

STEVE EDWARD LOCHMANN
CURRICULUM VITAE

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CITIZENSHIP U.S.

EDUCATION Ph.D. in Oceanography from Texas A&M University, College Station, Texas, August 1990. Title of Dissertation: Mechanisms of transport of estuarine related larval fishes and invertebrates through tidal passes of the Texas coast.

M.Sc. in Biological Sciences (Marine Biology emphasis) from the Florida Institute of Technology, Melbourne, Florida, August, 1986. Title of Thesis: Coloration in the trumpetfish, *Aulostomus maculatus*.

B.Sc. in Biology and Chemistry from Valparaiso University, Valparaiso, Indiana, May, 1982.

ACADEMIC POSITIONS AND RESEARCH ACTIVITIES

07/15-present - Assessment Director (half time), University of Arkansas at Pine Bluff, 1200 North University Drive, Mail Slot 4912, Pine Bluff, Arkansas 71601. Design and implement Student Assessment Plan for curricular and co curricular programs across the campus. Contract and launch LiveText, an assessment management system, for conducting rubric based assessments of student learning outcomes, archiving artefacts, and driving continuous program improvement. Construct and analyze 10-year transition point (beginning, middle, exit levels) dataset of assessment data. Conduct longitudinal analyses of temporal trends in assessment data. Use student information data to conduct predictive analytics for persistence and completion to progress milestones. Conduct and analyze alumni surveys. Analyze and interpret assessment data in co curricular programs. Author and present assessment reports at all levels of the campus community.

03/14-present – Professor, Aquaculture/Fisheries Center, University of Arkansas at Pine Bluff. 1200 North University Drive, Mail Slot 4912, Pine Bluff, Arkansas 71601. Teach Ecology of Fishes (graduate), Ichthyology (undergraduate, lecture-based and web-based), Fisheries Management (graduate), Research Methods and Scientific Writing (graduate, co-taught), and Graduate Seminar courses. Graduate Coordinator for the Aquaculture and Fisheries Department. Conduct research on interactions between wild and stocked largemouth bass, crappie, and walleye, population modelling and fisheries management, conservation culture of alligator gar and yellowcheek darter, fish community structure in floodplain wetlands, relation between developmental stress and asymmetry, sunshine bass fingerling production in tanks and ponds, and interactions between fish and avian predators. Responsible for the ichthyology teaching collection, serve as academic advisor, and supervise graduate student theses research. Reviewed manuscripts for North American Journal of Fisheries Management, Transactions of the American Fisheries Society, Aquaculture, and North American Journal of Aquaculture, Hudson River Foundation, and USDA – SBIR.

- 07/00-02/14 – Associate Professor, Aquaculture/Fisheries Center, University of Arkansas at Pine Bluff. 1200 North University Drive, Mail Slot 4912, Pine Bluff, Arkansas 71601. Teach Ecology of Fishes (graduate), Ichthyology (undergraduate, lecture-based and web-based), Fisheries Management (graduate), Research Methods and Scientific Writing (graduate, co-taught), and Graduate Seminar courses. Conduct research on interactions between wild and stocked largemouth bass, crappie, and walleye, population modelling and fisheries management, conservation culture of alligator gar and yellowcheek darter, fish community structure in floodplain wetlands, relation between developmental stress and asymmetry, sunshine bass fingerling production in tanks and ponds, and interactions between fish and avian predators. Responsible for the ichthyology teaching collection, serve as academic advisor, and supervise graduate student theses research. Reviewed manuscripts for Limnology and Oceanography, Canadian Journal of Fisheries and Aquatic Sciences, Marine Ecology Progress Series, North American Journal of Fisheries Management, Transactions of the American Fisheries Society, Aquaculture, and North American Journal of Aquaculture. Hudson River Foundation, and USDA – SBIR.
- 01/97-06/00 - Assistant Professor, Aquaculture/Fisheries Center, University of Arkansas at Pine Bluff. Taught Fisheries Techniques (undergraduate), Fisheries Management (undergraduate and graduate) and Ecology of Fishes (graduate) courses, served as academic advisor, and supervised graduate student theses research. Reviewed manuscripts for Canadian Journal of Fisheries and Aquatic Sciences, Progressive Fish-Culturist. Reviewed proposals for Hudson River Foundation.
- 09/93-12/96 - Research Associate, Aquaculture/Fisheries Center, University of Arkansas at Pine Bluff. Taught Fisheries Techniques course including use of active and passive collecting gear, aging of fish, stomach analyses, electrofishing, data analyses, and fish identification. Conduct research on applied and natural fisheries including age and growth of crappie, aggression in channel catfish, zooplankton abundances in reciprocal-cross hybrid striped bass fry culture ponds, and use of condition as a measure of survival in larval fish populations.
- 01/92-08/93 - Research Associate, Ocean Production Enhancement Network, Department of Oceanography, Dalhousie University, Halifax, Nova Scotia, Canada, B3H 4J1. Collaborated with colleagues from four universities and two government labs during a multidisciplinary study of recruitment of Atlantic cod, conducted laboratory studies of feeding and survival of cod larvae, participated in numerous research cruises in North Atlantic, used a data-assimilative, real-time hydrodynamic model to guide biological sampling effort during a process-oriented study of a larval cohort, analyzed and interpreted lipid class composition of cod larvae. (Supervisor: Chris Taggart 902-494-7144)
- 09/90-12/91 - Postdoctoral Fellowship, Marine Ecosystem Modelling Group, Department of Oceanography, College of Geosciences, Texas A&M University, 3146 TAMU, College Station, TX 77843-3146. Adapted sectional approach of aerosol particle interactions to marine phytoplankton aggregation model, incorporated trophic dynamics into aggregation model, prepared grant proposals, programmed in Fortran, worked in UNIX, MACINTOSH, VMS and DOS environments. (Supervisor: George Jackson 979-845-7211)
- 04/91 - Research Diver, Flower Gardens Research Program, Department of Oceanography, College of Geosciences, Texas A&M University. Participated in assessment of coral growth and reef fish diversity in the Flower Gardens National Marine Sanctuary, used cinetransect techniques.
- 06/89-08/90 - Graduate Assistant, Mississippi/Alabama Marine Ecosystem Study, Department of Oceanography, College of Geosciences, Texas A&M University. Participated in numerous research cruises in Gulf of Mexico to collect biological and geological data, processed benthic and planktonic samples and fish stomach contents, analysed multivariate data sets and prepared preliminary reports for Minerals Management Service.
- 06/87-05/89 - Graduate Assistant, Matagorda Bay Research Project, Department of Oceanography, College of Geosciences, Texas A&M University. Collected zooplankton and environmental data from Texas bays and estuaries using small boats and trawlers, maintained collecting gear and boats, sorted and identified zoo- and ichthyoplankton, conducted statistical analyses and prepared preliminary reports for Texas Parks and Wildlife Department.

09/86-05/87 - Graduate Assistant, Invertebrate Systematic Collection, Department of Oceanography, College of Geosciences, Texas A&M University. Assisted in curating marine invertebrate systematic collection, catalogued acquisitions, organized loans, maintained collection, and presented lectures in introductory course in oceanography.

05/85-07/86 - Research Diver, Master Thesis Project, Department of Biology, Florida Institute of Technology, 150 W. University Blvd., Melbourned, Florida 32901. Conducted collecting trips to West Palm Beach and Florida Keys coral reefs, processed tissue for histological analyses, maintained diving gear and small boats.

03/84, 03/85 - Echinoderm Biologist, SEAMAP Cruises, Department of Biology, Florida Institute of Technology. Participated in two 1-week cruises for the Florida Department of Natural Resources, collected and sorted benthic vertebrates and invertebrates, identified and preserved echinoderms

08/82 - Research Diver, Coral Reef Project, Little Cayman Island, B.W.I. Identified corals and assessed reef diversity using quadrat and transect methods, studied coral colonization on artificial reef, earned P.A.D.I. Research SCUBA diver certification.

PROFESSIONAL SOCIETIES AND ACTIVITIES American Fisheries Society (1993 – present)
AFS – Arkansas Chapter (1996 – present)
AFS – Early Life History Section (1997-present)
AFS - Fish Culture Section (1999 – present)
AFS - Education Section (2001 – present)
Associate Editor, North American Journal of Aquaculture (1998-2000, 2014-2016)
World Aquaculture Society (2006-present)

HONORS AND AWARDS Fish Culture Section AFS President Elect (2016-2018), Arkansas Chapter AFS - Joe Hogan Individual Achievement Award (2016), AFS Fellow (2015), AFS Emmeline Moore Prize (2013), Southern Division AFS John F. Dequine Best Paper Award (2011), Southern Division AFS President (2011-2012), Arkansas Chapter AFS Best Paper (2013, 2006, 2005), Arkansas Chapter AFS President (2001-2002)

SKILLS AND TRAINING LiveText, Blackboard, Microsoft Windows 8, Microsoft Office 2010, SAS, ImagePro, PADI Certified Research Diver

GRANTS/CONTRACTS/AWARDS

Techniques to Improve Calcein Marking of Fish /US Department of Agriculture, CSREES Evans-Allen /5 years/\$30,000

Assessing Arkansas Game and Fish Commission Crappie Stock Enhancements/Arkansas Game and Fish Commission/3 years/\$101,646

Distribution and Abundance of the Strawberry Darter (*Etheostoma fragi*) in the Main Stem and Tributaries of the Strawberry River/Arkansas Game and Fish Commission-State Wildlife Grant Program/3 years/\$65,860

