997* |

**Minor**: Chemistry

**Lake Superior State University**

Department of Biology

**Senior thesis**: Validation of aging techniques for walleyes (*Sander vitreus*) from Munuscong Bay, MI.

**Overall G.P.A**.: 3.54

## FUNDED RESEARCH PROPOSALS

Student investigator

**(48)** Hopper, G.W., **M.D. Kaller**, and W.E. Kelso. 2025-2027. Assessing habitat connectivity in the Bayou Pierre watershed with emphasis on freshwater mussel assemblage structure. (Louisiana Department of Wildlife and Fisheries - $137,654, Co-PI - $68,827)

**(47) Kaller, M.D.,** M. Polito, and K. Piller. 2024. Diets and detectability of invasive carp: Expanded coverage (Louisiana Department of Wildlife and Fisheries - $184,159, PI - $124,456)

**(46)** **Kaller, M.D.,** M. Polito, and K. Piller. 2023. Diets and detectability of invasive carp. (Louisiana Department of Wildlife and Fisheries - $116,961, PI - $53,025)

**(45) Kaller, M.D**. and R. Diaz. 2022-2027. National horizon scan of terrestrial and aquatic invertebrates in the Organisms in Trade pathway (U.S. Geological Survey, $380,000, PI, $190,000)

**(44)** Kelso, W.E. and **M.D. Kaller**. 2022. Effects of water management activities on water quality, habitat, and fish assemblage in the Buffalo Cove Water Management Unit in the Atchafalaya River Basin (U.S. Army Corps of Engineers - $285,835, Co-PI $142,917)

**(43) Kaller, M.D.** and W.E. Kelso. 2021-2023. Assessing dietary overlap and impacts to fish condition between Silver Carp and Bigmouth Buffalo across a gradient of Silver Carp densities. (Louisiana Department of Wildlife and Fisheries - $144,817, PI - $72,408)

**(42) Kaller, M.D.** and W.E. Kelso. 2021-2024. Relationships of Largemouth Bass genetics to current and historic size distributions, relative weight, age and growth, and research initiatives. (Louisiana Department of Wildlife and Fisheries - $120,000, PI - $60,000)

**(41) Kaller, M.D.,** A.M. Long, and L.P. Laborde, Jr. 2021-2022. Developing and administering a survey to investigate attitudes and norms regarding whooping cranes among Louisiana residents. (International Crane Foundation - $30,000, PI -$30,000)

**(40)** Kelso, W.E., S.S. Taylor, and **M.D. Kaller**. 2021-2024. Genetic composition of Louisiana’s Largemouth Bass stocks. (Louisiana Department of Wildlife and Fisheries - $180,000, Co-PI - $90,000)

**(39)** Kelso, W.E. and **M.D. Kaller**. 2019-2023. Juvenile Gulf Sturgeon in the Pearl River: Stock dynamics and habitat use. (U.S. Fish and Wildlife Service - $141,465, Co-PI - $70,732)

**(38)** Laborde Jr., L., and **M.D. Kaller**. 2019-2021. 2020 survey of Louisiana waterfowl hunters and analysis of the 2016-2019 Louisiana game hunter survey (Louisiana Department of Wildlife and Fisheries $100,000, Co-PI - $50,000)

**(37)** Kelso, W.E., S.S. Taylor, and **M.D. Kaller**. 2019-2021. Genetic composition of Louisiana’s Largemouth Bass stocks. (Louisiana Department of Wildlife and Fisheries - $315,708, Co-PI - $157,854)

**(36)** **Kaller, M.D.** and K.S. Kahil. 2019. Crayfish response to invasive species in a managed bottomland forest habitat. (A. Wilbert Son’s Internships in Agriculture and Natural Resource Management - $7,925, PI)

**(35)** **Kaller, M.D.** and M.D. Holton. 2019. Life history of *Noturus nocturnus*, *Noturus leptacanthus* and *Noturus funebris* in Southeast Louisiana. LSU College of Agriculture Undergraduate Research Grant -$4,000, PI)

**(34)** King, S.L., **M.D. Kaller**, R.F. Keim, and W.E. Kelso. 2018-2022. Assessing hydrologic and biotic potential for conservation of Louisiana Pearlshell Mussels in small streams. (U.S. Fish and Wildlife Service - $37,000, Co-PI - $37,000)

**(33)** Midway, S.R. and **M.D. Kaller**. 2018-2019. Novel detection method for the imperiled Frecklebelly Madtom in the Pearl River basin. (State Wildlife Grant Program – Louisiana Department of Wildlife and Fisheries - $13,888, Co-PI-$6,944)

**(32)** **Kaller, M.D**., C.C. Green, and W.E. Kelso. 2018-2019.Population status and distribution of Bluenose Shiner (*Pteronotropis welaka*), Flagfin Shiner (*Pteronotropis signipinnis*), Ponchartrain Painted Crayfish (*Orconectes hobbsi*), Pearl Blackwater Crayfish (*Procambarus penni*), Ribbon Crayfish (*Procambarus bivittatus*), Plain Brown Crayfish (*Procambarus shermani*), Flatnose Crayfish (*Procambarus planirostris*), and Flatwoods Digger (*Fallicambarus orkytes*) in the Pearl River basin (State Wildlife Grant Program – Louisiana Department of Wildlife and Fisheries - $23,252, PI - $11,626)

**(31)** Kelso, W.E. and **M.D. Kaller.** 2017-2022. Pre- and Post-Project monitoring of water quality, habitat, and fish communities in the Henderson Lake and Buffalo Cover Management Unit of the Atchafalaya River Basin. (U.S. Army Corps of Engineers - $1,280,000, Co-PI $630,000)

**(30)** **Kaller, M.D.** 2016-2021. Evaluation of aquatic resources on the Kisatchie National Forest (US Forest Service - $12,000, PI)

**(29)** **Kaller, M.D.,** E.A. Achberger, and B.A. Collier. 2015-2016. Detection of feral hog impacts to water quality and wildlife. (Louisiana Department of Wildlife and Fisheries. -$59,130, PI - $59,130)

**(28)** Laborde, Jr., L.P. and **M.D. Kaller**. 2015-2016. 2015 Survey of Louisiana waterfowl hunters. Louisiana Department of Wildlife and Fisheries - $85,000, Co-PI $0)

**(27)** Kelso, W.E. and **M.D. Kaller**. 2015-2018. Stock identification of Louisiana’s Largemouth Bass fisheries (Louisiana Department of Wildlife and Fisheries - $192,000, Co-PI $96,000)

**(26)** Kelso, W.E. and **M.D. Kaller**. 2014-2016. Characterization of microhabitat associations of fish assemblages in the Pearl and Bogue Chitto rivers. (U.S. Fish and Wildlife Service - $233,678, Co-PI $116,839)

**(25)** **Kaller, M.D.** and W.E. Kelso. 2014-2017. Estimating farm-release alligator survival. (Louisiana Department of Wildlife and Fisheries - $135,000, PI - $67,500)

**(24)** **Kaller, M.D.** and W.E. Kelso. 2014-2015. Feral hog impacts to Kisatchie National Forest stream water quality (USDA Forest Service - $7,500, PI - $3,750)

**(23)** **Kaller, M.D.** 2014-2015. Establishment of a fish and invertebrate relationships with water quality database (Louisiana Department of Environmental Quality- $43,464, PI)

**(22)** **Kaller, M.D.** 2014. Analyses of sediment invertebrate samples with emphasis on Gulf Sturgeon prey. (BEM Systems, Inc./ Coastal Protection and Restoration Agency - $4,800, PI)

**(21)** **Kaller, M.D.** and W.E. Kelso. 2013-2014. Urban lake sampling for aquatic invasive species in two Louisiana cities. (U.S. Fish and Wildlife Service/Louisiana Department of Wildlife and Fisheries - $24,284, PI - $12,142).

**(20)** **Kaller, M.D.** and W.E. Kelso. 2013-2015. A survey of crayfishes, aquatic insects, and benthic fishes of concern inhabiting the Sabine, Red, and Calcasieu River systems in Louisiana. (State Wildlife Grant Program - Louisiana Department of Wildlife and Fisheries - $99,998, PI - $49,999)

**(19)** **Kaller, M.D.** and W.E. Kelso. 2012-2015. Water quality and bathymetric assessment of selected water quality/water management projects in the Atchafalaya River Basin. (Louisiana Department of Natural Resources - $99,898, PI - $49,949)

**(18)** Kelso, W.E. and **M.D. Kaller.** 2012-2017. Pre- and Post-Project monitoring of water quality, habitat, and fish communities in the Henderson Lake and Buffalo Cover Management Unit of the Atchafalaya River Basin. (U.S. Army Corps of Engineers - $1,700,000, Co-PI $850,000)

**(17)** Kelso, W.E. and **M.D. Kaller**. 2011-2014. Stock Identification of Louisiana’s Largemouth Bass Fisheries (Louisiana Department of Wildlife and Fisheries - $180,000, Co-PI $90,000)

**(16)** **Kaller, M.D.** and W.E. Kelso. 2011-2012. A survey of the prevalence of catch-and-release angling among Louisiana freshwater anglers. (Louisiana Department of Wildlife and Fisheries - $35,357, PI $17,678)

**(15)** **Kaller, M.D**. and W.E. Kelso. 2010-2012. Fisheries assessment and bathymetric investigation of selected Water Management Units and Sub-Units in the Atchafalaya Basin (Louisiana Department of Natural Resources - $349,108, PI $174,554)

**(14) Kaller, M.D.**  and W.E. Kelso. 2010-2012. Fisheries monitoring of the Mollicy Farms Tract in the Upper Ouachita River National Wildlife Refuge – Years 2 and 3 (The Nature Conservancy -$197,228, PI $98,614)

**(13)** **Kaller, M.D.** 2010-2011**.** 2012 Master Plan Revision: Modeling Tools to Predict Effects of Coastal Protection and Restoration Projects. Upper Trophic Level Module, Largemouth Bass. (Louisiana Office of Coastal Protection and Restoration - $35,801, PI).

**(12)** Kelso, W.E. and **M.D. Kaller**. 2010-2011. Pre- and Post-Project monitoring of water quality, habitat, and fish communities in the Buffalo Cove, Henderson Lake, and Greater East Grand Lake Management Units of the Atchafalaya River Basin (JESCO Environmental/U.S. Army Corps of Engineers - $296,472, Co-PI $148,236)

**(11)** **Kaller, M.D.** 2009-2010. Fisheries assessment and bathymetric investigation of selected Water Management Units and Sub-Units in the Atchafalaya Basin. (Louisiana Department of Natural Resources - $101,979, PI)

**(10)** **Kaller, M.D.** 2010. Analysis of 2009 Louisiana Department of Agriculture and Forestry Best Management Practices implementation survey (Louisiana Department of Agriculture and Forestry - $6,000, PI)

**(9)** Green, C.G, **M.D. Kaller**, and W.E. Kelso. 2009. Salinity and thermal tolerances of a potentially naturalized population of Tilapia (*Oreochromis sp.)* from Port Sulphur, Louisiana. (Louisiana Department of Wildlife and Fisheries - $13,272, Co-PI $0)

**(8)** Kelso, W.E. and **M.D. Kaller**. 2009-2010. Pre- and Post-Project Monitoring of water quality, habitat, and fish communities in the Buffalo Cove, Henderson Lake, and Greater East Grand Lake Management Units of the Atchafalaya River Basin (JESCO Environmental/U.S. Army Corps of Engineers - $296,472, Co-PI $148,236)

**(7)** **Kaller, M.D.,** W.E. Kelso, and D.A. Pollet. 2009-2010. Fisheries monitoring of the Mollicy Farms Tract in the Upper Ouachita River National Wildlife Refuge – Year 1. (The Nature Conservancy - $98,614, PI $49,307)

**(6)** Kelso, W.E. and **M.D. Kaller**. 2009-2012. Stock identification of Louisiana’s largemouth bass fishery (Louisiana Department of Wildlife and Fisheries- $180,000, Co-PI $90,000)

**(5)** Kelso, W.E. and **M.D. Kaller**. 2008. Evaluation of the effects of dredging on water quality, flow velocity, and macrophyte abundance in the Bayou Postillion drainage area. (Louisiana Department of Natural Resources - $5,000, Co-PI $2,500)

**(4)** Kelso, W.E., **M.D. Kaller,** R.A. Harlan, and D.A. Rutherford. 2008-2010. A survey of fishes and mussels inhabiting the Calcasieu, Mermentau, Vermillion, and Lower Sabine River systems in Louisiana (State Wildlife Grant Program - Louisiana Department of Wildlife and Fisheries - $191,152, Co-PI $95,576).

**(2)** **Kaller, M.D.** 2008-2009. Development of biological indicators and identification of reference condition in Louisiana water bodies using existing data (United States Environmental Protection Agency/United States Geological Survey - $100,000)

**(2)** Kelso, W.E. and **M.D. Kaller**. 2008-2009. Stock identification of Louisiana’s largemouth bass fishery (Louisiana Department of Wildlife and Fisheries- $60,000, Co-PI $30,000)

**(1)** Rutherford, D.A. and **M.D. Kaller**. 2007-2008. Food habits of Gulf Sturgeon (*Acipenser oxyrinchus desotoi*) in Louisiana (United States Fish and Wildlife Service - $13,210, Co-PI $13,210)

## PEER-REVIEWED JOURNAL ARTICLES

|  |  |
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| **Number of Peer-Reviewed Journal Articles Published/Accepted** | 70 |
| **Number of Citations** | 1813 |
| **Citations per Year** | 75.5 |
| **Citations per Journal Article:** | 25.9 |
| **h-index** | 19 |

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| --- | --- | --- | --- |
| **Journal** | **Impact Factor1** | **Number of Papers** | **Total Citations** |
| Water Resources Research | 6.16 | 1 | 7 |
| Aquatic Toxicology | 4.96 | 1 | 5 |
| Biological Conservation | 4.66 | 1 | 40 |
| Environmental Toxicology and Chemistry | 3.72 | 1 | 48 |
| Forest Ecology and Management | 3.56 | 1 | 22 |
| Phytopathology | 2.97 | 2 | 97 |
| Agriculture | 2.92 | 1 | 5 |
| Journal of Experimental Biology | 2.80 | 1 | 3 |
| Applied Sciences | 2.84 | 1 | 8 |
| River Research and Applications | 2.80 | 1 | 24 |
| Journal of Medical Entomology | 2.44 | 1 | 9 |
| Fisheries Research | 2.40 | 1 | 4 |
| Hydrobiologia | 2.39 | 10 | 526 |
| Estuaries and Coasts | 2.39 | 1 | 9 |
| PeerJ | 2.38 | 1 | 359 |
| Aquatic Ecology | 2.29 | 1 | 67 |
| The Condor: Ornithological Applications | 2.14 | 1 | 12 |
| Human Wildlife Interactions | 2.12 | 1 | 56 |
| Transactions of the American Fisheries Society | 2.09 | 2 | 20 |
| Journal of Wildlife Management | 2.06 | 1 | 13 |
| Wetlands | 2.00 | 4 | 28 |
| Biocontrol Science and Technology | 1.92 | 2 | 3 |
| Fisheries Management and Ecology | 1.89 | 2 | 18 |
| Polar Biology | 1.71 | 1 | 10 |
| Journal of Freshwater Ecology | 1.66 | 3 | 25 |
| Journal of Field Ornithology | 1.55 | 1 | 9 |
| North American Journal of Fisheries Management | 1.42 | 2 | 27 |
| Marine and Freshwater Research | 1.49 | 1 | 2 |
| Fundamental and Applied Limnology | 1.31 | 2 | 10 |
| Open Journal of Ecology | 1.25 | 1 | 7 |
| Journal of Aquatic Plant Management | 1.00 | 1 | 2 |
| Wildlife Society Bulletin | 0.97 | 2 | 16 |
| Journal of Coastal Research | 0.92 | 1 | 29 |
| Northwest Science | 0.88 | 1 | 35 |
| Herpetological Conservation and Biology | 0.60 | 1 | 2 |
| The American Midland Naturalist | 0.64 | 3 | 90 |
| Natural Sciences Education | 0.58 | 1 | 8 |
| Southeastern Naturalist | 0.57 | 1 | 0 |
| The Wilson Journal of Ornithology | 0.57 | 1 | 5 |
| Waterbirds | 0.53 | 1 | 9 |
| The Southwestern Naturalist | 0.22 | 1 | 12 |
| Journal/ Proceedings of the Annual Conference of the SEAFWA | N/A | 3 | 29 |
| Riparian Ecology and Conservation\* |  N/A | 1 | 2 |

21 Based on publisher provided Impact Factors *\** Journal is not tracked by Google Scholar or Publish or Perish

Graduate Student author *Undergraduate Student Author*

**(70)** Brown, J.V., W.E. Kelso, R. Diaz, W.M. Daniel, *H.M. Brassard*, and **M.D. Kaller**. 2025. Invasive species in the aquarium trade: Survey of attitudes, behaviors, and knowledge among US participants. Hydrobiologia https://doi.org/10.1007/s10750-025-05930-1

**(69)** Wooden, P.L.S., W.E. Kelso, and **M.D. Kaller**. 2025. Effects of flooding on aquatic macroinvertebrate assemblage structure on a connected and disconnected regulated river floodplain. Hydrobiologia https://doi.org/10.1007/s10750-025-05921-2

**(68)** Sullivan II, M.C., **M.D. Kaller**, L.P. Laborde, Jr., K.M. Ringelman, and L.A. Reynolds. 2024. Exceeding expectations increases satisfaction among Louisiana waterfowl hunters. Wildlife Society Bulletin 48: e1551 [**https://doi.org/10.1002/wsb.1551**](https://doi.org/10.1002/wsb.1551)

**(67)** Kaz. A., **M. D. Kaller**, A. J. Lynch, and S. R. Midway. 2024. Early pandemic recreational fishing patterns across the urban-to-rural gradient in the U.S. Fisheries Research 276: 107021

**(66)** Wayne, C.R., **M.D. Kaller**, W.E. Wischusen, and K.P. Maruska. 2024. “Fin-tastic Fish Science:” Using a comic book to disseminate and enhance scientific literacy. Natural Science Education. [**https://doi.org/10.1002/nse2.20135**](https://doi.org/10.1002/nse2.20135)

**(65)** Wayne, C.R., A.M. Karam, C.M. Arms, **M.D. Kaller**, and K. P. Maruska. 2023. Impacts of repeated social defeat on behavior and brain in a cichlid fish. Journal of Experimental Biology 226 (22)

**(64)** Chura, M. K. Healy, R. Diaz, and **M. Kaller**. 2023. Effects of species, sex, and diet on thermal tolerance of Aedes aegypti and Culex quinquefasciatus (Diptera: Culicidea). Journal of Medical Entomology, tjad037.

**(63)** Gallardo, K. **M. D. Kaller**, D. A. Rutherford, and W. E. Kelso. 2023. Influence of river disconnection on floodplain periphyton assemblages. Wetlands 43: 23.

**(62)** Sullivan II, M. P., **M. D. Kaller**, L. P. Laborde Jr., K. M. Ringelman, J. P. Duguay, and L. A. Reynolds. 2023. Differences in hunter harvest metrics by survey modes. Journal of the Southeastern Association of Fish and Wildlife Agencies 10: 92-99.

**(61)** Vasseur, P. L., S. L. King, and **M. D. Kaller**. 2023.Diurnal time-activity budgets and habitat use of Whooping Cranes (*Grus americana*) in the reintroduced Louisiana Nonmigratory Population. Wilson Journal of Ornithology 135: 31-45.

**(60)** Kroes, D. E., R. H. Day, **M. D. Kaller**, C. R. Demas, W. E. Kelso, T. Pasco, R. Harlan, and S. Roberts. 2022. Hydrologic connectivity and residence time affect the sediment trapping efficiency and dissolved oxygen concentrations of the Atchafalaya River Basin. Water Resources Research 58: 11 e2021WR030731

**(59)** Wahl, C. R. Diaz, and **M. Kaller**. 2022. Optimizing Berlese funnel extraction for population estimates of *Cyrtobagous salviniae* from *Salvinia molesta*. Biocontrol Science and Technology 32: 1232-1247.

**(58)** Bird, C.T., **M.D. Kaller,** T.E. Pasco, and W.E. Kelso. 2022. Microhabitat and landscape drivers of richness and abundance of freshwater mussels (Unionida: Unionidae) in a coastal plain river. Applied Sciences 12: 10300; [**https://doi.org/10.3390/app122010300**](https://doi.org/10.3390/app122010300)

**(57)** Hess, C., *L. Little*, C. Brown, **M. Kaller**, and F. Galvez. 2022. Transgenerational effects of parental crude oil exposure on the morphology of adult Fundulus grandis. Aquatic Toxicology, 106209. https://doi.org/10.1016/j.aquatox.2022.106209

**(56)** Ritenour, K., S.L. King, S. Collins, and **M.D. Kaller**. 2022. Factors affecting nest success of colonial nesting waterbirds in southwest Louisiana. Estuaries and Coasts. https://doi.org/10.1007/s12237-021-00993-4

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**(145)** Gallardo, K., R. Errera, **M. Kaller**, and W. Kelso. 2019. Periphyton assemblages in the Atchafalaya floodplain. Coastal and Estuarine Research Federation (Mobile, AL, November 4, 2019, poster presentation).

**(144)** Gallardo, K., R. Errera., **M. Kaller**, and W. Kelso. 2019. Periphyton Communities in the Atchafalaya Floodplain. Louisiana Association of Professional Biologists (Lafayette, LA, August 18, oral presentation).

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**(113)** **Kaller, M.D**., B.A. Collier, E.C. Achberger, and O.P. Barry. 2016. Detection of feral hog impacts on water quality. LDWF Research, Management, and Education Symposium (Baton Rouge, LA, May 31, 2016, oral presentation)

**(112)** Laborde Jr., L.P., M.D. Kaller, and L.A. Reynolds. 2016. A contrast of alternative surveys in the 2015 survey of Louisiana waterfowl hunters. LDWF Research, Management, and Education Symposium (Baton Rouge, LA, May 31, 2016, oral presentation)

**(111)** Bowes, K.M., M.L. Simon, L.P. Laborde Jr., **M.D. Kaller**, and L.A. Reynolds. 2015. The 2015 Survey of Louisiana Waterfowl Hunters: Descriptive findings and a contrast of effort, success and satisfaction by primary zone hunted. Louisiana Association of Professional Biologists Fall Symposium (Baton Rouge, LA, August 20, 2015, oral presentation).

**(110)** Reuter, C.N., **M.D. Kaller**, and W.E. Kelso. 2015. Fish community response to environmental gradients and dendritic connectivity in the Red River drainage, central Louisiana. Louisiana Association of Professional Biologists Fall Symposium (Baton Rouge, LA, August 20, 2015, oral presentation).

**(109)** Herron, J.C., W.E. Kelso, and **M.D. Kaller**. 2015. Relative effectiveness of diurnal and nocturnal electrofishing for monitoring fish assemblage composition in the Atchafalaya River. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, oral presentation)

**(108)** Pasco, T.E., **M.D. Kaller**, A.R. Harlan, W.E. Kelso, and D.A. Rutherford. 2015. Predicting floodplain hypoxia in the Atchafalaya River, Louisiana, USA, a large, regulated southern floodplain river system. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, poster presentation)

**(107)** Harlan, A.R., **M.D. Kaller**, W.E. Kelso, and T.E. Pasco. 2015. Henderson water management unit: A study of spatial scale. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, poster presentation)

**(106)** Reuter, C.R., **M.D. Kaller**, and W.E. Kelso. 2015. Fish community response to environmental gradients and dendritic connectivity in the Red River drainage, central Louisiana. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, oral presentation)

**(105)** Budnick, W., **M.D. Kaller**, W.E. Kelso, and S.A. Adams. 2015. Ecology and distribution of Louisiana crayfishes in a diversity hotspot: an update. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, oral presentation)

**(104**) Budnick, W., **M.D. Kaller**, W.E. Kelso, and S.A. Adams. 2015. Sampling crayfish assemblages in Louisiana coastal plain streams: Gear, protocol, and timing. Spring Meeting of the Southern Division of the American Fisheries Society (Savannah, GA, January 31, 2015, oral presentation)

**(103)** Budnick, W., **M.D. Kaller**, W.E. Kelso, and S.A. Adams. 2014. Differences among biotic and abiotic gradients may inhibit dispersal of rare Orconectes crayfishes in central Louisiana streams. International Association of Astacology. 20th International Symposium (Sapporo, Japan, September 23, 2014, oral presentation).

**(102)** Harlan, R.A., T. Pasco, **M.D. Kaller**, and W.E. Kelso. 2014. Restoration of the Mollicy Farms floodplain: Past successes and future possibilities. 35th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (Thibodaux, LA, USA, May 29, 2014, poster presentation).

**(101)** Anderson, A.N. and **M.D. Kaller**. 2014. Investigation of feral swine (Sus scrofa) across different habitat types in Louisiana. 2014 International Wild Pig Conference (Montgomery, AL, April 15, 2014, oral presentation).

**(100)** Oliver, D**.,** W.E. Kelso, and **M.D. Kaller**. 2013. Movements and Habitat Use of Southeastern Blue Sucker Cycleptus Meridionalis in the Lower Pearl River. 143rd Annual Meeting of the American Fisheries Society (September 11, 2013, oral presentation)

**(99)** Budnick, W., **M.D. Kaller**, W.E. Kelso, and S.A. Adams. 2013. Factors Structuring the Biogeography of Cosmopolitan and Endemic Crayfishes. 143rd Annual Meeting of the American Fisheries Society (September 9, 2013, oral presentation)

**(98)** Pasco, T.E., W.E. Kelso, **M.D. Kaller**, and A.R. Harlan. 2013. Defining the Atchafalaya River Basin hydrograph/hypoxia relationship. 143rd Annual Meeting of the American Fisheries Society (September 9, 2013, oral presentation)

**(97)** Miller, B.A., M.D. Kaller, and W.E. Kelso. 2013. Resource partitioning within the centrarchid assemblage of the Atchafalaya River Floodway System, Louisiana, based on stomach content and stable isotope analyses. 143rd Annual Meeting of the American Fisheries Society (September 9, 2013, oral presentation)

**(96) Kaller, M.D.** 2013. Effects of Hurricanes Gustav and Isaac on freshwater fish resources. 4th Louisiana Natural Resources Symposium (August 1, 2013, oral presentation)

**(95)** de Hoop, C.A. Gerald, **M.D. Kaller**, and T.F. Shupe. 2013. Forest landowner perceptions of prescribed burning in southeastern Louisiana. 4th Louisiana Natural Resources Symposium (August 1, 2013, oral presentation)

**(94)** Pasco, T.E., A.R. Harlan, W.E Kelso, and **M.D Kaller**. 2013. Defining the Atchafalaya River Basin hydrograph/hypoxia relationship. 34th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 30, 2013, oral presentation).

**(93)** Miller, B.A., W.E. Kelso, and **M.D. Kaller**. 2013. Resource partitioning within the centrarchid assemblage of the Atchafalaya River Basin, Louisiana, based on stomach content and stable isotope analyses. 34th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 30, 2013, oral presentation).

**(92) Kaller, M.D.** 2013. Plants across ecosystems and kingdoms: Examples from aquatic ecosystems and terrestrial-aquatic interrelationships. Fascination of Plants Day Symposium (May 13, 2013, oral presentation)

**(91)** Laborde, Jr., L. F.C. Rohwer, and **M.D. Kaller**. 2013. An assessment of the waterfowl hunter recruitment and retention model. 6th North American Duck Symposium and Workshop (January 29, 2013, oral presentation)

**(90)** Laborde, Jr., L. F.C. Rohwer, and **M.D. Kaller**. 2012.The relationship of waterfowl conservation organization membership to waterfowl hunter participation in Louisiana. Louisiana Association of Professional Biologists (August 16, 2012, oral presentation)

**(89)** Baltz, D., S. Dobson, M. Green, **M. Kaller**, P. Leberg, J.A. Nyman, A. Owens. C. Parsons Richards, D. Reed, R. Romaire, T. Soniat, and N. Snider. 2012. Upper Trophic Level Modeling in support of Louisiana’s 2012 Coastal Master Plan. State of the Coast 2012. (June 25, 2012, oral presentation).

**(88) Kaller, M.D.** 2012. A largemouth bass *Micropterus salmoides* habitat suitability index model in support of Louisiana’s 2012 Coastal Master Plan. State of the Coast 2012. (June 25, 2012, oral presentation).

**(87)** Vazquez, J.A., **M.D. Kaller**, and W.E. Kelso. 2012. Fish assemblage diversity at revetted banks in the Pearl River and the response of these assemblages to 2011 Temple Inland Fish Kill. 33rd Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 17, 2012, oral presentation).

**(86)** Oliver, D., W. Kelso, and **M. Kaller**. 2012. Southeastern blue suckers (*Cycleptus meridionalis*) in the Louisiana waters of the Pearl River: Low catches and limited range of targeted habitats suggest continued concerns. 33rd Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 17, 2012, oral presentation).

**(154)** Buxton, L. S., S. Kinney, **M. Kaller**, M., M. Benfield, and S. Midway. 2022. Microplastics in a southeastern USA reservoir. Southern Division American Fisheries Society Annual Meeting. (Charleston, SC, January 24, 2022, poster presentation)**.**

**(153)** Garrison, M. E. B., L. Thomas, I. Caldwell, C. Williams, **M. Kaller**, and M. Crosswhite. 2022. Animal Pharmacology: What do Animal Science Students Know? Southern Section Meeting of the America Society of Animal Science (Fort Worth, TX, January 24, 2022, oral presentation).