Optimizing Propagation Methods of Larval Yellowcheek Darter *Etheostoma moorei* at the Greens Ferry National Fish Hatchery/US Fish and Wildlife – Ecological Services/1 year/\$10,000 (grant extension)

Optimizing Propagation Methods of Larval Yellowcheek Darter *Etheostoma moorei* at the Greens Ferry National Fish Hatchery/US Fish and Wildlife – Ecological Services/1 year/\$2,500 (grant extension)

Behavior, Drift, and Distribution of Etheostomids/USFWS Ecological Services/1 year/ \$40,000

Techniques for Culturing Alligator Gar/USDA Evans-Allen/5 years/ \$30,000

Optimizing Propagation Methods of Larval Yellowcheek Darter *Etheostoma moorei* at the Greers Ferry National Fish Hatchery/US Fish and Wildlife Service/1 year/\$2,500 (grant extension)

Evaluation of Vegetation Control in Felsenthal National Wildlife Refuge/Arkansas Game and Fish Commission/1.5 years/\$10,000

Improving Reproductive Efficiency of Cultured Finfish, /US Department of Agriculture, SRAC/3 years/\$96,392 (held jointly)

Enhancing Ichthyology Training, Teaching, and Museum Collections/US Department of Agriculture/3 years/\$199,000

Optimizing Propagation Methods of Larval Yellowcheek Darter *Etheostoma moorei* at the Greers Ferry National Fish Hatchery/US Fish and Wildlife Service/2 years/\$8,000

Evaluation of Vegetation Control in Felsenthal National Wildlife Refuge/Friends of Felsenthal/3 years/\$40,000

National Cooperative Fisheries Scholars Program/USGS BRD/5 years/\$750,000 (held jointly)

Integrated Teaching and Experience Learning (INTEL) Laboratory: Creating a High-Tech Learning Environment for Students/US Department of Agriculture CSREES/3 years/\$199,017 (held jointly)

Influence of Stocked Hatchery-Reared Fingerlings on Wild Largemouth Bass Fingerlings and Productivity of Bass in the Arkansas River/Aquaculture/Fisheries Center/3 years/ \$72,125

Improved Techniques for Managing Sunshine Bass Fingerling Production/US Department of Agriculture, CSREES Evans-Allen /5 years/\$30,000

National Cooperative Fisheries Scholars Program/USGS BRD/2 years/\$260,000 (held jointly)

Competence and Confidence: Building Professionals by Building a Museum Collection/US Department of Agriculture/3 years/\$199,734

Stocking Hatchery-Reared Fingerlings to Improve Largemouth Bass Populations in the Arkansas River/Aquaculture-Fisheries Center/3 years/\$71,506

Determination of the Hazards of IMPA to Channel Catfish and Golden Shiners/US Army Research Office/3 years/\$961,000 (held jointly)

Crappie Spawns in Oxbow Lakes in the White River National Wildlife Refuge, Arkansas/USDA ARS/2.5 years/\$46,306

National Cooperative Fisheries Scholars Program/USGS BRD/5 years/\$828,465 (held jointly)

Cormorant Predation on Fish in Chicot County, Arkansas/USDA ARS/2.5 years/\$49,098

Using Information Technology to Improve Recruitment/Retention in Aquaculture/USDA CSREER/2 years/\$156,091 (held jointly)

Supplemental Stocking of Crappie in Lake Chicot, Arkansas/AGFC/4 years/\$52,063

A Pilot Urban and Community Fishing Program for Central and Southeast Arkansas/AGFC & USGS BRD/3 years/\$61,000 (held jointly)

Fisheries Research and Management Careers/USGS BRD/1 year/\$30,000 (held jointly)

Management and Intensive Culture of Hybrid Striped Bass Fingerlings/USDA NRI-CGP/2 years/\$49,772

Use of Natural Zooplankton in the Indoor Culture of Sunshine Bass/USDA Evans-Allen/5 years/\$26,544

Using Spreadsheet Technology to Enhance Teaching Effectiveness and Student Learning in the Fisheries Curriculum/USDA – CSREES Peer Mentoring Project/1 year/\$5,500

Picture – A Proactive Information, Computer Technology Utilization, and Resources Enhancement Project at UAPB/USDA – Agriculture Telecommunications/2 years/\$198,693 (held jointly)

Validation of Techniques for Age and Growth Analysis of Black and White Crappie in Felsenthal National Wildlife Refuge/Arkansas Game and Fish Commission/2 years/\$1,200

BOOK CHAPTERS

Pope, K.L., **S.E. Lochmann**, and M.K. Young. 2010. Methods for assessing and monitoring fish populations. Pages 325-351 in W.A. Hubert and M.C. Quist, editors. Inland fisheries management in North America, 3rd edition. American Fisheries Society, Bethesda, Maryland

PUBLICATIONS

2017

Allen, P.J., A. Haukenes, and **S.E. Lochmann**. Conservation of physiological adaptive capacity in genetically differentiated populations of alligator gar: implications for niche conservatism for persistence of primitive species. *Physiological and Biochemical Zoology* (submitted)

2016

Fernando, A.V., **S.E. Lochmann**, and A.H. Haukenes. 2016. Critical thermal maxima of juvenile alligator gar (*Atractosteus spatula*, Lacepède, 1803) from three Mississippi-drainage populations acclimated to three temperatures. *Journal of Applied Ichthyology* 32:701-705.

Lochmann, S.E., and L.A. Will. Relation Between Grading Frequency and Production Characteristics of Alligator Gar Fingerlings in Tanks. *Arkansas Environmental, Agricultural and Consumer Science Journal* 15-16:16-21.

2015

Lochmann, S.E., C.M. Adelsberger, and J.W. Neal. Movement of Bigmouth Sleeper, *Gobiomorus dormitor*, in the Río Cañas, Puerto Rico, revealed by radio telemetry, and a discussion of the species' amphidromous characterization. *Gulf and Caribbean Research* 26:1-8.

Wright, L.D., J.R. Jackson, and **S.E. Lochmann**. An evaluation of crappie supplemental stocking in Arkansas impoundments. *Journal of the Southeastern Association of Fish and Wildlife Agencies* 2:109-113.

Lochmann, S.E., and K.J. Goodwin. Variability in size traits of Sunshine Bass larvae from different male Striped Bass. *North American Journal of Aquaculture* 77:76-81

2013

Baker, B. W., and **S. E. Lochmann**. A population assessment and minimum length limit evaluation for white bass in the Arkansas River, Arkansas. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 66:6-11.

Eggleton, M. A., B. G. Batten, C. R. Peacock, and **S. E. Lochmann**. Spotted bass population characteristics and

relationships with macrohabitat variables in the Arkansas River, Arkansas. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 66:49-56

Rachels, K. T., G. R. Taylor, B. M. Baumhoer, S. Shrestha, and **S. E. Lochmann**. Pellet-reared largemouth bass competitive ability at various levels of exposure to live forage. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 66:16-19

2012

Lochmann, S. E., K. J. Goodwin, and C. L. Racey. Temperature and maternal effects on hatch rate and length at hatch of hybrid striped bass larvae. North American Journal of Aquaculture 74:283-288.

Neal, J. W., C. M. Adelsberger, and **S. E. Lochmann**. A comparison of larval fish sampling methods for tropical island streams. Marine and Coastal Fisheries 4:23-29.

2010

Eggleton, M.A., B.G. Batten, and **S.E. Lochmann**. Largemouth bass fishery characteristics in the Arkansas River, Arkansas. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 64:160-167.

Horne, J.R., and **S.E. Lochmann**. Mortality, growth, and condition of young-of-year wild largemouth bass following stocking of hatchery-reared advanced-fingerlings into backwaters of the Arkansas River. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 64:179-183.

Lochmann, S.E. Northern Snakehead. Encyclopedia of Arkansas History & Culture (www.encyclopediaofarkansas.net)

Olive, J., L.A. Will, and **S.E. Lochmann**. Grass carp movement and persistence in Felsenthal Reservoir, Arkansas. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 64:154-159.

Port, P.R., J.W. Neal, and **S.E. Lochmann**. Poststocking survival of hybrid striped bass after changes in water hardness and temperature. North American Journal of Aquaculture 72:118-123.

2009

Clark-Kolaks, S.J., J.R. Jackson, and **S.E. Lochmann**. Adult and juvenile paddlefish in floodplain lakes along the lower White River, Arkansas. Wetlands 29:488-496

Ludwig, G.M., and **S.E. Lochmann**. Effect of temperature on larval sunshine bass growth and survival to the fingerling stage. North American Journal of Aquaculture 71:260-266.

Ludwig, G.M., and **S.E. Lochmann**. Tank culture of sunshine bass fingerlings without using rotifers. North American Journal of Aquaculture 71:224-228.

Lochmann, S.E., K.J. Goodwin, and C.L. Racey, and C.C. Green. Variability of egg characteristics among female white bass *Morone chrysops* and the relationship between egg volume and length at hatch of yolk-sac sunshine bass. North American Journal of Aquaculture 71:147-156.