**(152)** Walsh, C. E., **M. D. Kaller**, S. S. Taylor, and W. E. Kelso. 2021. Patterns and drivers of introgression in Louisiana’s Largemouth Bass (Micropterus salmoides) stocks. 41st Annual Meeting of the Louisiana Chapter of the American Fisheries Society (Baton Rouge, LA, May 27, oral presentation)

**(151)** Thayer, E., W. E. Kelso, and **M. D. Kaller**. 2021. River continuums and dis-continuums: trophic relationships in Louisiana coastal watersheds. 41st Annual Meeting of the Louisiana Chapter of the American Fisheries Society (Baton Rouge, LA, May 27, oral presentation)

**(150)** Thayer, E., W.E. Kelso, and **M.D. Kaller**. 2020. Fish species and functional group associations with flow and other variables in coastal plain streams. Spring Meeting of the Southern Division of the American Fisheries Society (Little Rock, AK, February 20-23, poster presentation)

**(149)** Taylor, M., **M.D. Kaller**, and W.E. Kelso. 2020. Unusually large flooding events alter geochemical processing in a large, regulated floodplain river. Spring Meeting of the Southern Division of the American Fisheries Society (Little Rock, AK, February 20-23, poster presentation)

**(148)** Holton, M., **M. Kaller**, and W.E. Kelso. 2020. Life history characteristics of Noturus noturnus, Noturus leptacanthus, and Noturus funebris in southeast Louisiana. Spring Meeting of the Southern Division of the American Fisheries Society (Little Rock, AK, February 20-23, poster presentation)

**(147)** Vasseur, P.L, S.L. King, and **M.D. Kaller**. 2020. Diurnal time-activity budgets and habitat use of whooping cranes in the Louisiana reintroduced nonmigratory population. 15th North American Crane Workshop (Lubbock, TX, January 10, 2020, oral presentation).

**(146)** Vasseur, P.L., S.L. King, **M.D. Kaller**, and S.E. Zimorkski. 2020. Behavior analysis and long-term survival of captive-reared juvenile whooping cranes in the reintroduced Louisiana nonmigratory population 15th North American Crane Workshop (Lubbock, TX, January 10, 2020, oral presentation).

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**(115** Harlan, R. Y. Allen, **M.D. Kaller**, W.E. Kelso, D. Kroes, R. Maxwell, T.E. Pasco, S.W. Roberts, and B. Salyers. 2016. ELOHA Atchafalaya! 37th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (Baton Rouge, LA, June 2, 2016, oral presentation).

**(114)** Vlosky, R., S. Tanger, and **M. Kaller**. 2016. Psychological and Social Impacts of Feral Hogs on Farmers in Louisiana. Update on LSU AgCenter Feral Swine Research and New Regulations. Dean Lee Research and Extension Center (Alexandria, LA, May 31, 2016, oral presentation)

**(113)** **Kaller, M.D**., B.A. Collier, E.C. Achberger, and O.P. Barry. 2016. Detection of feral hog impacts on water quality. LDWF Research, Management, and Education Symposium (Baton Rouge, LA, May 31, 2016, oral presentation)

**(112)** Laborde Jr., L.P., M.D. Kaller, and L.A. Reynolds. 2016. A contrast of alternative surveys in the 2015 survey of Louisiana waterfowl hunters. LDWF Research, Management, and Education Symposium (Baton Rouge, LA, May 31, 2016, oral presentation)

 **(111)** Bowes, K.M., M.L. Simon, L.P. Laborde Jr., **M.D. Kaller**, and L.A. Reynolds. 2015. The 2015 Survey of Louisiana Waterfowl Hunters: Descriptive findings and a contrast of effort, success and satisfaction by primary zone hunted. Louisiana Association of Professional Biologists Fall Symposium (Baton Rouge, LA, August 20, 2015, oral presentation).

**(110)** Reuter, C.N., **M.D. Kaller**, and W.E. Kelso. 2015. Fish community response to environmental gradients and dendritic connectivity in the Red River drainage, central Louisiana. Louisiana Association of Professional Biologists Fall Symposium (Baton Rouge, LA, August 20, 2015, oral presentation).

**(109)** Herron, J.C., W.E. Kelso, and **M.D. Kaller**. 2015. Relative effectiveness of diurnal and nocturnal electrofishing for monitoring fish assemblage composition in the Atchafalaya River. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, oral presentation)

**(108)** Pasco, T.E., **M.D. Kaller**, A.R. Harlan, W.E. Kelso, and D.A. Rutherford. 2015. Predicting floodplain hypoxia in the Atchafalaya River, Louisiana, USA, a large, regulated southern floodplain river system. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, poster presentation)

**(107)** Harlan, A.R., **M.D. Kaller**, W.E. Kelso, and T.E. Pasco. 2015. Henderson water management unit: A study of spatial scale. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, poster presentation)

**(106)** Reuter, C.R., **M.D. Kaller**, and W.E. Kelso. 2015. Fish community response to environmental gradients and dendritic connectivity in the Red River drainage, central Louisiana. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, oral presentation)

**(105)** Budnick, W., **M.D. Kaller**, W.E. Kelso, and S.A. Adams. 2015. Ecology and distribution of Louisiana crayfishes in a diversity hotspot: an update. 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 29, 2015, oral presentation)

**(104**) Budnick, W., **M.D. Kaller**, W.E. Kelso, and S.A. Adams. 2015. Sampling crayfish assemblages in Louisiana coastal plain streams: Gear, protocol, and timing. Spring Meeting of the Southern Division of the American Fisheries Society (Savannah, GA, January 31, 2015, oral presentation)

**(103)** Budnick, W., **M.D. Kaller**, W.E. Kelso, and S.A. Adams. 2014. Differences among biotic and abiotic gradients may inhibit dispersal of rare Orconectes crayfishes in central Louisiana streams. International Association of Astacology. 20th International Symposium (Sapporo, Japan, September 23, 2014, oral presentation).

**(102)** Harlan, R.A., T. Pasco, **M.D. Kaller**, and W.E. Kelso. 2014. Restoration of the Mollicy Farms floodplain: Past successes and future possibilities. 35th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (Thibodaux, LA, USA, May 29, 2014, poster presentation).

**(101)** Anderson, A.N. and **M.D. Kaller**. 2014. Investigation of feral swine (Sus scrofa) across different habitat types in Louisiana. 2014 International Wild Pig Conference (Montgomery, AL, April 15, 2014, oral presentation).

**(100)** Oliver, D**.,** W.E. Kelso, and **M.D. Kaller**. 2013. Movements and Habitat Use of Southeastern Blue Sucker *Cycleptus Meridionalis* in the Lower Pearl River. 143rd Annual Meeting of the American Fisheries Society (September 11, 2013, oral presentation)

**(99)** Budnick, W., **M.D. Kaller**, W.E. Kelso, and S.A. Adams. 2013. Factors Structuring the Biogeography of Cosmopolitan and Endemic Crayfishes. 143rd Annual Meeting of the American Fisheries Society (September 9, 2013, oral presentation)

**(98)** Pasco, T.E., W.E. Kelso, **M.D. Kaller**, and A.R. Harlan. 2013. Defining the Atchafalaya River Basin hydrograph/hypoxia relationship. 143rd Annual Meeting of the American Fisheries Society (September 9, 2013, oral presentation)

**(97)** Miller, B.A., M.D. Kaller, and W.E. Kelso. 2013. Resource partitioning within the centrarchid assemblage of the Atchafalaya River Floodway System, Louisiana, based on stomach cContent and stable isotope analyses. 143rd Annual Meeting of the American Fisheries Society (September 9, 2013)

**(96) Kaller, M.D.** 2013. Effects of Hurricanes Gustav and Isaac on freshwater fish resources. 4th Louisiana Natural Resources Symposium (August 1, 2013, oral presentation)

**(95)** de Hoop, C.A. Gerald, **M.D. Kaller**, and T.F. Shupe. 2013. Forest landowner perceptions of prescribed burning in southeastern Louisiana. 4th Louisiana Natural Resources Symposium (August 1, 2013, oral presentation)

**(94)** Pasco, T.E., A.R. Harlan, W.E Kelso, and **M.D Kaller**. 2013. Defining the Atchafalaya River Basin hydrograph/hypoxia relationship. 34th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 30, 2013, oral presentation).

**(93)** Miller, B.A., W.E. Kelso, and **M.D. Kaller**. 2013. Resource partitioning within the centrarchid assemblage of the Atchafalaya River Basin, Louisiana, based on stomach content and stable isotope analyses. 34th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 30, 2013, oral presentation).

**(92) Kaller, M.D.** 2013. Plants across ecosystems and kingdoms: Examples from aquatic ecosystems and terrestrial-aquatic interrelationships. Fascination of Plants Day Symposium (May 13, 2013, oral presentation)

**(91)** Laborde, Jr., L. F.C. Rohwer, and **M.D. Kaller**. 2013. An assessment of the waterfowl hunter recruitment and retention model. 6th North American Duck Symposium and Workshop (January 29, 2013, oral presentation)

**(90)** Laborde, Jr., L. F.C. Rohwer, and **M.D. Kaller**. 2012.The relationship of waterfowl conservation organization membership to waterfowl hunter participation in Louisiana. Louisiana Association of Professional Biologists (August 16, 2012, oral presentation)

**(89)** Baltz, D., S. Dobson, M. Green, **M. Kaller**, P. Leberg, J.A. Nyman, A. Owens. C. Parsons Richards, D. Reed, R. Romaire, T. Soniat, and N. Snider. 2012. Upper Trophic Level Modeling in support of Louisiana’s 2012 Coastal Master Plan. State of the Coast 2012. (June 25, 2012, oral presentation).

**(88) Kaller, M.D.** 2012. A largemouth bass *Micropterus salmoides* habitat suitability index model in support of Louisiana’s 2012 Coastal Master Plan. State of the Coast 2012. (June 25, 2012, oral presentation).

**(87)** Vazquez, J.A., **M.D. Kaller**, and W.E. Kelso. 2012. Fish assemblage diversity at revetted banks in the Pearl River and the response of these assemblages to 2011 Temple Inland Fish Kill. 33rd Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 17, 2012, oral presentation).

**(85)** Oliver, D., **M. Kaller,** and W. Kelso. 2012. Production of river bathymetry maps using a low cost single beam sonar unit. 33rd Annual Meeting of the Louisiana Chapter of the American Fisheries Society (May 17, 2012, oral presentation).

**(84)** Oliver, D., **M. Kaller,** and W. Kelso. 2012. Production of river bathymetry maps using a low cost single beam sonar unit. 28th Annual Louisiana Remote Sensing and GIS Workshop (Apr. 24, 2012, oral presentation)

**(83)** Fitzgerald, A.F., **M.D. Kaller**, and W.E. Kelso. 2012. Effects of varying in-stream habitats on headwater stream fish assemblages in southwestern Louisiana. Southern Division of the American Fisheries Society (Jan. 29, 2012, oral presentation)

**(82)** Harlan, A.R., W.E. Kelso, and **M.D. Kaller**. 2012. The 2011 Mississippi River flood: Atchafalaya Basin water quality during the Morganza Spillway opening. Southern Division of the American Fisheries Society (Jan. 28, 2012, oral presentation)

**(81)** Miller, B.A., W.E. Kelso, and **M.D. Kaller**. 2012. Differences in Centrarchid condition factor among macro- and meso-habitats in the Atchafalaya River basin, Louisiana. Southern Division of the American Fisheries Society (Jan. 28, 2012, oral presentation)

**(80)** Oliver, D.C., W.E. Kelso, and **M.D. Kaller**. 2012. Southeastern blue sucker (*Cycleptus meridionalis*) in the Louisiana waters of the Pearl River: Low catches and limited range of targeted habitats suggest continued concerns. Southern Division of the American Fisheries Society (Jan. 28, 2012, oral presentation)

**(79)** Pasco, T.E., W.E. Kelso, and **M.D. Kaller**. 2012. Ecosystem management in the Atchafalaya River basin: Still arranging deck chairs on the Titanic. Southern Division of the American Fisheries Society (Jan. 28, 2012, oral presentation)

**(78)** Laborde, L., F. Rohwer, and **M. Kaller**. 2011. Surveying Mississippi flyway waterfowl hunters: Contrasts between hunters who hunt out-of-state and those hunting in-state only. The 72nd Annual Midwest Fish and Wildlife Conference (Dec. 5, 2011, oral presentation)

**(77)** Keim, R., B. Edwards, **M. Kaller**, A.R. Harlan, W. Kelso, D. Scott, and N. Jones. 2011. Conservative and reactive tracers of floodplain hydrology and ecosystem processes in the floodplain of the Atchafalaya River, Louisiana. Fall Meeting of the American Geophysical Union (Dec. 6, 2011, oral presentation).

**(76)** de Hoop, C.F., C.A. Gerald, **M.D. Kaller,** and T.S. Shupe.  2011.  Landowner Perceptions of Fire in Southeastern Louisiana. Society of American Foresters National Convention (Nov. 2, 2011, oral presentation).

**(75)** Laborde, L.P., F.C. Rohwer, and **M.D. Kaller**. 2011. Potentially actionable influences on annual participation of Louisiana waterfowl hunters. The 18th Annual Conference of The Wildlife Society (Nov. 8, 2011, oral presentation)

**(74)** Laborde, Jr., L. F.C. Rohwer, and **M.D. Kaller**. 2011. Surveying Louisiana waterfowl hunters: Contrasts between a random mail survey and an open web survey. Fall Meeting of the Louisiana Association of Professional Biologists (Aug. 11, 2011, oral presentation).

**(73)** Klimesh, D.D., Y.J. Xu, and **M.D. Kaller.** 2011. Responses of stream benthic macroinvertebrate communities in a low-gradient, subtropical stream to timber harvesting. Southeastern Natural Resources Graduate Student Symposium (Mar. 4, 2011, oral presentation).

**(72) INVITED PAPER – Kaller, M.D.,** J. Anderson, and R.G. Thomas. 2011. Louisiana perspectives on global and local markets for Asian carp. Aquaculture America 2011, World Aquaculture Society (Mar. 1, 2011, oral presentation).

**(71)** Sheftall IV, W.S., **M.D. Kaller**, and W.E. Kelso. 2011. Zooplankton density and composition in river/floodplain habitats of the Ouachita River. 32nd Annual Meeting of the Louisiana Chapter of the American Fisheries Society. (Jan. 27, 2011, oral presentation).

**(70)** Klimesh, D.D., Y.J. Xu, and **M.D. Kaller**. 2010. Changes in benthic macroinvertebrate communities following timber harvest in headwater streams of a Louisiana low-gradient watershed. TMDL 2010: Watershed Management to Improve Water Quality. (Nov. 14, 2010, oral presentation).

**(69)** Kennedy, T., **M.D. Kaller**, and S. Haase. 2010. Biotic and abiotic monitoring of a large-scale restoration project to reconnect a southern river with its historic floodplain in northern Louisiana, USA. Third International Symposium on Ecology and Biodiversity of Northeast Asia and North America. (Sept. 20, 2010, oral presentation)

**(68)** Murphy, C.E., **M.D. Kaller**, and W.E. Kelso. 2010. Implications of intra-ecoregional variability in Gulf of Mexico coastal plain stream assessment. 140th Annual Meeting of the American Fisheries Society (Sept. 15, 2010, oral presentation).

**(67)** Harlan, A.R., W.E. Kelso, **M.D. Kaller**, and A. Williamson. 2010. Riparian and in-stream variation among headwater streams of the Bogue Chitto River, Louisiana, U.S.A. 140th Annual Meeting of the American Fisheries Society (Sept. 15, 2010, oral presentation).

**(66)** Sheftall IV, W.S., **M.D. Kaller**, and W.E. Kelso. 2010. Investigating zooplankton abundance and composition within a Louisiana river and adjacent tributaries. 140th Annual Meeting of the American Fisheries Society (Sept. 14, 2010, oral presentation).