2008

Colvin, N.E., C.L. Racey, and **S.E. Lochmann**. Stocking contribution and growth of largemouth bass stocked at 50 and 100 mm into the Arkansas River. North American Journal of Fisheries Management 28:434-441

Ludwig, G.M., S.D. Rawles, and **S.E. Lochmann**. Effect of rotifer enrichment on sunshine bass *Morone chrysops* x *M. saxatilis* larvae growth and survival and fatty acid composition. *Journal of the World Aquaculture Society* 39:158-173

2007

Clark, S.J., J.R. Jackson, and **S.E. Lochmann**. A comparison of shoreline seines to fyke nets for sampling littoral fish communities in floodplain Lakes. *North American Journal of Fisheries Management* 27:676-680

Fenech, A.S., C.L. Racey, A.A. Radomski, and **S.E. Lochmann**. Potential effects of double-crested cormorants on largemouth bass in Lake Chicot, Arkansas. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 2005 59:303-312

Lochmann, S.E. Fish. *Encyclopedia of Arkansas History & Culture* (www.encyclopediaofarkansas.net).

Lochmann, S.E., K.J. Goodwin, and C.L. Racey. Changes in lipid and fatty acid composition of wild freshwater zooplankton during enrichment and subsequent starvation. *North American Journal of Aquaculture* 69:99-105

Lochmann, S.E., K.J. Goodwin, R.T. Lochmann, N.M. Stone, and T. Clemment. Golden shiner (*Notemigonus crysoleucas*) egg size, lipid, fatty acid, and amino acid composition during a spawning season. *North American Journal of Aquaculture* 69:116-126

Ludwig, G.M., and **S.E. Lochmann**. Effects of tank stocking density on larval sunshine bass growth and survival to the fingerling stage. *North American Journal of Aquaculture* 69:407-412

2006

Carlson, J.M., C.L. Racey, and **S.E. Lochmann**. Evaluation of a crappie length limit on Lake Chicot, Arkansas. *Proceedings of the Annual Conference Of The Southeastern Association of Fish and Wildlife Agencies* 2004:23-29.

Frimpong, E., and **S.E. Lochmann**. An evaluation of the effect of treatments for pond water reuse on zooplankton populations. *North American Journal of Aquaculture* 68:103-109.

Green, C.C., and **S.E. Lochmann**. Fluctuating asymmetry and condition in golden shiner (*Notemigonus crysoleucas*) and channel catfish (*Ictalurus punctatus*) reared in sublethal concentrations of isopropyl methylphosphonic acid. *Environmental Toxicology and Chemistry* 25:58-64.

Heitman, N.E., C.L. Racey, and **S.E. Lochmann**. Stocking contribution and growth of largemouth bass in pools of the Arkansas river. *North American Journal of Fisheries Management* 26:175-179.

2005

Frimpong, E., and **S.E. Lochmann**. Mortality of fish larvae exposed to varying concentrations of cyclopoid copepods. *North American Journal of Aquaculture*. 67:66-71

Green, C.C., and **S.E. Lochmann**. Asymmetry as a measure of embryological stress in golden shiner *Notemigonus crysoleucas*. *North American Journal of Aquaculture*. 67:1-6.

Green, C.C., and **S.E. Lochmann**. Acute toxicity of isopropyl methylphosphonic acid, a breakdown product of sarin, to eggs and fry of golden shiner and channel catfish. *Journal of Toxicology and Environmental Health*. 68:141-149.

2004

Bodary, M.J., N. Stone, **S.E. Lochmann**, and E. Frimpong. Characteristics of central Arkansas baitfish pond

effluents. *Journal of the World Aquaculture Society* 35:489-497

Fenech, A.S., **S. E. Lochmann**, and A.A. Radomski. Seasonal diets of male and female double-crested cormorants from an oxbow lake in Arkansas. *Waterbirds* 27:170-176

Frimpong, E.A., **S.E. Lochmann**, M. Bodary, and N.M. Stone. Suspended solids from baitfish pond effluents in drainage ditches. *Journal of the World Aquaculture Society* 35: 159-166.

2003

Lochmann, S.E., and G.M. Ludwig. Relative triacylglycerol and morphometric measures of condition in sunshine bass fry. *North American Journal of Aquaculture* 65:191-202.

Frimpong, E.A., **S.E. Lochmann**, and N.M. Stone. Application of a methodology for surveying and comparing the prevalence of drainage ditches applied to baitfish farms. *North American Journal of Aquaculture* 65:165-170.

2002

Racey, C.L. and **S.E. Lochmann**. An evaluation of stocking crappie in Lake Chicot, Arkansas. *North American Journal of Fisheries Management* 22:709-715.

2000

Ludwig, G.M., and **S.E. Lochmann**. Culture of sunshine bass, *Morone chrysops* X *M. saxatilis*, fry in tanks with zooplankton cropped from ponds with a drum filter. *Journal of Applied Aquaculture* 10: 11-26.

McNulty, E., N. Stone, and **S. E. Lochmann**. Effect of winter feeding rate, feed form, and trigger temperature on yield and condition of golden shiners. *North American Journal of Aquaculture* 10: 69-82.

Valderrama, D. **S.E. Lochmann**, M. Jackson. Predation of cyclopoid copepods on sunshine bass fry. *North American Journal of Aquaculture* 62: 144-148.

Drinkwater, K., **S. Lochmann**, C. Taggart, K. Thompson, K. Frank, and J. McRuer. Entrainment of redfish (*Sebastes* sp.) larvae off the Scotian shelf. *ICES Journal of Marine Science*, 57: 372-382

1998

Lochmann, S.E., P.W. Perschbacher, G.E. Merry, and N. Fijan. Aggressive biting among channel catfish in pool studies. *Progressive Fish-Culturist* 60: 119-126.

1997

McLaren, I.A., P. Avendano, C.T. Taggart, and **S. E. Lochmann**. Feeding by larval cod in different water-masses on Western Bank, Scotian Shelf. *Fisheries Oceanography*. 6: 250-265.

Lochmann, S.E., C.T. Taggart, DA. Griffin, KR. Thompson, G.A. Maillet. Abundance and condition of larval cod (*Gads morhua*) at a convergent front on Western Bank, Scotian Shelf. *Canadian Journal of Fisheries and Aquatic Sciences* 54: 1461-1479.

1996

Lochmann, S.E., G.L. Maillet, C.T. Taggart, and K.T. Frank. The effect of gut contents and lipid degradation on condition measures in larval fish. *Marine Ecology Progress Series* 134: 27-35.

Taggart, C.T., **S.E. Lochmann**, DA. Griffin, KR. Thompson, and G.L. Maillet. Abundance distribution of larval cod (*Gads morhua*) and zooplankton in a gyre-like water mass on the Scotian Shelf. Pp. 155-174 *In: Survival Strategies*

in Early Life Stages of Marine Resources. Y. Watanabe, Y. Yamashita, and Y. Oozeki (Eds.), A.A. Balkema Publishers, Rotterdam.

1995

Doyle, R.W., C. Herbinger, C.T. Taggart, and **S.E. Lochmann**. Use of DNA Microsatellite polymorphism to analyse genetic correlations between hatchery and natural fitness. American Fisheries Society Symposium 15: 205-211.

Lochmann, S.E., R.M. Darnell and J.D. McEachran. Temporal and vertical distribution of crab larvae in a tidal pass. Estuaries 18: 255-263.

Lochmann, S.E., G.L. Maillet, K.T. Frank and C.T. Taggart. Lipid class composition as a measure of nutritional condition in individual Atlantic cod. Canadian Journal of Fisheries and Aquatic Sciences 52: 1294-1306.

1993

Jackson, G.A., and **S.E. Lochmann**. Modeling coagulation of algae in marine ecosystems. Pp. 387-414 in Environmental Particles Vol. 2., J. Buffle and H.P. van Leeuwen (Eds.) Lewis Publishers, Ann Arbor, Michigan.

1992

Jackson, G.A. and **S.E. Lochmann**. Effects of coagulation on nutrients and light limitation of an algal bloom. Limnology and Oceanography 37: 77-89.

1989

Darnell, R.M., **S.E. Lochmann**, J.D. McEachran. Gulf of Mexico - A model for estuary-shelf interaction. pp. 563-574 In: North Carolina Coastal Oceanography Symposium. R.Y. George and A.W. Hulbert (eds.) National Undersea Research Program, Research Report 89-2.

Lochmann, S.E., and W.S. Alevizon. Coloration in the trumpetfish, *Aulostomus maculatus*. Copeia 4: 1072-1074.

DOCTORAL DISSERTATIONS SUPERVISED

Salinger, J. ____ Hybrid striped bass niche overlap with black basses in an Arkansas reservoir.

MASTERS THESES SUPERVISED

Tindall, M. ____ Movement and Diet of Northern Snakehead in Arkansas.

Laskodi, C. ____ Effects of agricultural development on stream water and habitat quality and algal, macroinvertebrate, and fish communities of the Lower Mississippi River Basin in southeast Arkansas.

Farris, G. ____ Assessing Arkansas Game and Fish Commission Crappie Stock Enhancements. University of Arkansas at Pine Bluff.

Hecke, K. ____ Distribution and Abundance of the Strawberry Darter (*Etheostoma fragi*) in the Main Stem and Tributaries of the Strawberry River. University of Arkansas at Pine Bluff.

Rachels, K. 2013. Effects of hatchery-reared largemouth bass stocking density on wild juvenile largemouth bass in small impoundments. University of Arkansas at Pine Bluff.

Baker, B. 2012. Spawning distribution, population characteristics, and length limit modeling of white bass in Pool 4 of the Arkansas River. University of Arkansas at Pine Bluff.