**(65)** Fries, M.A., W.E. Kelso, and **M.D. Kaller**. 2010. The influence of habitat on introgression and condition of largemouth bass in Louisiana. 140th Annual Meeting of the American Fisheries Society (Sept. 13, 2010, oral presentation).

**(64)** Daniel, W. M., K.M. Brown, W. Kelso, **M. Kaller**, and A.R. Harlan. 2010. Modeling factors that determine Unionid mussel abundance, distribution, and diversity in Louisiana coastal plain rivers. American Society for Limnology and Oceanography Aquatic Sciences Joint Meeting with the North American Benthological Society (June 7, 2010, oral presentation).

**(63)** Allgood, T., K. Gautreaux, W. Kelso, **M. Kaller**, and C. Green. 2010. Influences of acclimation salinity on thermal tolerance of a population of tilapia (*Oreochromis* sp.) from Port Sulphur, Louisiana. 31st Annual Meeting of the Louisiana Chapter of the American Fisheries Society (January 28, 2010, oral presentation).

**(62)** Fries, M.A., W. E. Kelso, **M.D. Kaller**, and D. G. Kelly. 2010. Introgression, condition, and health of Florida (*Micropterus salmoides floridanus*), hybrid (*Micropterus salmoides floridanus X salmoides*), and northern largemouth bass *Micropterus salmoides salmoides*) in Louisiana water bodies 31st Annual Meeting of the Louisiana Chapter of the American Fisheries Society (January 28, 2010, oral presentation).

**(61)** Fries, M. A., W.E. Kelso, **M. D. Kaller**, and D. G. Kelly 2009. Lake habitat characteristics influence the introgression of Florida-strain alleles in Louisiana largemouth bass (Micropterus salmoides) populations. 64th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (November 2, 2009, poster presentation).

**(60) INVITED PAPER - Kaller, M.D.,** A.R. Harlan, W.E. Kelso, and D.A. Rutherford. 2009. Fishes of concern in southeastern Louisiana: The rare are getting rarer, and extirpation may be running rampant.139th Annual Meeting of the American Fisheries Society (Sept. 1, 2009, oral presentation).

**(59)** Bonvillain, C.P., D.A. Rutherford, **M.D. Kaller**, J.L. West, and W.E. Kelso. 2009. Biotic and abiotic influences on wild crayfish populations in the Atchafalaya River basin, Louisiana. 139th Annual Meeting of the American Fisheries Society (Sept. 2, 2009, oral presentation).

**(58) INVITED PAPER - Kaller, M.D.,** W.E. Kelso, J.D. Hudson III, D. Reed, and N. Huff. 2009. A pig by any other name: Feral swine impacts on wetlands structure and function. 38th Annual Meeting of the Society of Wetland Scientists (June 23, 2009, oral presentation).

**(57)** Williamson, A.M., **M.D.** **Kaller,** A.R. Harlan, and W. E. Kelso.2009.

Cyprinid community structure in coastal plain streams in southeastern Louisiana. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(56)** Fries, M.A., **M.D. Kaller**, W.E. Kelso, and D.G. Kelly. 2009. Factors influencing introgression of Florida-strain alleles in Louisiana largemouth bass (Micropterus salmoides) populations. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(55)** Ward, B.M., W.E. Kelso, and **M.D. Kaller.** 2009. Effects of land development on fish assemblages in low order streams of the Bogue Chitto watershed, Louisiana. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(54)** Markos, P., W.E. Kelso, and **M.D. Kaller**. 2009. Evaluating effects of physical disturbance on stream benthic macroinvertebrate communities in southeastern Louisiana. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(53)** DiBenedetto, K.C. W.E. Kelso, **M.D. Kaller**, D.A. Rutherford, and A.M. Ferrara. 2009. Life History characteristics of Alligator gar (Atractosteus spatula) in South Louisiana. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(52) INVITED PAPER –** Halloran, B.T., D.A. Rutherford, **M.D. Kaller**, and W.E. Kelso. 2009. Windshield or bug? Examining the synchronous occurrence of ichthyoplankton and zooplankton in a temperate floodplain system. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(51) INVITED PAPER -** Thomas, R.G., **M.D. Kaller**, and J.B. Alford. 2009. Invasive aquatic species in the Atchafalaya Basin: the Asian carps. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(50) INVITED PAPER –** Bonvillain, C.P, D.A. Rutherford, **M.D. Kaller**, and W.E. Kelso. 2009. Biotic and abiotic Influences on wild Procambarus clarkii populations in the Atchafalaya River Basin. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(49) INVITED PAPER -** Perret, A.J., **M.D. Kaller**, W.E. Kelso, and D.A. Rutherford. 2009. Effects of Hurricanes Katrina and Rita on sportfish abundance in the southeastern Atchafalaya River Basin, Louisiana. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(48) INVITED PAPER -** Harlan, A.R., Kelso W., Kelly, D.G., and **M.D. Kaller**. 2009. Short-term impacts of Hurricane Gustav on water quality in the East Grand Lake Region of the Atchafalaya River Basin. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(47) INVITED PAPER - Kaller, M.D.,** W.E. Kelso, B.T. Halloran, and D.A. Rutherford. 2009. To breathe or not to breath, that is the question: dissolved oxygen in the Atchafalaya River Basin. 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

(**46) INVITED PAPER -** Kelso, W.E. and **M.D. Kaller**. 2009. Ecosystem management in the Atchafalaya River Basin: Arranging deck chairs on the Titanic? 17th Annual Spring Meeting of the Southern Division of the American Fisheries Society (Jan. 17, 2009, oral presentation)

**(45)** Fries, M. **M.D. Kaller**, W.E. Kelso, and D.G. Kelly. 2008. Do physiochemical, water body, or landscape characteristics influence introgression of Florida-strain alleles in Louisiana largemouth bass *Micropterus salmoides* populations? 62nd Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (Oct. 15, 2008, oral presentation).

**(44)** Perret, A., **M.D. Kaller**, W.E. Kelso, and D.A. Rutherford. 2008. Effects of Hurricanes Katrina and Rita on Sportfish Abundance in the Southeastern Atchafalaya River Basin, Louisiana. 62nd Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (Oct. 15, 2008, oral presentation).

**(43)** Harlan, R.A., W.E. Kelso, and **M.D. Kaller**.2008. A survey of fishes of concern in the Bogue Lusa and Pushepetapa river systems in southeastern Louisiana. 62nd Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (Oct. 15, 2008, oral presentation).

**(41)** Markos, P.D., W.E. Kelso, and **M.D. Kaller**. 2008. Evaluating the effects of physical disturbance on stream benthic macroinvertebrates in southeastern Louisiana. 62nd Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (Oct. 15, 2008, oral presentation).

**(41)** Ward, B.M., W.E. Kelso, and **M.D. Kaller**. 2008. Relative influence of reach-level and watershed land use characteristics on fish community structure in the Bogue Chitto watershed. 62nd Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (Oct. 15, 2008, oral presentation).

**(40)** Halloran, B.T., D.A. Rutherford, **M.D. Kaller**, and W.E. Kelso. 2008. Does the fox really need the hare? Evaluating the annual degree of overlap between ichthyoplankton and zooplankton communities on the floodplain. 62nd Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (Oct. 15, 2008, oral presentation).

**(39) INVITED PAPER - Kaller, M.D.** and W.E. Kelso. 2008. The consequences of habitat sampling choice on benthic macroinvertebrate metric and index estimation in coastal Louisiana streams. 138th Annual Meeting of the American Fisheries Society (August 21, 2008, oral presentation)

**(38)** Halloran, B.T., D.A. Rutherford, **M.D. Kaller**, and W.E. Kelso. 2008. Where is everybody? Evaluating floodplain-dependent fish reproduction in a subtropical river system. 138th Annual Meeting of the American Fisheries Society (August 21, 2008, oral presentation)

**(38) Kaller, M.D.**, N. Huff, and D. Reed. 2008. 2008 Feral hog surveys reveal: frustrated landowners and besieged biologists. 2008 National Conference on Feral Hogs (April 14, 2008, oral presentation)

**(36)** Halloran, B.T., D.A. Rutherford, **M.D. Kaller** and W.E. Kelso. 2008. The Degree of Co-occurrence between Zooplankton and Ichthyoplankton Shape the Year-class Recruitment in Newly Inundated Bottomland Hardwood Floodplains. Integrating Science into the Restoration and Management of Floodplain Ecosystems of the Southeast Symposium, Little Rock, AK (March 3, 2008, oral presentation).

**(35)** Harlan, R.A., W.E. Kelso, and **M.D. Kaller**. 2008. A survey of fishes inhabiting the Pearl, Tchefuncte, and Tangipahoa River systems. 29th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (February 1, 2008, oral presentation).

**(34)** Ward, B.M., **M.D. Kaller**, and W.E. Kelso. 2008. Effects of watershed land use and fish community structure. 29th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (January 31, 2008, oral presentation).

**(33)** Halloran, B.T., D.A. Rutherford, **M.D. Kaller**, and W.E. Kelso. 2008. Speed dating on the floodplain? Trying to establishing a link between seasonal floodpulses and recruitment in Atchafalaya River basin. 29th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (January 31, 2008, oral presentation).

**(32)** Halloran, B.T., **M.D. Kaller**, W.E. Kelso, and D.A. Rutherford. 2008. How does flooding in the Atchafalaya River Basin Shape Young-Of-The-Year Fishes? Ecosystem Functions and the Dynamic Atchafalaya River from the Old River Control Structure to the Continental Shelf. (January 10, 2008, oral presentation)

**(31)** **Kaller, M.D.,** W. E. Kelso, and D.A. Rutherford. 2008. Effects of spatial scale on assessment of dissolved oxygen dynamics in the Atchafalaya River Basin, Louisiana. Ecosystem Functions and the Dynamic Atchafalaya River from the Old River Control Structure to the Continental Shelf. (January 10, 2008, oral presentation)

**(30) INVITED PAPER - Kaller, M.D.** and K.J. Hartman. 2007. Headwaters at the nexus: Towards generalizations and emerging properties. 137th Annual Meeting of the American Fisheries Society (Sept. 3, 2007, oral presentation)

**(29) INVITED PAPER –** McRae, M., **M.D. Kaller**, and J.M. Fitzsimmons. 2007. Spatial and temporal drift patterns in Hawaiian streams. 137th Annual Meeting of the American Fisheries Society (Sept. 3, 2007, oral presentation)

**(28)** Bahm, J.A., **M.D. Kaller,** and D.A. Rutherford. 2007.Movement, habitat use, and mortality of blacktail redhorse in West Fork Thompson Creek, Louisiana. 137th Annual Meeting of the American Fisheries Society (Sept. 6, 200, oral presentation 7)

**(27)** Walley, R. C., **M. D. Kaller**, and W. E. Kelso. 2007. Invasive aquatic macrophytes and their impacts on the native plant community in the Atchafalaya River basin, Louisiana, USA. Louisiana Association of Professional Biologists (Aug. 9., 2007, poster presentation)

**(26)** Harlan, R., W. E. Kelso, D. A. Rutherford, and **M. D. Kaller**. 2007. A survey of fishes inhabiting the Pearl, Tchefuncte, and Tangipahoa River systems in Louisiana. Louisiana Association of Professional Biologists (Aug. 9., 2007, oral presentation)

**(25) INVITED PAPER - Kaller, M.D.** 2007. Obscured by the clouds: extraneous sources of variation complicate bioassessment on the Gulf of Mexico coastal plain. Annual meeting of the Carolina Area Benthological Association (Mar. 8, 2007, oral presentation).

**(24) Kaller, M.D.** and W. E. Kelso. 2007. Feral pigs in the American South: The ultimate invader? Annual Meeting of the American Society of Environmental Historians (Mar. 1, 2007, oral presentation)

**(23) Kaller, M.D.,** Kelso, W.E., and D.G. Kelly. 2007. Stocking rate and passage of time influence the success of introduction and introgression of Florida alleles in Louisiana largemouth bass. Spring Meeting of the Southern Division of the American Fisheries Society (Feb. 10, 2007v).

**(22)** Boswell, K.M., **Kaller, M.D.** and C.A. Wilson. 2007. Acoustic estimates of habitat-specific fish biomass and length distributions in a Louisiana estuary. Spring Meeting of the Southern Division of the American Fisheries Society (Feb. 10, 2007, oral presentation).

**(21)** Walley, R.C., Bahm, J.A., **Kaller, M.D**., and W.E. Kelso. 2007. Influences of site characteristics and water quality on aquatic macrophyte community composition in the Atchafalaya River Basin, Louisiana, USA. Spring Meeting of the Southern Division of the American Fisheries Society (Feb. 10, 2007, oral presentation).

**(20)** Bahm, J.A., **Kaller, M.D.,** and D.A. Rutherford. 2007. Home range and habitat use of blacktail redhorse in West Fork Thompson Creek, Louisiana**.** Spring Meeting of the Southern Division of the American Fisheries Society (Feb. 10, 2007, oral presentation).

**(19) Kaller, M.D.,** Kelso, W.E., and D.G. Kelly. 2007. Effects of Florida largemouth bass introgression on Louisiana bass stocks. 28th Annual Meeting of the Louisiana State Chapter of the American Fisheries Society (Feb. 1, 2007v).

**(18) INVITED PAPER - Kaller, M. D.,** Hudson III, J. D., Achberger, E. C., and W. E. Kelso. 2006. Wild pig research in western Louisiana: expanding populations and unforeseen consequences. The 2006 National Meeting on Wild Pigs (May 22, 2006, oral presentation).

**(17) Kaller, M. D.,** Hudson III, J. D., Kelso, W. E., and L. R. Williams**.** 2005. Freshwater macroinvertebrate research in western Louisiana: limitations of our knowledge base. The 2005 Joint Assembly of the American Geophysical Union and the North American Benthological Society (May 26, 2005, oral presentation).

**(16) Kaller, M.D.** and W. E. Kelso. 2005. Effects of woody debris surface area and dissolved oxygen on coastal plain stream macroinvertebrate communities. 26th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (February 3, 2005, oral presentation).

**Student Paper Award winner**

**(15) Kaller, M. D.** and W. E. Kelso. 2004. Spatial and temporal impacts of feral swine (*Sus scrofa*) in a coastal, bottomland stream. 58th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (November 1, 2004, oral presentation).

**(14) Kaller, M. D.** and W. E. Kelso. 2004. Seasonally divergent macroinvertebrate community structures in lowland, subtropical streams. 134th Annual Meeting of the American Fisheries Society (August 26, 2004).

**(13) Kaller, M.D.** and W. E. Kelso. 2004. Water quality degradation in a southwestern Louisiana stream:  the impacts of swine (*Sus scrofa*) activity on water quality parameters. 25th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (February 6, 2004, oral presentation). **Student Paper Award winner**

 **(12) Kaller, M.D.** and W. E. Kelso. 2003. Effects of feral swine on water quality in a coastal bottomland stream. 57th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (October 14, 2003, oral presentation).

 **(11) Kaller, M.D.** 2003. A preliminary assessment of the factors influencing macroinvertebrate communities in coastal, bottomland Louisiana streams. Louisiana Association of Professional Biologists (August 21, 2003, oral presentation).

**(10) Kaller, M.D**. and W. E. Kelso. 2003. Longitudinal effects on macroinvertebrate communities, microbial populations, and coarse woody debris in a lowland, subtropical river continuum. Annual Conference of the North American Benthological Society (May 30, 2003, oral presentation).