- Timmons, B. 2012. Influences of biological vegetation control on sport fish characteristics and aquatic plant communities in southern Arkansas. University of Arkansas at Pine Bluff.
- Adelsberger, C. 2009. Natural life history characteristics of bigmouth sleeper *Gobiomorus dormitor* in Puerto Rico Rivers. University of Arkansas at Pine Bluff.
- Will, L. 2009. Fish community structure and habitat use on gravel bars in the Arkansas River. University of Arkansas at Pine Bluff.
- Horne, J. 2008. An evaluation of the effects of stocking hatchery largemouth bass fingerlings on wild largemouth bass fingerlings in backwaters of the Arkansas River. University of Arkansas at Pine Bluff.
- Heitman, L. 2005. An evaluation of population dynamics and contributions of stocked largemouth bass in pools of the Arkansas River. University of Arkansas at Pine Bluff.
- Williams, A. 2004. Characteristics, preferences, and motivations of youth fishing license holders in Arkansas. University of Arkansas at Pine Bluff.
- Green, C.C. 2004. Fluctuating asymmetry as a measure of developmental stability in golden shiners and channel catfish reared in isopropyl methylphosphonic acid. University of Arkansas at Pine Bluff.
- Fenech, A. 2003. Diets analyses of double-crested cormorants and largemouth bass from Lake Chicot, Arkansas. University of Arkansas at Pine Bluff.
- Jackson, M.J. 2002. Temporal composition of zooplankton during the fall in fry culture ponds. University of Arkansas at Pine Bluff.
- Frimpong, E.A. 2001. An analysis of baitfish pond effluents, drainage ditch use, and effects of pond and ditch characteristics on solids. University of Arkansas at Pine Bluff.
- Carlson, J.M. 2001. Crappie mortality and the simulation of the effects of regulations in Lake Chicot, Arkansas. University of Arkansas at Pine Bluff.
- Racey, C.L. 2001. Year class contribution of white crappie fingerlings stocked in Lake Chicot, Arkansas. University of Arkansas at Pine Bluff.

MASTERS THESES COMMITTEE MEMBER

Joe Kaiser, University of Arkansas at Pine Bluff
Cody Salzmann, University of Arkansas at Pine Bluff
Andrew Porterfield, Arkansas Tech University
Matthew Skoog, University of Arkansas at Pine Bluff
Anthony Fernando, University of Arkansas at Pine Bluff
Sagar Shrestha, University of Arkansas at Pine Bluff
Dan Grigas, University of Arkansas at Pine Bluff
Brandon Baumhoer, University of Arkansas at Pine Bluff
Lynn Wright, Arkansas Tech University
Chris Cato, Arkansas State University
Clint Peacock, University of Arkansas at Pine Bluff
Brad Fontaine, University of Arkansas at Pine Bluff
Paul Port, University of Arkansas at Pine Bluff
Tom Lang, University of Arkansas at Pine Bluff
Sandy Clark, Arkansas Tech University
Ben Lubinski, University of Arkansas at Pine Bluff
Shawn Sanders, University of Arkansas at Pine Bluff
Mark Leao, University of Arkansas at Pine Bluff

Chip Long, University of Arkansas at Pine Bluff

PRESENTATIONS

2016

Eggleton, M. A., A. H. Haukenes, S. E. Lochmann, and R. L. Lochmann. Training future fish hatchery scientists: three decades of experiences at the University of Arkansas at Pine Bluff. American Fisheries Society, Kansas City, Missouri, August

Farris, G. F., and S. E. Lochmann. Calcein marking: a non-lethal batch marking option for stocking evaluation. Arkansas Chapter of the American Fisheries Society, Fairfield Bay, Arkansas, February

Farris, G. F., and S. E. Lochmann. Calcein marking: a non-lethal batch marking option for stocking evaluation. American Fisheries Society, Kansas City, Missouri, August

Hecke, K. B., and S. E. Lochmann. Current status and distribution of the Strawberry Darter in the tributaries and mainstem of the Strawberry River drainage. Arkansas Chapter of the American Fisheries Society, Fairfield Bay, Arkansas, February

Hecke, K. B., and S. E. Lochmann. Current status and distribution of the Strawberry Darter in the tributaries and mainstem of the Strawberry River drainage. American Fisheries Society, Kansas City, Missouri, August

Lochmann, S. E., M. E. Eggleton, G. Farris, and K. B. Hecke. Lake Saracen bank angler creel survey and management implications. Arkansas Chapter of the American Fisheries Society, Fairfield Bay, Arkansas, February

Lochmann, S. E. and G. F. Farris. Reviews of stock enhancement of largemouth bass and crappies with consideration of factors affecting stock enhancement success. Aquaculture 2016, Las Vegas, Nevada, February

Lochmann, S. E. Knowledge, skills, and competencies for a fish hatchery biologist. American Fisheries Society, Kansas City, Missouri, August

2015

Farris, G.F., and S.E. Lochmann. A Review of Published Literature on Crappie Supplemental Stocking. Southern Division of the American Fisheries Society, Savannah, Georgia, January

Farris, G.F., and S.E. Lochmann. A Review of Published Literature on Crappie Supplemental Stocking. Arkansas Chapter of the American Fisheries Society, Benton, Arkansas, February

Hecke, K.B., and S.E. Lochmann. Presence/Absence Analysis of Historical Data on the Strawberry Darter. Southern Division of the American Fisheries Society, Savannah, Georgia, January

Hecke, K.B., and S.E. Lochmann. Presence/Absence Analysis of Historical Data on the Strawberry Darter. Arkansas Chapter of the American Fisheries Society, Benton, Arkansas, February

Lochmann, S.E. Interactions between wild and hatchery fish: salmonid models and centrarchid studies. Arkansas Chapter of the American Fisheries Society, Benton, Arkansas, February (invited plenary)

Lochmann, S.E., and K.B. Hecke. Presence/absence analysis of historical data on the Strawberry Darter. American Fisheries Society, Portland, Oregon, August

Lochmann, S.E., S. Todd, and J. Miller. Relations between age-0 and age-1 largemouth bass relative abundance and their influence on stock enhancement decisions. Arkansas Chapter of the American Fisheries Society, Benton, Arkansas, February

2014

Fernando, A.V., S.E. Lochmann, and A.H. Haukenes. Critical thermal maxima of three populations of Alligator Gar *Atractosteus spatula* from three populations acclimated to three temperatures. Arkansas Chapter of the American Fisheries Society, Rogers, Arkansas, February

Fernando, A.V., and S.E. Lochmann. Onset of scale formation in alligator gar. Arkansas Academy of Science, Searcy, Arkansas, April

Lochmann, S.E., and K.T. Rachels. Bar grading of pellet-reared Alligator Gar in tanks and raceways. Southern Division of the American Fisheries Society, Charleston, South Carolina, January

Lochmann, S.E., K.T. Rachels, and M.A. Melder. Behavior of larval Yellowcheek Darters relative to current and light. Arkansas Chapter of the American Fisheries Society, Rogers, Arkansas, February

Lochmann, S.E., K.T. Rachels, L. Xie., and C.L. Racey. A meta-analysis of factors potentially influencing contribution of stocked Largemouth Bass to a year class. Southern Division of the American Fisheries Society, Charleston, South Carolina, January

Melder, M.A., and S.E. Lochmann. Bar grading of pellet-reared alligator gar in tanks. University of Arkansas at Pine Bluff Research Forum, Pine Bluff, Arkansas, March

Melder, M.A., and S.E. Lochmann. Bar grading of pellet-reared alligator gar in tanks. Arkansas Undergraduate Research Conference, Arkadelphia, Arkansas, April

Mua, L., S.E. Lochmann, and K.T. Rachels. Bar grading of pellet-reared alligator gar in tanks. Arkansas Chapter of the American Fisheries Society, Rogers, Arkansas, February

2013

Eggleton, M. A., and S. E. Lochmann. The National Cooperative Fisheries Scholars Program: challenges for post-graduates. Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, September

Lochmann, S.E., K.T. Rachels, L. Xie, and C.L. Racey. A meta-analysis of factors potentially influencing contribution of stocked Largemouth Bass to a year class. Annual Meeting of the American Fisheries Society, Little Rock, Arkansas, September

Lochmann, S. E., B. W. Baker, K. T. Rachels, and B. A. Timmons. Bar grading of alligator gar fingerlings in raceways. Southern Division of the American Fisheries Society, Nashville, Tennessee, February

Lochmann, S. E., B. W. Baker, K. T. Rachels, and B. A. Timmons. Bar grading of alligator gar fingerlings in raceways. Arkansas Chapter of the American Fisheries Society, Conway, Arkansas, January

Timmons, B. A., B. W. Baker, K. T. Rachels, and S. E. Lochmann. Bar grading of alligator gar fingerlings in raceways. Mid Continent Warm Water Fish Culture Workshop, Mt. Magazine, Arkansas, February

Rachels, K. T., and S. E. Lochmann. Effects of stocking hatchery-reared largemouth bass on wild juvenile largemouth bass in small impoundments. Arkansas Chapter of the American Fisheries Society, Conway, Arkansas, January

Rachels, K. T., and S. E. Lochmann. Effects of stocking hatchery-reared largemouth bass on wild juvenile largemouth bass in small impoundments. Southern Division of the American Fisheries Society, Nashville, Tennessee, February

Fernando, A. V., A. H. Haukenes, and S. E. Lochmann. Critical thermal maxima and heat hardening in two

populations of alligator gar. Southern Division of the American Fisheries Society, Nashville, Tennessee, February

Lochmann, S. E., B. W. Baker, K. T. Rachels, and B. A. Timmons. Bar grading of alligator gar fingerlings in raceways. World Aquaculture Society Meeting, Nashville, Tennessee, February

2012

Baker, B. W., and S. E. Lochmann. Interannual variability in spatial and temporal spawning distributions of white bass. Southern Division of the American Fisheries Society, Biloxi, Mississippi, January