**(9) Kaller, M. D.** and W. E. Kelso. 2003. Effects of land use on microbial populations, habitat, parameters, and water quality in western Louisiana bottomland hardwood streams: preliminary results. Annual Meeting of the Louisiana Chapter of the American Fisheries Society (February 6, 2003, oral presentation) **Student Paper Award winner**

**(8) Kaller, M. D.** and K. J. Hartman. 2001. Experimental Determination of Benthic Macroinvertebrate Metric Sensitivity to Fine Sediment. 55th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies (October 15, 2001, oral presentation). **Student Paper Award winner**

**(7) Kaller, M. D.** 2001. To inform or influence: Advocacy in natural resources from a fisheries and wildlife scientist’s point of view. Women and Diversity in Natural Resources Seminar Series (April 25, 2001, oral presentation).

**(6) Kaller, M. D.** and K. J. Hartman. 2000. Effects of sedimentation on benthic

macroinvertebrates in forested northern Appalachian streams. Annual Meeting of the American Fisheries Society (August 24, 2000, oral presentation)

**(5) Kaller, M. D.** and K. J. Hartman. 2000. The effects of sedimentation upon benthic macroinvertebrates in forested northern Appalachian streams. Annual meeting of the North American Benthological Society (May 31, 2000, poster presentation).

 **(4) Kaller, M. D.** and K. J. Hartman. 2000. Effects of sedimentation on benthic

macroinvertebrates in forested northern Appalachian streams. Annual Conference of the Northeastern Association of Fish and Wildlife Agencies (April 9, 2000, oral presentation)

**(3)Kaller, M. D.** and K. J. Hartman. 2000. Effects of sedimentation on benthic

macroinvertebrates in forested northern Appalachian streams. 49th Annual Tri-State Fisheries meeting (March 8, 2000, oral presentation) **Student Paper Award winner**

 **(2) Kaller, M. D.** and K. J. Hartman. 1999. Effects of sedimentation and large woody debris on benthic macroinvertebrates in forested Appalachian streams. WESTVACO Forest Meeting (January 14, 1999, oral presentation)

**(1) Kaller, M. D.** and T. M. Sutton. 1997. Evaluation of techniques used to determine age structure of walleyes (Sander vitreus) in Munuscong Bay, MI. Michigan Chapter American Fisheries Society (March 7, 1997, oral presentation)

**FUNDED TEACHING PROPOSALS**

**(1**) Rivera-Monroe, V., R.V. Rohli, and **M.D. Kaller**. 2016. Energy flux equipment for student fieldwork in coastal and agricultural environments. LSU Student Technology Fee Proposal ($78,984)

**COURSES OFFERED**

**Louisiana State University**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course number** | **Course Title** | **Credit** | **Semester/Year** | **Enrollment** |
| HNRS 1035 | Life Science Seminar | 3 | Spring 2023 | 19 |
|  |  |  | Spring 2024 | 20 |
| HNRS 2010 | Science and Society | 3 | Spring 2025 | 22 |
| RNR 1002 | Issues in Renewable Natural Resource Management | 1 | Spring 2008 | 8 |
|  |  | Fall 2008 | 8 |
|  |  |  | Spring 2009 | 9 |
|  |  | Fall 2012 | 11 |
|  |  |  | Spring 2013 | 6 |
|  |  |  | Fall 2013 | 8 |
|  |  |  | Spring 2014 | 8 |
|  |  |  | Fall 2015 | 12 |
|  |  |  | Spring 2016 | 14 |
|  |  |  | Fall 2017 | 13 |
| RNR 1010/1071 | Introduction to Renewable Natural Resources | 4 | Fall 2025 | 61 |
| RNR 2061 | Problems in Natural Resource Management | 1-4 | Spring 2008 | 1 |
|  |  | Summer 2008 | 1 |
|  |  |  | Fall 2011 | 3 |
|  |  |  | Summer 2012 | 1 |
|  |  |  | Fall 2013 | 4 |
|  |  |  | Spring 2014 | 1 |
|  |  | Spring 2016 | 2 |
|  |  |  | Summer 2016 | 1 |
|  |  |  | Fall 2017 | 2 |
|  |  |  | Spring 2019 | 3 |
| **Course number** | **Course Title** | **Credit** | **Semester/Year** | **Enrollment** |
| RNR 2061 | Continued |  | Fall 2019 | 8 |
|  |  |  | Spring 2020 | 2 |
|  |  |  | Fall 2021 | 1 |
|  |  |  | Spring 2022 | 3 |
|  |  |  | Fall 2022 | 2 |
|  |  |  | Fall 2024 | 1 |
|  |  |  | Fall 2025 | 1 |
| RNR 2063 | Introductory Internship in Natural Resources | 1-4 | Spring 2020 | 3 |
|  |  | Fall 2020 | 2 |
|  |  |  | Fall 2021 | 2 |
|  |  |  | Fall 2022 | 1 |
|  |  |  | Spring 2023 | 1 |
|  |  |  | Fall 2023 | 2 |
|  |  |  | Summer 2025 | 1 |
|  |  |  | Fall 2025 | 1 |
| RNR 3044 | Renewable Natural Resources Field Studies | 1 | Summer 2012 | 1 |
| RNR 4061 | Problems in Natural Resource Management | 1-4 | Spring 2009 | 3 |
|  |  | Fall 2011 | 2 |
|  |  |  | Spring 2012 | 3 |
|  |  |  | Summer 2012 | 4 |
|  |  |  | Fall 2012 | 8 |
|  |  |  | Spring 2013 | 1 |
|  |  |  | Summer 2013 | 1 |
|  |  |  | Fall 2013 | 9 |
|  |  |  | Spring 2014 | 4 |
|  |  |  | Summer 2014 | 2 |
|  |  |  | Fall 2014 | 5 |
|  |  |  | Spring 2015 | 6 |
|  |  |  | Spring 2016 | 2 |
|  |  |  | Fall 2016 | 1 |
|  |  |  | Spring 2017 | 3 |
|  |  |  | Summer 2017 | 1 |
|  |  |  | Fall 2017 | 10 |
|  |  | Spring 2019 | 1 |
|  |  |  | Summer 2019 | 1 |
|  |  |  | Fall 2019 | 5 |
|  |  |  | Spring 2020 | 10 |
|  |  |  | Summer 2020 | 2 |
|  |  |  | Fall 2021 | 4 |
|  |  |  | Spring 2022 | 11 |
|  |  |  | Fall 2022 | 8 |
|  |  |  | Spring 2023 | 6 |
|  |  |  | Summer 2023 | 1 |
|  |  |  | Fall 2023 | 3 |
|  |  |  | Spring 2024 | 9 |
|  |  |  | Summer 2024 | 4 |
|  |  |  | Fall 2024 | 4 |
|  |  |  | Spring 2025 | 8 |
| **Course number** | **Course Title** | **Credit** | **Semester/Year** | **Enrollment** |
| RNR 4061 | Continued |  | Fall 2025 | 5 |
| RNR 4062 | Aquatic Entomology (Special Topic) | 4 | Spring 2016 | 4 |
|  |  |  |  |  |
| RNR 4063 | Internship in Renewable Natural Resources | 1-4 | Summer 2015 | 3 |
|  |  | Fall 2015 | 10 |
|  |  |  |  |  |
|  |  |  | Spring 2016 | 10 |
|  |  |  | Summer 2016 | 7 |
|  |  |  | Fall 2016 | 5 |
|  |  |  | Spring 2017  | 1 |
|  |  |  | Fall 2017 | 4 |
|  |  |  | Spring 2018 | 10 |
|  |  |  | Summer 2018 | 1 |
|  |  |  | Fall 2018 | 5 |
|  |  |  | Spring 2019 | 11 |
|  |  |  | Summer 2019 | 2 |
|  |  |  | Fall 2019 | 2 |
|  |  |  | Spring 2020 | 4 |
|  |  |  | Summer 2020 | 3 |
|  |  |  | Fall 2020 | 3 |
|  |  |  | Spring 2021 | 2 |
|  |  |  | Fall 2021 | 2 |
|  |  |  | Spring 2022 | 7 |
|  |  |  | Fall 2022 | 3 |
|  |  |  | Spring 2023 | 8 |
|  |  |  | Summer 2023 | 3 |
|  |  |  | Fall 2023 | 4 |
|  |  |  | Spring 2024 | 1 |
|  |  |  | Summer 2024 | 1 |
|  |  |  | Fall 2024 | 2 |
|  |  |  | Spring 2025 | 2 |
|  |  |  | Fall 2025 | 5 |
| RNR 4101 | Capstone: Natural Resource Management, Policy, and Human Dimensions | 4 | Spring 2008 | 26 |
|  |  | Spring 2009 | 27 |
|  |  | Spring 2010 | 33 |
|  |  |  | Spring 2011 | 29 |
|  |  | Spring 2012 | 38 |
|  |  | Spring 2013 | 24 |
|  |  |  | Spring 2014 | 28 |
|  |  |  | Spring 2015 | 32 |
|  |  |  | Spring 2016 | 44 |
|  |  |  | Spring 2017 | 41 |
|  |  |  | Spring 2018 | 39 |
|  |  |  | Spring 2019 | 46 |
|  |  |  | Spring 2020 | 53 |
|  |  | Spring 2021 | 33 |
|  |  |  | Spring 2022 | 42 |
|  |  |  | Spring 2023 | 42 |
|  |  |  | Spring 2024 | 51 |
| **Course number** | **Course Title** | **Credit** | **Semester/Year** | **Enrollment** |
| RNR 4101 | Continued |  | Spring 2025 | 41 |
| RNR 4106 | Techniques in Limnology and Fisheries | 2 | Spring 2009 | 6 |
|  |  | Spring 2010 | 5 |
|  |  |  | Spring 2013 | 12 |
|  |  |  | Spring 2015 | 16 |
|  |  |  | Spring 2017 | 13 |
|  |  |  | Spring 2019 | 18 |
|  |  |  | Spring 2021 | 11 |
|  |  |  | Spring 2023 | 18 |
|  |  |  | Spring 2025 | 9 |
| RNR 4107  | Human Dimensions in Natural Resources | 3 | Fall 2006 | 17 |
|  |  | Fall 2007 | 19 |
|  |  |  | Fall 2008 | 24 |
|  |  |  | Fall 2009 | 24 |
|  |  |  | Fall 2010 | 26 |
|  |  |  | Fall 2011 | 15 |
|  |  |  | Fall 2012 | 26 |
|  |  |  | Fall 2013 (2 sections) | 46 |
|  |  |  | Fall 2014(2 sections) | 41 |
|  |  |  | Fall 2015(2 sections) | 51 |
|  |  |  | Fall 2016 | 51 |
|  |  |  | (2 sections) |  |
|  |  |  | Fall 2017 | 53 |
|  |  |  | Fall 2018 | 47 |
|  |  |  | Fall 2019 | 56 |
|  |  |  | Fall 2020 | 44 |
|  |  |  | Fall 2021 | 56 |
|  |  |  | Fall 2022 | 61 |
|  |  |  | Fall 2023 | 53 |
|  |  |  | Fall 2024 | 51 |
|  |  |  | Fall 2025 | 52 |
| ENTM/RNR 4130 | Introduction to Aquatic Entomology | 4 | Spring 2018 | 18 |
|  |  |  | Spring 2020 | 5 |
|  |  |  | Spring 2022 | 17 |
|  | Spring 2024 | 23 |
| RNR 4913 | Introduction to Wildlife Population Dynamics | 4 | Fall 2024 | 21 |
| RNR 7013 | Wildlife Population Dynamics | 492 | Fall 2011 | 15 |
|  |  |  | Fall 2024 | 10 |
| RNR 7029 | Wetlands of the Prairie Pothole Region | 3 | Summer 2013 | 7 |
|  | Wetlands of Pacific Northwest | 4 | Summer 2018 | 8 |
|  | Special Topics in Biostatistics | 3 | Fall 2018 | 4 |
| **Course number** | **Course Title** | **Credit** | **Semester/Year** | **Enrollment** |
|  | FAERT | 1 | Fall 2020 | 8 |
|  | Wildlife Movement Ecology | 4 | Fall 2021 | 2 |
|  | Western Wetlands | 4 | Summer 2022 | 8 |
| RNR 7036 | Advanced Topics in Renewable Natural Resource Biometrics and Management | 3 | Fall 2011 | 6 |
|  |  | Fall 2013 | 6 |
|  |  | Fall 2015 | 12 |
|  |  |  | Fall 2017 | 8 |
|  |  |  | Fall 2019 | 18 |
|  |  |  | Fall 2021 | 6 |
|  |  |  | Fall 2023 | 12 |
|  |  |  | Fall 2025 | 12 |
| ENTM/RNR 7030 | Aquatic Entomology | 4 | Spring 2014 | 3 |
|  |  |  | Spring 2016 | 4 |
|  |  |  | Spring 2018 | 8 |
|  |  |  | Spring 2022 | 2 |
|  |  |  | Spring 2024 | 3 |
| RNR 7070 | Fisheries Seminar | 1 | Fall 2007 | 15 |
|  |  |  | Spring 2009 | 20 |
|  |  |  | Fall 2010 | 7 |
|  |  |  | Fall 2012 | 5 |
|  |  |  | Fall 2018 | 14 |
|  |  |  | Fall 2020 | 6 |
| RNR 7072 | Wildlife Seminar | 1 | Spring 2020 | 3 |
| AGRI 1001 | Introduction to Agriculture | 1 | Fall 2022 | 35 |
|  |  |  | Fall 2023 | 48 |
|  |  |  | Fall 2024 | 44 |
|  |  |  | Fall 2025 | 38 |
| AGRI 2900 | Directed Studies | 1 | Fall 2014 | 7 |
|  |  |  | Spring 2015 | 7 |
|  |  |  | Fall 2015 | 8 |
|  |  |  | Spring 2016 | 9 |
|  | LSU Agriculture in Nicaragua | 2 | Spring 2018 | 7 |
|  | LSU Agriculture in Nicaragua | 2 | Spring 2025 | 10 |
| AGRI 3900 | LSU Agriculture in Costa Rica | 2 | Spring 2019 | 13 |