Fernando, A. V., and S. E. Lochmann. Length of white bass larvae at hatch and five days post hatch is a heritable trait. Southern Division of the American Fisheries Society, Biloxi, Mississippi, January

Rachels, K. T., and S. E. Lochmann. Adaptive management strategies for allocating hatchery resources. Southern Division of the American Fisheries Society, Biloxi, Mississippi, January

Timmons, B. A., and S. E. Lochmann. Estimating grass carp consumption using bioenergetics as a tool for verifying biological control of submerged vegetation. Southern Division of the American Fisheries Society, Biloxi, Mississippi, January

Baker, B. W., and S. E. Lochmann. Minimum length limit evaluations on white bass in Arkansas. Arkansas Chapter of the American Fisheries Society, Conway, Arkansas, February

Fernando, A. V., S. A. Fuller, M. E. McEntire and S. E. Lochmann. Lengths of white bass larvae at hatch and five days post hatch is a heritable trait. Arkansas Chapter of the American Fisheries Society, Conway, Arkansas, February

Rachels, K. T., and S. E. Lochmann. Adaptive management strategies for allocating hatchery resources. Arkansas Chapter of the American Fisheries Society, Conway, Arkansas, February

Timmons, B. A., and S. E. Lochmann. Estimating grass carp consumption using bioenergetics as a tool for verifying biological control of submerged vegetation. Arkansas Chapter of the American Fisheries Society, Conway, Arkansas, February

Fernando, A. V., S. A. Fuller, M. E. McEntire and S. E. Lochmann. Lengths of white bass larvae at hatch and five days post hatch is a heritable trait. UAPB Research Forum, Pine Bluff, Arkansas, March

Timmons, B. A., and S. E. Lochmann. Grass carp bioenergetics and control of submerged vegetation. American Fisheries Society, St. Paul, Minnesota, August

Baker, B. W., and S. E. Lochmann. A population assessment and minimum length limit evaluation for white bass in the Arkansas River, Arkansas. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Hot Springs, Arkansas

Eggleton, M. A., B. G. Batten, C. R. Peacock, and S. E. Lochmann. Spotted bass population characteristics and relationships with macrohabitat variables in the Arkansas River, Arkansas. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Hot Springs, Arkansas, October

Rachels, K. T., G. R. Taylor, B. M. Baumhoer, S. Shrestha, and S. E. Lochmann. Pellet-reared largemouth bass competitive ability at various levels of exposure to live forage. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Hot Springs, Arkansas, October

2011

Baker, B. W., and S. E. Lochmann. Spawning distribution and population characteristics of white bass in Pool 4 of the Arkansas River. Southern Division of the American Fisheries Society, Tampa, Florida, January

Barkowski, N. A., S. E. Lochmann, and A. H. Haukenes. Examination of gender specific markers in plasma and surface mucus of *Morone chrysops*. Southern Division of the American Fisheries Society, Tampa, Florida, January

Lochmann, S. E., L. A. Will, C. L. Williams, M. L. Warner, A. J. Williams, B. W. Baker, and B. A. Timmons. Do cannibalistic hybrid striped bass grow faster than their siblings? Southern Division of the American Fisheries Society, Tampa, Florida, January

Lochmann, S. E., L. A. Will, C. L. Williams, M. L. Warner, A. J. Williams, B. W. Baker, and B. A. Timmons. Feeding natural zooplankton to alligator gar fingerlings in tanks. Southern Division of the American Fisheries Society, Tampa, Florida, January

Timmons B. A., and S. E. Lochmann. Influence of biological vegetation control on sport fish characteristics and aquatic plant communities in southern Arkansas. Southern Division of the American Fisheries Society, Tampa, Florida, January

Baker, B. W., and S. E. Lochmann. Spawning distribution and population characteristics of white bass in Pool 4 of the Arkansas River. Arkansas Chapter Meeting of the American Fisheries Society, Little Rock, Arkansas, February

Lochmann, S. E., L. A. Will, B. W. Baker, and B. A. Timmons. The importance of cannibalism in tank production of hybrid striped bass. Arkansas Chapter Meeting of the American Fisheries Society, Little Rock, Arkansas, February

Lochmann, S. E., L. A. Will, B. W. Baker, B. A. Timmons, and M. Wine. Propagation and feeding strategies for the yellowcheek darter *Etheostoma moorei*. Arkansas Chapter Meeting of the American Fisheries Society, Little Rock, Arkansas, February

Timmons B. A., L. A. Will, B. W. Baker, and S. E. Lochmann. Growth and survival of larval alligator gar fed natural and cultured live feed. Arkansas Chapter Meeting of the American Fisheries Society, Little Rock, Arkansas, February

Timmons B. A., and S. E. Lochmann. Influence of biological vegetation control on sport fish characteristics and aquatic plant communities in southern Arkansas. Arkansas Chapter Meeting of the American Fisheries Society, Little Rock, Arkansas, February

Williams, A. J., L. A. Will, B. W. Baker, B. A. Timmons, M. Wine, and S. E. Lochmann. Propagation and feeding strategies for the yellowcheek darter *Etheostoma moorei*. University of Arkansas at Pine Bluff Research Forum, Pine Bluff, Arkansas, March

Lochmann, S. E., L. A. Will, C. L. Williams, M. L. Warner, A. J. Williams, B. Baker, and B. A. Timmons. Feeding natural zooplankton to alligator gar *Atractosteus spatula* fingerlings in tanks. Association of Research Directors Meeting, Atlanta, Georgia, April

Baker, B. W., and S. E. Lochmann. Spatial and temporal distribution of spawning effort for white bass in Pool 4 of the Arkansas River. American Fisheries Society National Meeting, Seattle, Washington, September

Barkowski, N. A., S. E. Lochmann, A. Fuller, and A. H. Haukenes. Validation of gender specific markers in plasma and surface mucus of moronids and its utility for broodstock evaluation. American Fisheries Society National Meeting, Seattle, Washington, September

Eggleton, M. A., S. E. Lochmann, D. R. Haynes, and K. G. Whalen. The National Cooperative Fisheries Scholars Program: A model for producing minority fisheries professionals. American Fisheries Society National Meeting, Seattle, Washington, September

Lochmann, S. E., L. Will, B. W. Baker, B. A. Timmons, and M. Wine. Captive propagation and restocking of yellowcheek darter in the Little Red River, Arkansas. American Fisheries Society National Meeting, Seattle,

Washington, September

Timmons, B. A., and S. E. Lochmann, L. Will, and B. W. Baker. Influence of feed type on alligator gar production in tanks. American Fisheries Society National Meeting, Seattle, Washington, September

2010

Lochmann, S. E., and L. A. Will. Affect of grading frequency on production of alligator gar fingerlings in tanks. Aquaculture America, San Diego, California, March

Lochmann, S. E., and L. A. Will. Affect of grading frequency on production of alligator gar fingerlings in tanks. Southern Division of the American Fisheries Society, Asheville, North Carolina, February

Will, L. A., and S. E. Lochmann. Affect of grading frequency on production of alligator gar fingerlings in tanks. Arkansas-Oklahoma Chapter Meeting of the American Fisheries Society, Fort Smith, Arkansas, February

Timmons, B., and S. E. Lochmann. Changes in sport fish characteristics and biomass of aquatic vegetation before and after biological control of vegetation in southern Arkansas. Arkansas-Oklahoma Chapter Meeting of the American Fisheries Society, Fort Smith, Arkansas, February

Barkowski, N., B. Baker, B.A. Timmons, A. Haukenes, and S. E. Lochmann. Standard metabolic rate of alligator gar *Atractosteus spatula* at three temperatures. International Network for Lepisosteid Fish Research and Management Meeting, Thibodaux, Louisiana, May

Lochmann, S. E., and L. A. Will. Affect of grading frequency on production of alligator gar fingerlings in tanks. International Network for Lepisosteid Fish Research and Management Meeting, Thibodaux, Louisiana, May

Lochmann, S. E., and L. A. Will. Affect of grading frequency on production of alligator gar fingerlings in tanks. National Meeting of the American Fisheries Society, Pittsburgh, Pennsylvania, September

Timmons, B. A., and S. E. Lochmann. Changes in sport fish characteristics and biomass of aquatic vegetation before and after biological control of vegetation in southern Arkansas. National Meeting of the American Fisheries Society, Pittsburgh, Pennsylvania, September

Olive, J., L. A. Will, and S. E. Lochmann. Grass carp movement and persistence in Felsenthal Reservoir, Arkansas. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Biloxi, Mississippi, October

Horne, J. R., and S. E. Lochmann. Mortality, growth, and condition of young-of-year wild largemouth bass following stocking of hatchery-reared advanced-fingerlings into backwaters of the Arkansas River. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Biloxi, Mississippi, October

Eggleton, M. A., B. G. Batten, and S. E. Lochmann. Largemouth Bass Fishery Characteristics in the Arkansas River, Arkansas. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies, Biloxi, Mississippi, October

2009

Adelsberger, C., J. W. Neal, and S. E. Lochmann. Larval collection and observed movements of telemetered bigmouth sleeper *Gobiomorus dormitor* in Puerto Rico. Southern Division of the American Fisheries Society, New Orleans, Louisiana, January

Fisher, C., S. E. Lochmann, M. Wine, and S. Shoults. Propagation and rearing methods for yellowcheek darter *Etheostoma moorei*. Southern Division of the American Fisheries Society, New Orleans, Louisiana, January

Lochmann, S. E., and J. Horne. An evaluation of the effects of stocking hatchery largemouth bass fingerlings on

wild largemouth bass fingerlings in backwaters of the Arkansas River. Southern Division of the American Fisheries Society, New Orleans, Louisiana, January

Will, L., and S.E. Lochmann. Fish assemblages on gravel bars in the Arkansas River. Southern Division of the American Fisheries Society, New Orleans, Louisiana, January

Lochmann, S. E., and L. Will. Fish assemblages on gravel bars in the Arkansas River. Oklahoma Chapter of the American Fisheries Society. Ardmore, Oklahoma, January

Adelsberger, C., J. W. Neal, and S. E. Lochmann. Larval collection and observed movements of telemetered bigmouth sleeper *Gobiomorus dormitor* in Puerto Rico. Arkansas Chapter of the American Fisheries Society, Bentonville, Arkansas, February

Fisher, C., S. E. Lochmann, M. Wine, and S. Shoults. Propagation and rearing methods for yellowcheek darter *Etheostoma moorei*. Arkansas Chapter of the American Fisheries Society, Bentonville, Arkansas, February

Lochmann, S. E., and J. Horne. An evaluation of the effects of stocking hatchery largemouth bass fingerlings on wild largemouth bass fingerlings in backwaters of the Arkansas River. Arkansas Chapter of the American Fisheries Society, Bentonville, Arkansas, February

Timmons, B., and S. E. Lochmann. Changes in sport fish characteristics and biomass of aquatic vegetation before and after biological control of vegetation in southern Arkansas. Arkansas Chapter of the American Fisheries Society, Bentonville, Arkansas, February

Will, L., and S.E. Lochmann. Fish assemblages on gravel bars in the Arkansas River. Arkansas Chapter of the American Fisheries Society, Bentonville, Arkansas, February

Lochmann, S. E., and G. M. Ludwig. Optimizing Feeding Strategies For Tank Culture Of Sunshine Bass Using Microcyst *Artemia* Nauplii As An Intermediate Step Between Rotifers And Standard *Artemia* Nauplii. Aquaculture America 2009, Seattle, Washington, February

Adelsberger, C., J. W. Neal, and S. E. Lochmann. Larval collection and observed movements of telemetered bigmouth sleeper *Gobiomorus dormitor* in Puerto Rico. Association of Research Directors, Atlanta, Georgia, March

Fisher, C., S. E. Lochmann, M. Wine, and S. Shoults. Propagation and rearing methods for yellowcheek darter *Etheostoma moorei*. Association of Research Directors, Atlanta, Georgia, March

Fisher, C., S. E. Lochmann, M. Wine, and S. Shoults. Propagation and rearing methods for yellowcheek darter *Etheostoma moorei*. UAPB Research Forum, Pine Bluff, Arkansas, March

Timmons, B., and S. E. Lochmann. Changes in sport fish characteristics and biomass of aquatic vegetation before and after biological control of vegetation in southern Arkansas. Association of Research Directors, Atlanta, Georgia, March

Will, L., and S.E. Lochmann. Fish assemblages on gravel bars in the Arkansas River. Association of Research Directors, Atlanta, Georgia, March

Fisher, C., S. E. Lochmann, M. Wine, and S. Shoults. Propagation and rearing methods for yellowcheek darter *Etheostoma moorei*. Arkansas Undergraduate Research Conference, Arkadelphia, Arkansas, March

2008

Batten, B.G., M.A. Eggleton, and S.E. Lochmann. Population dynamics of black bass *Micropterus* spp. In the lower Arkansas River. Mississippi - Arkansas Chapter Meeting of the American Fisheries Society, Tunica, Mississippi, February

Horne, J. R., and S.E. Lochmann. Effects of a summer high water event on young of the year largemouth bass in the Arkansas River. Mississippi - Arkansas Chapter Meeting of the American Fisheries Society, Tunica, Mississippi, February

Horne, J. R., and S.E. Lochmann. Effects of a summer high water event on young of the year largemouth bass in the Arkansas River. Southern Division of the American Fisheries Society, Wheeling, West Virginia, February

Lochmann, S.E., K.J. Goodwin, M. McEntire, and A. Fuller. Maternal and paternal influences on larval production characteristics of white bass. Mississippi - Arkansas Chapter Meeting of the American Fisheries Society, Tunica, Mississippi, February

Lochmann, S.E., K.J. Goodwin, M. McEntire, and A. Fuller. Maternal and paternal influences on larval production characteristics of white bass. Southern Division of the American Fisheries Society, Wheeling, West Virginia, February

Ludwig, G.M., and S.E. Lochmann. Tank production of sunshine bass fingerlings using *Artemia* from microcysts. Mississippi - Arkansas Chapter Meeting of the American Fisheries Society, Tunica, Mississippi, February

Ludwig, G.M., and S.E. Lochmann. Tank production of sunshine bass fingerlings using *Artemia* from microcysts. Southern Division of the American Fisheries Society, Wheeling, West Virginia, February

Will, L.A., and S.E. Lochmann. Fish assemblages on gravel bars in the Arkansas River. Mississippi - Arkansas Chapter Meeting of the American Fisheries Society, Tunica, Mississippi, February

Will, L.A., and S.E. Lochmann. Fish assemblages on gravel bars in the Arkansas River. Southern Division of the American Fisheries Society, Wheeling, West Virginia, February

Lochmann, S.E., K.J. Goodwin, M. McEntire, and A. Fuller. Maternal and paternal influences on larval production characteristics of white bass. World Aquaculture 2008, Busan, South Korea, May

Ludwig, G.M., and S.E. Lochmann. Production of sunshine bass fingerlings in tanks without using rotifers. World Aquaculture 2008, Busan, South Korea, May

Horne, J. R., and S.E. Lochmann. Effects of a summer high water event on young of the year largemouth bass in the Arkansas River. American Fisheries Society National Meeting, Ottawa, Ontario, August

Lochmann, S.E., K.J. Goodwin, M. McEntire, and A. Fuller. Maternal and paternal influences on larval production characteristics of white bass. American Fisheries Society National Meeting, Ottawa, Ontario, August

Ludwig, G.M., and S.E. Lochmann. Tank production of sunshine bass fingerlings using *Artemia* from microcysts. American Fisheries Society National Meeting, Ottawa, Ontario, August

Will, L.A., and S.E. Lochmann. Fish assemblages on gravel bars in the Arkansas River. American Fisheries Society National Meeting, Ottawa, Ontario, August

2007

Batten, B.G., M.A. Eggleton, and S.E. Lochmann. Patterns in largemouth bass (*Micropterus salmoides*) population dynamics in the lower Arkansas River. Arkansas Chapter Meeting of the American Fisheries Society, Mountain View, Arkansas, January

Horne, J., S.E. Lochmann, M. Wine, and S. Shoultz. Egg and larval characteristics and culture techniques for rearing yellowcheek darters, *Etheostoma moorei*. Arkansas Chapter Meeting of the American Fisheries Society, Mountain View, Arkansas, January

Will, L.A., J.R. Jackson, W.L. Fisher, and S.E. Lochmann. Evaluation of aquatic mitigation on the McClellan-Kerr

Arkansas River navigation system in Arkansas and Oklahoma. Arkansas Chapter Meeting of the American Fisheries Society, Mountain View, Arkansas, January

Port, P., J.W. Neal, and S.E. Lochmann. Factors influencing post-stocking survival of hybrid striped bass. Arkansas Chapter Meeting of the American Fisheries Society, Mountain View, Arkansas, January

Goodwin, K.J., and S.E. Lochmann. Fourier analyses of otolith shape to discriminate spotted and largemouth bass in the Arkansas River. Arkansas Chapter Meeting of the American Fisheries Society, Mountain View, Arkansas, January

Lochmann, S.E., and K.J. Goodwin. Variability in size at hatch and percent hatch of sunshine bass larvae due to different male striped bass. Arkansas Chapter Meeting of the American Fisheries Society, Mountain View, Arkansas, January

Lochmann, S.E., and K.J. Goodwin. Variability in size at hatch and percent hatch of sunshine bass larvae due to different male striped bass. Southern Division of the American Fisheries Society, Memphis, Tennessee, February

Will, L.A., J.R. Jackson, W.L. Fisher, and S.E. Lochmann. Evaluation of fisheries mitigation on the McClellan-Kerr Arkansas River navigation system in Arkansas and Oklahoma. Southern Division of the American Fisheries Society, Memphis, Tennessee, February

Horne, J., S.E. Lochmann, M. Wine, and S. Shoults. Egg and larval characteristics and culture techniques for rearing yellowcheek darter *Etheostoma moorei*. Southern Division of the American Fisheries Society, Memphis, Tennessee, February

Port, P., J.W. Neal, and S.E. Lochmann. Factors influencing post-stocking survival of hybrid striped bass. Southern Division of the American Fisheries Society, Memphis, Tennessee, February

Batten, B.G., M.A. Eggleton, and S.E. Lochmann. Patterns in largemouth bass (*Micropterus salmoides*) population dynamics in the lower Arkansas River. Southern Division of the American Fisheries Society, Memphis, Tennessee, February

Lochmann, S.E., and K.J. Goodwin. Variability in size at hatch and percent hatch of sunshine bass larvae due to different male striped bass. Aquaculture 2007, San Antonio, Texas, February

Rawles, S., Ludwig, G., S.E. Lochmann, and T.G. Gaylord. The effect of rotifer enrichment strategy on sunshine bass larvae fatty acid profile. Aquaculture 2007, San Antonio, Texas, February