*TEACHING EVALUATIONS*

*Overall SPOT (Student Perceptions of Teaching – pre-fall 2013) and SETI (Student Evaluation of Teaching Instrument - beginning fall 2013) Scores* (5 point scale: 1 = Strongly Disagree, 2 = Disagree, 3 = Undecided, 4 = Agree, 5 = Strongly Agree)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Course | Semester | Year | Dr. Kaller’s Mean Score of 5 | Department (SRNR) Mean Score of 5 | College of Agriculture Mean Score of 5 |
| RNR 4107 | Fall | 2006 | 4.87 | 4.33 | 4.03 |
| RNR 4107 | Fall | 2007 | 4.51 | 4.25 | 4.03 |
| RNR 1002 | Spring | 2008 | 5.00 | 4.11 | 4.01 |
| RNR 4101 | Spring | 2008 | 3.12 | 4.11 | 4.01 |
| RNR 1002 | Fall | 2008 | 4.66 | 4.20 | 4.07 |
| RNR 4107 | Fall | 2008 | 4.65 | 4.20 | 4.07 |
| RNR 1002 | Spring | 2009 | 4.93 | 4.10 | 4.03 |
| RNR 4101 | Spring | 2009 | 3.61 | 4.10 | 4.03 |
| RNR 4106 | Spring | 2009 | 4.73 | 4.10 | 4.03 |
| RNR 4107 | Fall | 2009 | 4.32 | 4.00 | 4.01 |
| RNR 4101 | Spring | 2010 | 3.71 | 4.24 | 4.06 |
| RNR 4106 | Spring  | 2010 | 4.73 | 4.24 | 4.06 |
| RNR 4107 | Fall | 2010 | 4.68 | 4.25 | 4.15 |
| RNR 7036 | Fall | 2010 | 4.04 | 4.25 | 4.15 |
| RNR 4101 | Spring  | 2011 | 4.09 | 4.01 | 4.08 |
| RNR 4107 | Fall | 2011 | 4.55 | 4.20 | 4.15 |
| RNR 7013 | Fall | 2011 | 4.31 | 4.20 | 4.15 |
| RNR 4101 | Spring  | 2012 | 3.53 | 4.09 | 4.08 |
| RNR 1002 | Fall | 2012 | 4.98 | 4.32 | 4.11 |
| RNR 4107 | Fall | 2012 | 4.32 | 4.32 | 4.11 |
| RNR 4101 | Spring | 2013 | 4.44 | 4.08 | 4.07 |
| RNR 4106 | Spring | 2013 | 4.90 | 4.08 | 4.07 |
| RNR 1002 | Fall | 2013 | 4.40 | 4.42 | 4.22 |
| RNR 4107(001) | Fall | 2013 | 4.78 | 4.42 | 4.22 |
| RNR 4107(002) | Fall | 2013 | 4.70 | 4.42 | 4.22 |
| RNR 7036 | Fall | 2013 | 4.18 | 4.42 | 4.22 |
| RNR 7029 | Fall | 2013 | 4.90 | 4.42 | 4.22 |
| RNR 1002 | Spring | 2014 | 4.62 | 4.36 | 4.15 |
| RNR 4101 | Spring | 2014 | 4.66 | 4.36 | 4.15 |
| RNR 7030 | Spring  | 2014 | 4.90 | 4.36 | 4.15 |
| AGRI 2900 | Spring | 2015 | 4.87 | 4.87 | 4.20 |
| RNR 4101 | Spring | 2015 | 4.53 | 4.40 | 4.20 |
| RNR 4106 | Spring | 2015 | 4.88 | 4.40 | 4.20 |
| RNR 1002 | Fall | 2015 | 4.21 | 4.50 | 4.30 |
| RNR 4107(002) | Fall | 2015 | 4.60 | 4.50 | 4.30 |
| RNR 4107(001) | Fall | 2015 | 4.72 | 4.50 | 4.30 |
| RNR 7036 | Fall | 2015 | 4.38 | 4.50 | 4.30 |
| RNR 4107(002) | Fall | 2015 | 4.60 | 4.50 | 4.30 |
| RNR 4107(001) | Fall | 2015 | 4.72 | 4.50 | 4.30 |
| RNR 7036 | Fall | 2015 | 4.38 | 4.50 | 4.30 |
| RNR 1002 | Spring | 2016 | 4.88 | 4.38 | 4.12 |
| RNR 4062 | Spring | 2016 | 5.00 | 4.38 | 4.12 |
| Course | Semester | Year | Dr. Kaller’s Mean Score of 5 | Department (SRNR) Mean Score of 5 | College of Agriculture Mean Score of 5 |
| RNR 4101 | Spring | 2016 | 4.51 | 4.38 | 4.12 |
| RNR 7030 | Spring | 2016 | 4.39 | 4.38 | 4.12 |
| RNR 1002 | Fall | 2016 | 4.68 | 4.41 | 4.30 |
| RNR 4107(001) | Fall | 2016 | 4.76 | 4.41 | 4.30 |
| RNR 4107(002) | Fall | 2016 | 4.73 | 4.41 | 4.30 |
| RNR 4101 | Spring | 2017 | 4.45 | 4.40 | 4.20 |
| RNR 4107 | Fall | 2017 | 4.90 | 4.36 | 4.29 |
| RNR 7036 | Fall | 2017 | 4.88 | 4.36 | 4.29 |
| ENTM 4130 | Spring | 2018 | 5.00 | 4.73 | 4.27 |
| RNR 4130 | Spring | 2018 | 4.32 | 4.37 | 4.27 |
| RNR 4101 | Spring | 2018 | 3.95 | 4.37 | 4.27 |
| RNR 7030 | Spring | 2018 | 4.25 | 4.37 | 4.27 |
| RNR 4107 | Fall | 2018 | 4.61 | 4.49 | 4.48 |
| RNR 7070 | Fall | 2018 | 4.57 | 4.49 | 4.48 |
| RNR 4101 | Spring | 2019 | 4.33 | 4.49 | 4.45 |
| RNR 4106 | Spring | 2019 | 4.72 | 4.49 | 4.45 |
| RNR 4107 | Fall | 2019 | 4.33 | 4.49 | 4.45 |
| RNR 7036 | Fall | 2019 | 4.72 | 4.49 | 4.45 |
| RNR 4101 | Spring  | 2020 | 4.32 | 4.48 | 4.46 |
| ENTM 7030 | Spring | 2020 | 4.50 | 4.53 | 4.46 |
| RNR 7072 | Spring | 2020 | 5.00 | 4.48 | 4.46 |
| RNR 4107 | Fall | 2020 | 4.65 | 4.38 | 4.46 |
| RNR 4101 | Spring | 2021 | 4.62 | 4.38 | 4.41 |
| RNR 4106 | Spring | 2021 | 4.74 | 4.38 | 4.41 |
| RNR 4061 | Fall | 2021 | 5.00 | 4.45 | 4.47 |
| RNR 4107 | Fall | 2021 | 4.84 | 4.45 | 4.47 |
| RNR 7036 | Fall | 2021 | 4.92 | 4.45 | 4.47 |
| ENTM 4130 | Spring  | 2022 | 4.22 | 4.71 | 4.46 |
| RNR 4130 | Spring | 2022 | 4.89 | 4.71 | 4.46 |
| RNR 4101 | Spring  | 2022 | 4.73 | 4.64 | 4.46 |
| AGRI 1001 | Fall | 2022 | 5.00 | 4.73 | 4.48 |
| RNR 4107 | Fall | 2022 | 4.82 | 4.46 | 4.48 |
| HNRS 2000 | Spring  | 2023 | 4.80 | 4.70 | 4.70 |
| RNR 4101 | Spring | 2023 | 4.71 | 4.44 | 4.48 |
| RNR 4106 | Spring  | 2023 | 4.78 | 4.44 | 4.48 |
| AGRI 1001 | Fall | 2023 | 4.98 | 4.82 | 4.50 |
| RNR 4107 | Fall | 2023 | 4.61 | 4.42 | 4.50 |
| RNR 7036 | Fall  | 2023 | 5.00 | 4.42 | 4.50 |
| HNRS 1035 | Spring  | 2024 | 5.00 | 4.70 | 4.70 |
| RNR 4101 | Spring | 2024 | 4.68 | 4.47 | 4.53 |
| RNR 4130 | Spring | 2024 | 4.97 | 4.47 | 4.53 |
| RNR 1002 = Issues in Natural Resources Management, RNR 4062 = Special Topics (Aquatic Entomology), RNR 4101 = Capstone: Natural Resource Management, Policy, and Human Dimensions, RNR 4106 = Techniques in Limnology and Fisheries, RNR 4107 = Human Dimensions of Natural Resources, ENTM/RNR 4130 = Introduction to Aquatic Entomology, RNR 7030 = Aquatic Entomology, RNR 7036 = Advanced Topics in Natural Resource Biometrics and Management, RNR 7070 = Fisheries Seminar, RNR 7072= Wildlife Seminar, AGRI 2900=Directed Studies |

**OTHER LOUISIANA STATE UNIVERSITY TEACHING EXPERIENCE**

**Graduate Teaching Assistant** *August 2003 – May 2004*

**RNR 4040 - Fisheries Management**

**RNR 4145 - Ichthyology**

**West Virginia University, Morgantown**

**Graduate Teaching Assistant** *August 1999 – May 2000*

**BIO 3 and BIO 4** *August 1998 – May 1999*

**Honors and special recognition for teaching accomplishments**

**Sigma Alpha Sorority – Associate Member (Faculty Adviser),** 2023

**Agriculture Student Association Adviser of the Year,** 2022

**Sedberry Award for Outstanding Undergraduate Teaching,** 2018

**Tiger Athletic Foundation College of Agriculture Teacher of the Year – Assistant Professor,** 2013

**Gamma Sigma Delta Teaching Certificate of Merit Award,** 2012, 2013, 2014, 2015, 2017, 2021.

**New Course and Curriculum Development**

**AGRI 2900/3900 – LSU Agriculture in Nicaragua (2018) Costa Rica (2019)** – This international study program was developed with Dr. Kristin Stair to introduce students to studying and working internationally. The goal was to provide a highly structured and convenient program to encourage students to pursue further international experiences. The course was converted from a graduate experience to a 1st year student experience with learning objectives and programming in production agriculture, natural resources, and sustainability. This course addressed strategic goals in the College of Agriculture.

**ENTM/RNR 4130, Introduction to Aquatic Entomology** – After developing ENTM/RNR 7030, undergraduate students requested a similar course. This course covers the phylogeny and systematics, as well as, ecology and economic importance of aquatic insects. The course is designed to have a lecture and laboratory format. The course is divided into approximately eight weeks of phylogeny and systematics and approximately eight weeks of ecology and economic impacts. This course address strategic plan goals for the Department of Entomology to increase offerings and School of Renewable Natural Resources to offer courses in faculty areas of specialty

**ENTM/RNR 7030, Aquatic Entomology** – In the summer and fall of 2011, Chris Carlton of the Department of Entomology and I developed a new graduate level course in aquatic entomology. This course covers the phylogeny and systematics, as well as, ecology and economic importance of aquatic insects. The course is designed to have a lecture and laboratory format. The course is divided into approximately eight weeks of phylogeny and systematics and approximately eight weeks of ecology and economic impacts. This course address strategic plan goals for the Department of Entomology to increase graduate level offerings and School of Renewable Natural Resources to offer courses in faculty areas of specialty.

**Wildlife Habitat Conservation and Management Area of Concentration within the B.S. in Natural Resource Ecology and Management** – During the winter of 2010-2011, I participated in an *ad hoc* faculty committee consisting of myself, Dr. Jim Chambers, and Dr. Thomas Dean to overhaul and replace the Natural Resource Conservation Area of Concentration (AOC). As a faculty, we recognized the confusing similarity between the Natural Resource Conservation AOC in the School of Renewable Natural Resources and the Resource Conservation AOC in the School of Plant, Environmental, and Soil Science. Further, many state and federal agency and environmental consulting opportunities have evolved for persons trained and experience in habitat manipulation for wildlife purposes. Therefore, we created this new curriculum to better clarify the differences between our AOC with the Resource Conservation AOC and prepare our students for career opportunities. I completed the Course and Curricula Committee forms and justification and presented the new AOC to the College of Agriculture Courses and Faculty Senate Courses and Curriculum Committees.

**Revision of Existing Courses and Curriculum**

**RNR 4101, Capstone: Natural Resource Management, Policy, and Human Dimensions –** I joined the faculty team for this course in 2008. The first modification was to certify the course as a Communication Intensive Course – Written and Spoken with LSU’s Communication Across the Curriculum (CxC) in 2011. In 2012, the second modification was to add “Human Dimensions” to the title and revise the catalog description to better reflect the integration of people management into the course that began in 2009.

**RNR 4106, Techniques in Limnology and Fisheries –** I assumed responsibility in 2008. This course was created 2004 in the newly formed B.S. in Natural Resource Ecology and Management. The course was the 1-hour laboratory removed from RNR 4025, Limnology, and RNR 4040, Fisheries Management. The course was not taught until I offered the course in 2009. The course consists of one day of laboratory where theory or a technique is presented with a short activity. The second meeting of the week is a full time laboratory or field activity based on the theory or technique.

**RNR 4107, Human Dimensions of Natural Resources –** I assumed responsibility for this class in 2006. I overhauled and modified the course in summer 2010 to certify the course as a Communication Intensive Course – Written and Spoken with LSU’s Communication Across the Curriculum (CxC). In summer 2011, I modified the course to include discipline-specific software, Qualtrics, and web design, and the course was offered as a Communication Intensive – Visual and Technical course. As of spring 2012, RNR 4107 is one of only 21 Communication Intensive - Visual and Technical courses on campus.

**RNR 7013, Wildlife Population Dynamics** – I assumed responsibility for this course in 2011. Previously, course content focused on life tables, matrix population modeling, and band return analysis. I retained matrix-based populations modeling and added nonlinear regression, Markov Chain-Monte Carlo population modeling methods, Bayesian population modeling methods, survival analysis, and state space models. The course is primarily interactive lecture based on computer software; however, I added a large virtual population sampling project to increase application.

**RNR 7036, Advanced Topics in Renewable Natural Resources Biometrics and Management** – This course was previously titled Advanced Topics in Forest Biometrics. In response to the broader research interest of graduate students in the School, I revised this course along with Dr. Richard Keim. We added more wildlife, fisheries, and hydrology oriented content and an emphasis on common data analysis theory and procedures that cross disciplines. We structured the course into eight weeks of prepared lectures on topics such as objective functions, generalized linear models, and ordination that were applicable across disciplines. The other eight weeks were student lectures on topics selected by the students and faculty.

**B.S. in Natural Resource Ecology and Management** – During 2010-2011, I participated in a major revision to the curriculum in the B.S. in Natural Resource Ecology and Management (NREM). As a faculty, we recognized that in the eight years since the inception of the B.S. in NREM, several important changes had occurred. Students in the B.S. in NREM program were seeking advanced degrees in greater numbers, and these future degree seeking students were a greater proportion of enrollment. Additionally, the various professional societies (e.g., the American Fisheries Society, The Society of Wetland Scientists, and The Wildlife Society) that certify graduates of the B.S. in NREM had modified their certification requirements. Several strategic changes were made to the core curriculum to address courses expected by graduate and professional programs, as well as, courses required or recommended for certification. My role included researching all certification requirements, recommending course additions and deletions, preparing Course and Curriculum Committee forms, writing justifications, and written and oral defense of credit hours exceeding 120 hours to the Faculty Senate Course and Curriculum Committee and the Board of Regents (written arguments only).

During 2013, the Louisiana Board of Regents ordered the incorporation of the B.S. in Forestry into the B.S. in Natural Resources Ecology and Management. The restructuring required the realignment of all 9 areas of concentration in both B.S. programs and the core curriculum. Former core courses from the B.S. in Forestry were moved into 3 concentrations to ensure that students could becoming Society of American Foresters certified foresters and continue program accreditation. Former core courses of the B.S. in Natural Resource Ecology and Management were moved to the other 6 concentrations to continue the possibility of professional certification by the American Fisheries Society, The Society of Wetland Scientists, and The Wildlife Society.