Matthews, L., K.J. Goodwin, and S.E. Lochmann. Fourier analysis of otolith shape to discriminate spotted and largemouth bass in the Arkansas River. UAPB Annual Student Faculty Research Forum, Pine Bluff, Arkansas, March

Port, P., J. W. Neal, and S.E. Lochmann. What Influences Survival of Stocked Hybrid Striped Bass? American Fisheries Society National Meeting, San Francisco, California, September

2006

Batten, B.G., M.A. Eggleton, S.E. Lochmann, and H.L. Schramm. Largemouth bass population characteristics in the lower 11 pools of the Arkansas River. Arkansas Chapter Meeting of the American Fisheries Society, DeGray Lake, Arkansas, February

Batten, B.G., M.A. Eggleton, S.E. Lochmann, and H.L. Schramm. Largemouth bass population characteristics in the lower 11 pools of the Arkansas River. Southern Division of the American Fisheries Society, San Antonio, Texas, February

Bullock, V., A.J. Cline, and S.E. Lochmann. Responses of brook and brown trout to stream rehabilitation in a

Michigan forest stream. Arkansas Chapter Meeting of the American Fisheries Society, DeGray Lake, Arkansas, February

Bullock, V., A.J. Cline, and S.E. Lochmann. Responses of brook and brown trout to stream rehabilitation in a Michigan forest stream. UAPB Research Forum, Pine Bluff, Arkansas, March

Clark, S.J., J.R. Jackson, and S.E. Lochmann. Relation between floodplain lake fish communities and river connectivity in the lower White River, Arkansas. Arkansas Chapter Meeting of the American Fisheries Society, DeGray Lake, Arkansas, February

Clark, S.J., J.R. Jackson, and S.E. Lochmann. Relation between floodplain lake fish communities and river connectivity in the lower White River, Arkansas. Southern Division of the American Fisheries Society, San Antonio, Texas, February

Lochmann, S.E., and G.M. Ludwig. An examination of different densities of sunshine bass larvae reared in tanks. Arkansas Chapter Meeting of the American Fisheries Society, DeGray Lake, Arkansas, February

Lochmann, S.E., K.J. Goodwin and C.L. Racey. Environmental and genetic influences on the percent of hatch and size at hatch of sunshine bass. Arkansas Chapter Meeting of the American Fisheries Society, DeGray Lake, Arkansas, February

Mondragon, S., R. Hines, and S.E. Lochmann. Ichthyofauna of Maddox Bay Runout on the White River National Wildlife Refuge. Arkansas Chapter Meeting of the American Fisheries Society, DeGray Lake, Arkansas, February

Lochmann, S.E., K.J. Goodwin, and C.L. Racey. Hatching success and size at hatch of sunshine bass hatched at different temperatures. Southern Division of the American Fisheries Society, San Antonio, Texas, February

Lochmann, S.E., and G.M. Ludwig. Growth and survival of sunshine bass larvae stocked in tanks at different densities. Southern Division of the American Fisheries Society, San Antonio, Texas, February

Mondragon, S., R. Hines, and S.E. Lochmann. Ichthyofauna of Maddox Bay Runout on the White River National Wildlife Refuge. UAPB Research Forum, Pine Bluff, Arkansas, March

Lochmann, S.E., and G.M. Ludwig. Stocking density effects on phase 1 sunshine bass *Morone chrysops x M. saxatilis* growth and survival in tank culture. Aqua 2006, Florence, Italy, May

Lochmann, S.E., K.J. Goodwin, and C.L. Racey. Maternal and temperature influences on hatching success and size at hatch of sunshine bass. Aqua 2006, Florence, Italy, May

Lochmann, S.E., K.J. Goodwin, and C.L. Racey. Maternal And Temperature Influences On Percent Hatch And Total Length At Hatch Of Sunshine Bass. Parent Society Annual Meeting, American Fisheries Society, Lake Placid, New York, September

Ludwig, G.M. and S.E. Lochmann. Growth And Survival In Tank Culture: Stocking Density Effects On Phase I Sunshine Bass. Parent Society Annual Meeting, American Fisheries Society, Lake Placid, New York, September

2005

Lochmann, S. E., C. R. Racey, K. J. Goodwin, and C. C. Green. 2005. Variability in egg characteristics among female white bass *Morone chrysops* and the relationship between egg volume and yolk-sac fry length of sunshine bass. Aquaculture America 2005, New Orleans, Louisiana, January

Clark, S.C., J.R. Jackson, and S.E. Lochmann. Evaluation of shoreline seining and mini-fyke nets in floodplain lakes. Southern Division of the American Fisheries Society, Virginia Beach, Virginia, February

Heitman, N.E., C.L. Racey, and S.E. Lochmann. First-year contribution to the year class and growth of largemouth

bass stocked at 50 mm and 100 mm into the Arkansas River. Southern Division of the American Fisheries Society, Virginia Beach, Virginia, February

Racey, C.L., and S.E. Lochmann. Larval fish and zooplankton abundance in oxbow lakes of the Lower White River, Arkansas. Southern Division of the American Fisheries Society, Virginia Beach, Virginia, February

Lochmann, S.E., C.L. Racey, K.J. Goodwin, and C.C. Green. Variability in egg characteristics among female white bass *Morone chrysops* and the relationship between egg volume and yolk-sac fry length of sunshine bass. Southern Division of the American Fisheries Society, Virginia Beach, Virginia, February

Clark, S.C., J.R. Jackson, and S.E. Lochmann. Evaluation of shoreline seining and mini-fyke nets in floodplain lakes. Arkansas Chapter Meeting of the American Fisheries Society, Russellville, Arkansas, February

Heitman, N.E., C.L. Racey, and S.E. Lochmann. First-year contribution to the year class and growth of largemouth bass stocked at 50 mm and 100 mm into the Arkansas River. Arkansas Chapter Meeting of the American Fisheries Society, Russellville, Arkansas, February

Racey, C.L., and S.E. Lochmann. Larval fish and zooplankton abundance in oxbow lakes of the Lower White River, Arkansas. Arkansas Chapter Meeting of the American Fisheries Society, Russellville, Arkansas, February

Lochmann, S.E., C.L. Racey, K.J. Goodwin, and C.C. Green. Variability in egg characteristics among female white bass *Morone chrysops* and the relationship between egg volume and yolk-sac fry length of sunshine bass. Arkansas Chapter Meeting of the American Fisheries Society, Russellville, Arkansas, February

Clark, S., J. Jackson, and S.E. Lochmann. 2005. Comparison of Littoral Fish Communities in Floodplain Lakes Using Shoreline Seines and Mini-fyke Nets. National American Fisheries Society Meeting, Anchorage, Alaska, September

Symens, H., M. Eggleton, and S.E. Lochmann. 2005. A National Cooperative Fisheries Scholarship Program at the University of Arkansas at Pine Bluff. National American Fisheries Society Meeting, Anchorage, Alaska, September

Racey, C., and S.E. Lochmann. 2005. Larval fish and zooplankton abundances in oxbow lakes of the Lower White River, Arkansas. National American Fisheries Society Meeting, Anchorage, Alaska, September

Lochmann, S.E., and C. Racey, K. Goodwin, and C. Green. 2005. Variability in Egg Characteristics Among White Bass and The Egg Volume: Larval Standard Length Relation in Sunshine Bass. National American Fisheries Society Meeting, Anchorage, Alaska, September

Clark, S., J. Jackson, and S.E. Lochmann. 2005. Relation of floodplain lake fish communities and river connectivity in the lower White River, Arkansas. National American Fisheries Society Meeting, Anchorage, Alaska, September

Heitman, N., C. Racey, and S.E. Lochmann. 2005. First-year Contribution to the Year Class and Growth of Largemouth Bass Stocked at 50 mm and 100 mm into the Arkansas River. National American Fisheries Society Meeting, Anchorage, Alaska, September

2004

Green, C. C., and S. E. Lochmann. Fluctuating Asymmetry and Condition in Golden Shiner and Channel Catfish Reared in Sublethal Concentrations of Isopropyl Methylphosphonic Acid. Arkansas Chapter – AFS Meeting, Pine Bluff, Arkansas, February

Heitman, N.E., C. Racey, and S.E. Lochmann. An Evaluation of Supplemental Stocking of Largemouth Bass in Pools of the Arkansas River. Arkansas Chapter – AFS Meeting, Pine Bluff, Arkansas, February

Racey, C., and S.E. Lochmann. Validation of a Model Predicting Crappie Response to a Length Limit. Arkansas Chapter – AFS Meeting, Pine Bluff, Arkansas, February

Green, C. C., and S. E. Lochmann. Fluctuating Asymmetry and Condition in Golden Shiner and Channel Catfish Reared in a Breakdown Product of Sarin. Southern Division – AFS Meeting, Oklahoma City, Oklahoma. February

Heitman, N.E., C. Racey, and S.E. Lochmann. An Evaluation of Supplemental Stocking of Largemouth Bass in Pools of the Arkansas River. Southern Division – AFS Meeting, Oklahoma City, Oklahoma. February

Racey, C., S.E. Lochmann, J.M. Carlson. Validation of a Model Predicting Crappie Response to a Length Limit. Southern Division – AFS Meeting, Oklahoma City, Oklahoma. February

Ludwig, G, and S.E. Lochmann. Effect Of Rotifer Enrichment On Sunshine Bass Fry Growth And Survival. Southern Division – AFS Meeting, Oklahoma City, Oklahoma. February