**Comprehensive Academic Tracking for B.S. in Forest Management and B.S. in Natural Resource Ecology and Management** – Comprehensive Academic Tracking (CATS) is a Louisiana State University A&M program to increase graduate four- and five-year rates. Critical courses (hereafter milestones) or GPA values are selected by departments for each program that students must complete by a selected semester. Failure to complete milestones by the designated semester on two occasions is interpreted to suggest that the student is unsuited to the major and should be directed to another major. When I assumed responsibility as Program Coordinator for B.S. in Forest Management and B.S. in Natural Resource Ecology and Management, CATS was being implemented for its first university-wide application. My role includes evaluation of the selected milestones annually. In 2011, assessment of the milestones suggested too many milestones were present, and students had difficulty enrolling in all the milestones, specifically Honors and Residence Hall students. Several milestones were removed or moved to later semesters to not prohibit Honors and Residence Hall students from participating in the programs. In 2012, milestones were again moved and reduced because Honors and Residence Hall students continued to have difficulty scheduling milestones.

## SERVICE

**EXTERNAL ADVISORY COMMITTEES**

Program reviewer for **B.S. Natural Resource Conservation and Management for Western Carolina University**.

Advisor to the **Board on Natural Resources and Board of Ocean, Atmosphere, and Climate of the Association of Public and Land Grant Universities**.

Peer reviewer for **U.S. Fish and Wildlife Service Species Status Assessment for two east Texas Mussels: Louisiana Pigtoe and Texas Heelsplitter**

Peer reviewer for **U.S. Fish and Wildlife Service Species Status Assessment Louisiana Pearlshell Mussel**

Peer reviewer for **U.S. Department of Interior Office of Surface Mining, Reclamation, and Enforcement** assessment document for ridgetop mining assessment.

Peer reviewer for **Florida Department of Environmental Protection** **Peer Review Committee for Derivation of Dissolved Oxygen Criteria to Protect Aquatic Life in Florida’s Fresh and Marine Waters.**

**EXTERNAL PROMOTION AND TENURE**

Promotion and Tenure to Full Professor, Montana State University (2024)

Promotion and Tenure to Associate Professor, Arizona State University (2024)

Promotion and Tenure to Associate Professor, Clemson University (2023)

Promotion to Full Professor, Texas A&M University – Corpus Christi (2023)

**UNIVERSITY-WIDE AND COLLEGE-LEVEL**

**Member,**  Faculty Senate Courses and Curriculum Committee (2023-present)

 Faculty Senate Globalization Committee (2023-present)

**Faculty Advisor**, Sigma Alpha, Zeta Chapter (2015-present)

 Birding/Bird Enthusiast Club (2019-present)

 Aquatic Ecology/Aquaculture and Fisheries Club (2006-2011, 2021-present)

 Student Sierra Coalition (2015-2018)

 Trans Advocates at LSU (2024-2025)

 Pre-Vet Club (2024-present)

**GRACE (formerly Lighthouse) Advocate for Survivors of Domestic and Sexual Violence** (2017-present)

|  |  |
| --- | --- |
| *Louisiana State University* |  |
| Faculty Senate Courses and Curriculum Committee | (Chair, 2024-present, member 2023-present) |
| Faculty Senate Globalization Committee | (Member 2023-present) |
|  |  |
|  |  |
|  |  |
| *School of Renewable Natural Resources* |  |
| Recruiting Committee | (Chair, 2011-present, member 2007-2011) |
| Scholarship and Awards Committee | (Chair, 2011-present, member 2007-2011) |
| Outreach/Communications Committee | (member 2010-present) |
| Research Committee | (member 2010-present) |
| Web Page Committee | (member 2010-present) |
| Seminar and Lecture Committee | (member 2007-2017) |
| Strategic Direction Committee | (member 2009) |
| Facility Modification Committee | (member 2008-2010) |
|  |  |
| *College of Agriculture* |  |
| Courses and Curricula Committee | (Chair 2012-2016, member 2011-2019) |
| Scholarship Committee | (member 2015-2023) |
| Dean’s Policy Committee | (Chair 2021-2022, member 2021-2023) |
|  |  |
| *Louisiana State University Agricultural Center* |  |
| Wildlife and Fisheries ACE  | (Co-leader, 2010-2016) |
| Communications Committee | (member 2010-2013) |
|  |  |
|  |  |

*Faculty Promotion and Tenure Mentoring Committee*

Member, Jeff Plumlee, School of Renewable Natural Resources (2024-present)

Member, Garrett Hopper, School of Renewable Natural Resources (2024-present)

Chair, Kevin Ringelman, School of Renewable Natural Resources (2015-present)

Member, JC Bunch, Department of Agricultural Education, Extension, and Evaluation (2015-2016)

Member, Joey Blackburn, Department of Agricultural Education, Extension, and Evaluation (2016-2022)

Member, Bebe Gao, Department of Experimental Statistics (2023)

Member, Wei Xu, Aquaculture Research Station (2015-2017)

*Faculty/Instructor Search Committee*

Chair, Natural Resource Conservation Instructor Position (2024-2025)

Chair, Fisheries and Aquaculture Science (2021-2022)

Chair, Plant Science Instructor Position (2017)

Chair, Natural Resource Conservation Instructor Position (2018)

Member, Aquaculture/Fisheries (2024-2025)

Member, Fisheries Extension (2021-2022)

Member, Wildlife Management Faculty Position (2012-2013)

Member, Waterfowl Management Faculty Position (2013-2014)

Member, Policy/Human Dimensions of Natural Resources Faculty Position (2003-2004)

**GRADUATE COMMITTEES**

|  |  |  |
| --- | --- | --- |
| **Student** | **School or Department** | **Graduation Date** |
| **Major Professor or Co-Major Professor (M.S. Degree)** |
| Joseph Brown | School of Renewable Natural Resources | August 2024 |
| William Budnick | School of Renewable Natural Resources | May 2015 |
| Kristy (Durham) Capelle | School of Renewable Natural Resources | May 2017 |
| A. Henry Gasperecz | School of Renewable Natural Resources | Expected May 2025 |
| Melissa A. (Fries) Gray | School of Renewable Natural Resources | May 2010 |
| Samantha Lott | School of Renewable Natural Resources | December 2015 |
| Bailey Pentz | School of Renewable Natural Resources | Expected Dec 2025 |
| Catherine Reuter | School of Renewable Natural Resources | December 2015 |
| William Sheftall IV | School of Renewable Natural Resources | May 2011 |
| Michael Sullivan | School of Renewable Natural Resources | December 2021 |
| Patricia (Shorter) Wooden | Department of Entomology | December 2019 |
| Alexandra M. (Fitzgerald) Trumbo | School of Renewable Natural Resources | December 2012 |
| Ivan Vargas-Lopez | School of Renewable Natural Resources | May 2018 |
| **Major Professor or Co-Major Professor (Ph.D. Degree)** |  |
| Catherine E. Murphy | School of Renewable Natural Resources | May 2017 |
| Lucien Laborde Jr. | School of Renewable Natural Resources | December 2014 |
| Oliver Ljustina | School of Renewable Natural Resources | Expected May 2027 |
| Erin E. Thayer | School of Renewable Natural Resources | December 2022 |
| Charles Wahl | School of Renewable Natural Resources | May 2021 |
| **Minor Professor (M.S. Degree)** |
| Catherine E. Murphy | Department of Experimental Statistics | May 2014 |
| **Committee Member for M.S. Students** |
| A. Nikki Anderson | School of Renewable Natural Resources | May 2014 |
| Chad Argabright | School of Renewable Natural Resources | May 2023 |
| Jennifer (Andry) Einzig | Interdepartmental Master of Natural Science Program | May 2011 |
| Jesse A. Bahm | School of Renewable Natural Resources | December 2007 |
| Lauren Bonatakis | School of Renewable Natural Resources | December 2020 |
| Steve Beck | School of Renewable Natural Resources | December 2011 |
| Jacob Boone | School of Renewable Natural Resources | DNF |
| **Student** | **School or Department** | **Graduation Date** |
| Sinéad Borchert | School of Renewable Natural Resources | August 2015 |
| Marisa Brennan | School of Renewable Natural Resources | December 2023 |
| Matt Brooks | School of Renewable Natural Resources | December 2009 |
| Charles Brown | School of Renewable Natural Resources | May 2011 |
| Thu Bui | School of Renewable Natural Resources | DNF |
| Lyric Buxton | Department of Oceanography and Coastal Sciences | DNF |
| Michael Buxton | School of Renewable Natural Resources | August 2013 |
| Brendan Caillouet | School of Renewable Natural Resources | August 2015 |
| Madeline Chura | Department of Entomology | May 2019 |
| Heather Cizek | Department of Plant Pathology and Crop Physiology | December 2021 |
| ElizaBeth Clowes | School of Renewable Natural Resources | May 2016 |
| Darius Davis | Department of Entomology | Left Committee |
| Emma DeLeon | School of Renewable Natural Resources | August 2012 |
| Kasie Dugas | School of Renewable Natural Resources | December 2018 |
| Jake Duhe | School of Renewable Natural Resources | August 2025 |
| Victoria Drake | School of Renewable Natural Resources | December 2024 |
| Madison Kuczek | School of Renewable Natural Resources | Expected May 2026 |
| Kayla D. Kimmel | School of Renewable Natural Resources | December 2009 |
| Jacob Fetterman | School of Renewable Natural Resources | August 2019 |
| Cullen Foley | School of Renewable Natural Resources | August 2015 |
| Ahmed Gad | Department of Oceanography and Coastal Sciences | May 2020 |
| Michael Gamble | School of Renewable Natural Resources | August 2024 |
| C. Ann Gerald | School of Renewable Natural Resources | December 2010 |
| Abigail Greer | Department of Agricultural, Education, Extension, and Evaluation | December 2022 |
| Scott Harlamert | School of Renewable Natural Resources | DNF |
| Sarah Hamilton | School of Renewable Natural Resources | August 2014 |
| Balwinder Kaur | Department of Entomology | May 2018 |
| Derrick Klimesh | School of Renewable Natural Resources | May 2011 |
| Christina Leglu | School of Renewable Natural Resources | May 2012 |
| Julian Lucero | Department of Entomology | December 2021 |
| Zachary Martin | Division of Aquaculture, Kentucky State University | May 2014 |
| Alonda McCarty | School of Renewable Natural Resources | December 2015 |
| Brett A. Miller | School of Renewable Natural Resources | August 2013 |
| Katie Miranda | School of Renewable Natural Resources | Expected Dec 2025 |
| Nathan Mercer | Department of Entomology | May 2015 |
| Devon Oliver | School of Renewable Natural Resources | December 2012 |
| Falyn Owens | School of Renewable Natural Resources | December 2011 |
| Barcley Pace | School of Renewable Natural Resources | May 2016 |
| Korey Pham | Department of Entomology | August 2023 |
| Amanda Popovich | School of Renewable Natural Resources | May 2022 |
| Nancy Raginski | School of Renewable Natural Resources | August 2021 |
| Mackenzie Richards | School of Renewable Natural Resources | December 2018 |
| Karis Ritenour | School of Renewable Natural Resources | August 2019 |
| Meghan Roberts | Department of Oceanography and Coastal Sciences | DNF |
| Patrick Smith | Department of Earth and Environmental Science, University of New Orleans | May 2012 |
| Olivia Soler | Department of Agricultural, Education, Extension, and Evaluation | August 2019 |
| Corinne (Tanner) Bird | School of Renewable Natural Resources | August 2017 |
| Jose Vazquez | School of Renewable Natural Resources | May 2013 |
| Brian Ward | School of Renewable Natural Resources | August 2009 |
| Rachel Villani | School of Renewable Natural Resources | May 2010 |
| Colleen Walsh | School of Renewable Natural Resources | May 2021 |
| Carlos Wiggins | Department of Entomology | May 2021 |
| Patrick Wightman | School of Renewable Natural Resources | December 2017 |
| Angela Williamson | Department of Earth and Environmental Science, University of New Orleans | DNF |
| **Committee Member for Ph.D. Students** |
| Dylan Bakner | School of Renewable Natural Resources | December 2023 |
| Melanie Bean(Dean’s Rep) | Department of Geography and Anthropology | May 2023 |
| Christopher Bonvillain | School of Renewable Natural Resources | August 2012 |
| Charles Brown | Department of Biological Sciences | May 2020 |
| John Cochran | School of Renewable Natural Resources | DNF |
| Wes Daniel | Department of Biological Sciences | May 2012 |
| Daleth daSilva | Department of Biological Sciences | Left committee |
| Hugo Gee | School of Renewable Natural Resources | May 2012 |
| Audrey Grismore (Dean’s Rep) | Department of Geography and Anthropology | December 2018 |
| Chelsea Hess | Department of Biological Sciences | December 2021 |
| Adrienne Ingram | Department of Biological Sciences, University of Arkansas – Fayetteville | DNF |
| Illgoo Kang | Department of Entomology | May 2022 |
| Steve Kelly | Department of Education, Theory, and Practice | December 2011 |
| Brittany Owens | Department of Entomology | May 2020 |
| Brad Pickens | School of Renewable Natural Resources | August 2012 |
| Matt Pieron | School of Renewable Natural Resources | May 2010 |
| Patty Rodrigues | School of Renewable Natural Resources | August 2024 |
| Cameron Rutt | School of Renewable Natural Resources | May 2020 |
| Kelcee Smith | School of Renewable Natural Resources | August 2021 |
| Patrick Smith | Department of Earth and Environmental Science, University of New Orleans | Aug 2015 |
| Kamela Gallardo | School of Renewable Natural Resources | May 2022 |
| Timothy Toavs | Department of Oceanography and Coastal Sciences | Expected May 2025 |
| Christian Walker | Department of Oceanography and Coastal Sciences | Expected May 2025 |
| C. Rose Wayne | Department of Biological Sciences | August 2023 |
| (Dean’s Rep) |  |  |
| Matt Zink | Department of Oceanography and Coastal Sciences | Expected May 2025 |

*Summary of Undergraduate Student Advising*

|  |  |  |  |
| --- | --- | --- | --- |
| Year | Number of Students Advised | Year | Number of Students Advised |
| 2007-2008 | 19 | 2016-2017 | 293 |
| 2008-2009 | 27 | 2017-2018 | 296 |
| 2009-2010 | 28 | 2018-2019 | 282 |
| 2010-2011 | 34 | 2019-2020 | 289 |
| 2011-2012 | 186 | 2020-2021 | 279 |
| 2012-2013 | 220 | 2021-2022 | 281 |
| 2013-2014 | 240 | 2022-2023 | 293 |
| 2014-2015 | 263 | 2023-2024 | 290 |
| 2015-2016 | 294 |  |  |

**UNDERGRADUATE RESEARCH AND ADVISING**

As program coordinator, I have been extensively involved in student recruiting participating in formal recruiting for Kick-off LSU, SPIN, and summer Info Fairs. As well, I have been involved with informal recruiting events, including meeting with potential incoming and transfer students.

*Summary of Student Recruiting*

|  |  |  |
| --- | --- | --- |
|  Year | Formal Recruiting Events | Informal Recruiting Contacts |
| 2007-2008 | 3 | 2 |
| 2008-2009 | 3 | 3 |
| 2009-2010 | 5 | 6 |
| 2010-2011 | 28 | 20 |
| 2011-2012 | 35 | 24 |
| 2012-2013 | 36 | 21 |
| 2013-2014 | 16 | 19 |
| 2014-2015 | 22 | 63 |
| 2015-2016 | 24 | 89 |
| 2016-2017 | 25 | 103 |
| 2017-2018 | 43 | 107 |
| 2018-2019 | 20 | 51 |
| 2019-2020 | 20 | 66 |
| 2020-2021 | 12 | 31 |
| 2021-2022 | 30 | 76 |
| 2022-2023 | 24 | 72 |

**Undergraduate Research Adviser or Co-Adviser**

|  |  |  |  |
| --- | --- | --- | --- |
| **Student** | **Role** | **School or Department** | **Graduation Date** |
| **Undergraduate Honors Thesis**  |  |  |  |
| Madeleine Guess | Chair | Renewable Natural Resources  | 2025 |
| Alexia Lagrone | Chair | Renewable Natural Resources  | 2022 |
| Kira Cates | Chair | Renewable Natural Resources  | 2022 |
| Madelyn Smith | Chair | Renewable Natural Resources | 2019 |
| Sarah Thomas | Chair | Renewable Natural Resources | 2019 |
| Chelsea Romph | Chair | Renewable Natural Resources | 2019 |
| Lillian Miller | Chair | Renewable Natural Resources | 2016 |
| James Hebert | Chair | Renewable Natural Resources | 2015 |
| Rachel Tessier | Chair | Renewable Natural Resources | 2014 |
| Natalie Lafont | Chair | Renewable Natural Resources | DNF |
| Josef Schuster | Chair | Renewable Natural Resources | DNF |
| Rosalind Remsen | Chair | Renewable Natural Resources | DNF |
| Emily Munch | Member | Renewable Natural Resources | 2021 |
| Keyla Pruett | Member | Renewable Natural Resources | 2021 |
| Madison Hannan | Member | Animal Sciences | 2018 |
| Jocelyn Miller | Member | Renewable Natural Resources | 2013 |
| Meg Williamson | Member | Renewable Natural Resources | 2009 |
|  |  |  |  |
| **USDA EXPLORE Intern** | **Role** | **School or Department** | **Duration** |
| Elizabeth Sicard | Mentor | Renewable Natural Resources | Summer 2018 |
|  |  |  |  |
| **Presidents Future Leaders in Research** | **Role** | **School or Department** | **Duration** |
| Alexia Lagrone | Mentor | Renewable Natural Resources | 2018-2022 |
|  |  |  |  |
| **A. Wilbert Sons’ Internship in Agriculture and Natural Resource Management** | **Role** | **School or Department** | **Duration** |
| Kathryn Kahil | Mentor | Renewable Natural Resources | 2018-2019 |
|  |  |  |  |
| **LSU College of Agriculture Undergraduate Research Grant** | **Role** | **School or Department** | **Duration** |
| Kenzie Trotter | Mentor | Renewable Natural Resources  | 2022-2023 |
| Melanie Holton | Mentor | Renewable Natural Resources | 2018-2019 |
|  |  |  |  |
| **Independent Undergraduate Research** | **Role** | **School or Department** | **Duration** |
| Madison Eckholdt | Mentor | Renewable Natural Resources | 2024-2025 |
|  |  |  |  |

**Undergraduate Distinguished Communicator (Communication Across the Curriculum - CxC) Adviser**

|  |  |  |
| --- | --- | --- |
| **Student** | **School or Department** | **Graduation Date** |
| Madeleine Gess | Renewable Natural Resources | 2025 |
| Bobbi Laderer | Animal Sciences | 2021 |
| Josef Schuster | Renewable Natural Resources | 2020 |
| Madelyn Smith | Renewable Natural Resources | 2019 |
| Emily Hartdegan | Renewable Natural Resources | 2017 |
| Anna-Claire Ferchaud | Renewable Natural Resources | 2015 |
| Jocelyn Miller | Renewable Natural Resources | 2014 |
| Matthew Wyatt | Renewable Natural Resources | 2013 |
| Mary Johnson | Renewable Natural Resources | 2012 |

**Other Support for Communication Across the Curriculum (CxC) at LSU**

Lightning round presenter, **Communication Across the Curriculum (CxC) Faculty Summer Institute,** 2019

Facilitated discussion leader, **Communication Across the Curriculum (CxC) Faculty Summer Institute,** 2018

Invited speaker, “Incorporating Technical Communication in the Classroom”, **Communication Across the Curriculum (CxC) Faculty Summer Institute**, 2014.

Invited speaker, “Incorporating Technical Communication in the Classroom”, **Communication Across the Curriculum (CxC) Faculty Summer Institute**, 2013.

Invited participant in **Communication Across the Curriculum (CxC) Faculty Summer Institute**, 2011.

**ACCOMPLISHMENTS OF PAST AND CURRENT STUDENTS**

2022 – **Amanda Popovich**, Poster Presentation, Annual Meeting of the Louisiana Chapter of the American Fisheries Society

2022 – **Lyric Buxton**, Abstract, Annual Meeting of the Louisiana Chapter of the American Fisheries Society

2022 – **Alexia Lagrone -**  LSU Tiger Twelve

2021 – **Erin Thayer** – Oral presentation, Annual Meeting of the Louisiana Chapter of the American Fisheries Society

2021 – **Alexia Lagrone -**  Morris K. Udall Scholarship

2021 – **Alexia Lagrone** - Sigma Alpha National Outstanding Leader

2019 – **Patricia (Shorter) Wooden**, L.D. Newsom Graduate Student Award, LSU Department of Entomology

2019 - **Patricia (Shorter) Wooden** – Oral presentation, Annual Meeting of the Louisiana Chapter of the American Fisheries Society

2019 - **Patricia (Shorter) Wooden** – Oral presentation, Annual Meeting of the Southern Division of the American Fisheries Society

2019 – **Katie Davis** – Barry M. Goldwater Scholarship

2019 – **Katie Davis** – Morris K. Udall Scholarship

2019 – **Madelyn Smith -**  LSU Tiger Twelve

2018 – **Patricia (Shorter) Wooden** – Oral presentation, Annual Entomology Department Graduate Student Symposium

2018 – **William Budnick** – Poster presentation, International Association of Astacology

2018 – **Madelyn Smith** – Morris K. Udall Scholarship

2018 – **McKaila Darden** – Morris K. Udall Scholarship Honorable Mention

2017 – **Ivan Vargas-Lopez** – Abstract competition, Louisiana Chapter of the American Fisheries Society

2017 – **Madelyn Smith** – Morris K. Udall Scholarship

2016 – **Kristy Capelle** – Student presentation competition, Louisiana Association of Professional Biologists Annual Meeting

2016 – **Morgan (Ducote) Rogers** – Poster presentation competition, Louisiana Chapter of the American Fisheries Society Annual Meeting

2016 – **William Budnick** – Oral presentation competition, Louisiana Chapter of the American Fisheries Society Annual Meeting

2014 – **William Budnick** – International Association of Astacology Student Travel Scholarship

2013 – **Brett Miller -** Oral presentation competition, Louisiana Chapter of the American Fisheries Society Annual Meeting

2012 – **Jose Vazquez -** Oral presentation competition, Louisiana Chapter of the American Fisheries Society Annual Meeting

2012 – **Devon Oliver** - Abstract competition, Louisiana Chapter of the American Fisheries Society Annual Meeting

2011 – **William Sheftall IV**– School of Renewable Natural Resources Ben and Pauline Stanley Award Excellence Award for Outstanding Master’s of Science Student

2011 – **William Sheftall IV** Oral presentation competition, Louisiana Chapter of the American Fisheries Society Annual Meeting

2010 – **Melissa (Fries) Gray** - Oral presentation competition, Louisiana Chapter of the American Fisheries Society Annual Meeting

2010 – **Catherine Murphy** – American Fisheries Society John E. Skinner Memorial Award

2010 – **Melissa (Fries) Gray** – School of Renewable Natural Resources Ben and Pauline Stanley Award Excellence Award for Outstanding Master’s of Science Student

2009 – **Melissa (Fries) Gray** - Poster presentation completion, Southern Division of the American Fisheries Society Fall Meeting

2009 – **Melissa (Fries) Gray** – Southern Division of the American Fisheries Society Robert M. Jenkins Scholarship

2009 – **Melissa (Fries) Gray** – Gamma Sigma Delta Outstanding Master’s Student

**COMMUNITY SERVICE AND ADVISING**

**National High School Science Competition (Environmentors) Adviser**

Jeronda Scott (Scotlandville High School) was my advisee in the national Environmentors program in 2010-2011. Jeronda placed 2nd statewide and won an Excellence in Energy Efficiency Scholarship in national competition in Washington, D.C. in May 2011.

**Louisiana Master Naturalist Program**

Co-leader of the Aquatic Ecology course for the Baton Rouge Area (twice annually 2015-2018)

**PROPOSAL AND JOURNAL SERVICE**

**Proposals**

**Proposal Reviewer,** RESTORE ACT NOAA National Marine Fisheries Service

**Proposal Reviewer,** The Coastal Restoration and Enhancement through Science and Technology (CREST) Program

Reviewed eight **McIntire-Stennis** projects for LSU AgCenter.

Reviewed two undergraduate research proposals for the **Texas Academy of Sciences**

**Journals and Books**

**Associate Editor,** *Wetlands* (ISSN 0277-5212) – Manuscript handled 2013-present: 83

**Guest Editor**, *The Southeastern Natura*l*ist* (2009-2010)

**Books Review***,* Fisheries Techniques, 3rd edition.

**Summary of Reviews for Journals**

|  |  |
| --- | --- |
| **Journal** | **Number of Reviews** |
| Animal Biodiversity and Conservation | 1 |
| American Malalogical Bulletin | 1 |
| American Midland Naturalist | 2 |
| Applied Sciences | 1 |
| Aquaculture Environment Interactions | 1 |
| Aquatic Conservation: Marine and Freshwater Systems | 1 |
| Aquatic Ecology | 4 |
| Biology | 1 |
| Ecohydrology | 1 |
| Ecologies | 1 |
| Environmental Management | 2 |
| Environmental Monitoring and Assessment | 4 |
| Fisheries | 1 |
| Fishes | 2 |
| Forest Policy and Economics | 2 |
| Frontiers in Marine Science | 1 |
| Human-Wildlife Interaction | 1 |
| Hydrobiologia | 7 |
| International Journal of Environmental Research and Public Health | 1 |
| International Journal of Pest Management | 2 |
| Journal of the Annual Conference of the SEAFWA | 3 |
| Journal of Coastal Research | 1 |
| Journal of Experimental Botany | 1 |
| Journal of Fish and Wildlife Management | 5 |
| Journal of Open Source Software | 1 |
| North American Journal of Fisheries Management | 1 |
| PeerJ | 2 |
| PLOS One | 2 |
| Restoration Ecology | 2 |
| School Science and Mathematics | 1 |
| Southeastern Naturalist | 4 |
| Sustainability | 1 |
| The Open Conservation Biology Journal | 3 |
| Transactions of the American Fisheries Society | 3 |
| Water | 10 |
| Water, Air, and Soil Pollution | 1 |
| Water Resources Research | 1 |
| Western North American Naturalist | 1 |
| Wetland Ecology and Management | 2 |
| Wetlands | 7 |

**SERVICE TO PROFESSIONAL SOCIETIES**

**Awards Committee Chair,** Southern Division of the American Fisheries Society (2023-present)

**President,** Louisiana Chapter of the American Fisheries Society (2014-2016)

**Meeting Co-Chair**, 37th Annual Meeting of the Louisiana Chapter of the American Fisheries Society, 2016 – Baton Rouge, Louisiana, USA

**Meeting Co-Chair**, 36th Annual Meeting of the Louisiana Chapter of the American Fisheries Society, 2015 – Baton Rouge, Louisiana, USA

**Meeting Co-Chair**, 35th Annual Meeting of the Louisiana Chapter of the American Fisheries Society, 2014 – Thibodaux, Louisiana, USA

**Meeting Co-Chair**, 34th Annual Meeting of the Louisiana Chapter of the American Fisheries Society, 2013 – Baton Rouge, Louisiana, USA

**Poster Program Chair**, 140th Annual Meeting of the American Fisheries Society, 2010 – Pittsburgh, Pennsylvania, USA.

**American Fisheries Society Symposia Co-Chair**, Headwaters at the Nexus I, 2007 – San Francisco, California, USA.

**American Fisheries Society Symposia Co-Chair**, Headwaters at the Nexus II, 2008 – Ottawa, Ontario, Canada.

**American Fisheries Society Symposia Co-Chair**, Headwaters at the Nexus III, 2009 – Nashville, Tennessee, USA.

**Technical Program Chair**, 17th Spring Meeting of the Southern Division of the American

Fisheries Society, 2009 – New Orleans, Louisiana, USA.

**Southern Division of the American Fisheries Society Symposium Chair**, Atchafalaya River Basin, 2009 – New Orleans, Louisiana, USA.

**Program Co-Editor**, 32nd Annual Meeting of the Louisiana Chapter of the American Fisheries Society, 2011 – Baton Rouge, Louisiana, USA.

**Program Editor**, 29th Annual Meeting of the Louisiana Chapter of the American Fisheries Society, 2008 – Baton Rouge, Louisiana, USA.

**Chair, Program Committee,** Southern Division of the American Fisheries Society, 17th Spring Meeting (2008-2009)

**Program Committee**, American Fisheries Society, 140th Annual Meeting (2009-2010)

**Editor,** Abstracts and program, Louisiana Chapter of the American Fisheries Society (2007-2008)

**Organizing Committee,** 31st, 30th, and 29th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (2007-2010)

**Organizing** and **Raffle Committees**, 24th Annual Meeting of the Louisiana Chapter of the American Fisheries Society (January-February 2003)

Southern Division American Fisheries Society **Warmwater Streams Technical Committee** (2006-present)

American Fisheries Society **Hurricane Relief Task Force** (2006)

**Graduate Resources**, North American Benthological Society (2003-2005)

**2005 Annual Meeting Local Arrangements Representative**, North American Benthological Society (2004-2005)

**PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS**

American Fisheries Society (1995-present)

Education Section of the American Fisheries Society (2002-present)

Louisiana Chapter of the American Fisheries Society (2003-present)

Society of Wetland Scientists (2013-present)

Gamma Sigma Delta (2011-2019)

North American Benthological Society (1999-2006)

American Institute of Fisheries Research Biologists (2004-present)

Phi Kappa Phi (2012-present, Vice President 2013-2018)

**PERSONAL AWARDS**

Agricultural Student Association Adviser of the Year (2022)

George William Barineau Jr. Endowed Professorship (2018)

Sedberry Award for Outstanding Undergraduate Teaching (2018)

LSU College of Agriculture Alumni Association Early Career Award (2015)

Tiger Athletic Foundation College of Agriculture Teacher of the Year- Assistant Professor (2013)

Louisiana Chapter of the American Fisheries Society President’s Special Service Award (2012)

Gamma Sigma Delta Teaching Certificate of Merit (2012)

Southern Division American Fisheries Society Meritorious Resolution (2010)

2005 Louisiana State University Distinguished Dissertation Award in Science, Engineering, and Technology Nominee (2006)

Ben and Pauline Stanley Award for Outstanding Doctoral Student (2005)

F. O. Bateman Memorial Travel Grant (2003)

Rockefeller Memorial Wildlife Scholarship (2002-2004)

West Virginia University Dean’s List (1998-2000)

Lake Superior State University Regent’s Distinguished Scholar (1993-1997)

Lake Superior State University Dean’s List (1993, 1995-1997)