Lochmann, S.E. Enrichment of Wild Freshwater Zooplankton for Intensive Culture of Larval Fish. Aquaculture 2004, Honolulu, Hawaii, March

Ludwig, G., S.E. Lochmann, and G. Gaylord. Comparison of Growth and Survival of Sunshine Bass Fry Fed Rotifers Cultured with Concentrated Pastes of *Nanochloropsis*, *Nanochloropsis* plus Super Selco, or *Nanochloropsis* plus *Pavlova*. Aquaculture 2004, Honolulu, Hawaii, March

Heitman, N.E., C.L. Racey, and S.E. Lochmann. An Evaluation of Stocking of Largemouth Bass in Pools of the Arkansas River. Arkansas Bass Anglers Association Tournament, Little Rock, ARkansas, August

Heitman, N.E., C.L. Racey, and S.E. Lochmann. An Evaluation of Stocking of Largemouth Bass in Pools of the Arkansas River. American Fisheries Society 134th Annual Meeting, Madison, Wisconsin, August

Green, C.C., and S.E. Lochmann. Fluctuating Asymmetry and Condition in Golden Shiner and Channel Catfish Reared in Sublethal Concentrations of a Breakdown Product of Sarin. American Fisheries Society 134th Annual Meeting, Madison, Wisconsin, August

Lochmann, S.E. Enrichment of Wild Freshwater Zooplankton for Intensive Culture of Larval Fish. American Fisheries Society 134th Annual Meeting, Madison, Wisconsin, August

2003

Fenech, A., C. Racey, S.E. Lochmann. Effects of Double-Crested Cormorants on Largemouth Bass and Crappie in Lake Chicot, Arkansas. Southern Division-AFS Midyear Meeting, Wilmington, North Carolina, February

Green, C., and S.E. Lochmann. Toxicity of Isopropyl Methylphosphonic Acid to Eggs of Golden Shiner and Channel Catfish. Arkansas Chapter-AFS Annual Meeting, Jackson, Tennessee, March

Heitman, E., C. Racey, and S.E. Lochmann. Evaluation of Population Dynamics and Stocking Contribution of Largemouth Bass in Two Pools of the Arkansas River. Arkansas Chapter-AFS Annual Meeting, Jackson, Tennessee, March

Fenech, C., A. Radomski, and S.E. Lochmann. Is it Necessary to Identify Diet Items from Hard Parts to Accurately Characterize Cormorant Diets? Arkansas Chapter-AFS Annual Meeting, Jackson, Tennessee, March

Racey, C., A. Fenech, and S.E. Lochmann. Effects of Double-Crested Cormorants on Largemouth Bass and Crappie in Lake Chicot, Arkansas. Arkansas Chapter-AFS Annual Meeting, Jackson, Tennessee, March

Green, C.C., S.E. Lochmann, D.L. Straus. Acute toxicity of isopropyl methylphosphonic acid, a breakdown product of sarin, to early life history stages of golden shiner and channel catfish. South Central Region of the Society of Toxicology Annual Meeting in Shreveport, Louisiana, October

Green, C. C., and S.E. Lochmann. Fluctuating Asymmetry and Condition in Golden Shiner and Channel Catfish Reared in Sublethal Concentrations of Isopropyl Methylphosphonic Acid. Annual North American meeting for The Society of Environmental Toxicology and Chemistry: Austin, Texas, November

Green, C.C., S.E. Lochmann, and D.L. Straus. Acute toxicity of isopropyl methylphosphonic acid, a breakdown product of sarin, to early life history stages of golden shiner and channel catfish. Annual North American meeting for The Society of Environmental Toxicology and Chemistry: Austin, Texas, November

2002

Frimpong, E. and S.E. Lochmann. Suspended Solids and Biochemical Oxygen Demand in Baitfish Pond Effluents and Drainage Ditch Effect on Solids. Aquaculture America 2002, World Aquaculture Society Annual Meeting, San Diego, California, January

Lochmann, S.E., and E. Frimpong. Critical Cyclopoid Copepod Concentrations for Acceptable Survival of Sunshine Bass Fry. Aquaculture America 2002, World Aquaculture Society Annual Meeting, San Diego, California, January

Fenech, A., S.E. Lochmann, and A. Radomski. Diet Analyses of Double-Crested Cormorants and Largemouth Bass in Lake Chicot. Southern Division-AFS Midyear Meeting, Little Rock, Arkansas, February

Mwatela, C. and S.E. Lochmann. Identification of piscivore prey species using dichotomous key based on prey sagittal otoliths. Southern Division-AFS Midyear Meeting, Little Rock, Arkansas, February

Green, C. and S.E. Lochmann. Fluctuating asymmetry as a measure of developmental stability in golden shiner, *Notemigonus crysoleucas*, developing under three different conditions. Southern Division-AFS Midyear Meeting, Little Rock, Arkansas, February

Goodwin, K., S.E. Lochmann, T. Clemment, N. Stone, and R. Lochmann. Variability in lipid class composition and size of golden shiner eggs during and extended spawning season. Southern Division-AFS Midyear Meeting, Little Rock, Arkansas, February

Goodwin, K. and S.E. Lochmann. A history of the Arkansas Chapter of the American Fisheries Society. Southern Division-AFS Midyear Meeting, Little Rock, Arkansas, February

Green, C. and S.E. Lochmann. Fluctuating asymmetry as a measure of developmental stability in golden shiner, *Notemigonus crysoleucas*, developing under three different conditions. AFS Annual Meeting, Baltimore, Maryland, August

Lochmann, S.E., and E. Frimpong. Critical Cyclopoid Copepod Concentrations for Acceptable Survival of Sunshine Bass Fry. AFS Annual Meeting, Baltimore, Maryland, August

2001

Frimpong, E. and S.E. Lochmann. An Evaluation of Treatments Affecting Zooplankton Populations for Water Re-Use and Effluent Reduction. Aquaculture 2001, Lake Buena Vista, Florida, January

Lochmann, S.E., and G.M. Ludwig. Use of Relative Abundance and Condition to Predict Survival of Hybrid Striped Bass (*Morone chrysops* x *M. saxatilis*) Fingerlings. Aquaculture 2001, Lake Buena Vista, Florida, January

Frimpong, E. and S.E. Lochmann. An Evaluation of Treatments Affecting Zooplankton Populations for Water Re-Use and Effluent Reduction. Arkansas Chapter-AFS Annual Meeting, Heber Springs, Arkansas, February

Fenech, A.S., S.E. Lochmann, A. Radomski, D. Wooten, and M. Hoy. Possible Effects of Double-crested Cormorants and Largemouth Bass Predation on Crappie in an Arkansas Oxbow Lake. Arkansas Chapter-AFS Annual Meeting, Heber Springs, Arkansas, February

Mwatela, C., S.E. Lochmann, and G. Ludwig. Use of Relative Abundance and Condition to Predict Survival of Hybrid Striped Bass (*Morone chrysops* x *M. saxatilis*) Fingerlings. Arkansas Chapter-AFS Annual Meeting, Heber Springs, Arkansas, February

Frimpong E. A. and S.E. Lochmann. Managing the impact of pond aquaculture on water resources of Arkansas, United States. Second Annual Students' Conference on Conservation Science. Cambridge, United Kingdom, March

Fenech, A.S., S.E. Lochmann, and A. Radomski. Possible Effects of Double-crested Cormorants and Largemouth Bass Predation on Crappie in an Arkansas Oxbow Lake. International Symposium on Fish-Eating Birds, Hull, England, March

Lochmann, S.E. Using WebCT as a Computer-Aided Instruction Platform for Teaching Fisheries Techniques. AFS Annual Meeting, Phoenix, Arizona, August

Fenech, A.S., S.E. Lochmann, and A. Radomski. Possible Effects of Double-crested Cormorants and Largemouth Bass Predation on Crappie in an Arkansas Oxbow Lake. AFS Annual Meeting, Phoenix, Arizona, August

Racey, C., S.E. Lochmann, and J.M. Carlson. An Evaluation of Stocking and Harvest Regulations of Crappie in Lake Chicot, AR. AGFC Fish & Wildlife Research Symposia, Little Rock, Arkansas, September

Fenech, A.S., S.E. Lochmann, and A. Radomski. Lake Chicot Cormorant Study. AGFC Fish & Wildlife Research Symposia, Little Rock, Arkansas, September

2000

Lochmann, S.E., and G.M. Ludwig. Morphological and Lipid Class Composition as Measures of Condition for Sunshine Bass Fry. Arkansas Chapter-AFS Annual Meeting, Bossier City, Louisiana, January

Carlson, J.M., and S.E. Lochmann. White Crappie Natural Mortality, Exploitation, and Regulation Analysis in Lake Chicot, Arkansas. Arkansas Chapter-AFS Annual Meeting, Bossier City, Louisiana, January

Dennis, D.C., and S.E. Lochmann. Largemouth Bass Annual Exploitation in Felsenthal National Wildlife Refuge, Arkansas at Determined by a Tag-Reward Study. Arkansas Chapter-AFS Annual Meeting, Bossier City, Louisiana, January

Ludwig, G.M., and S.E. Lochmann. A New Larval Fish Rearing System. Catfish Farmers of Arkansas Annual Meeting, Little Rock, Arkansas, January

Lochmann, S.E., and G.M. Ludwig. Morphological and Lipid Class Composition as Measures of Condition for Sunshine Bass Fry. Aquaculture America 2000, New Orleans, Louisiana, February

Ludwig, G.M., and S.E. Lochmann. Culture of Sunshine Bass *Morone chrysops* X *M. saxatilis* Fry in Tanks with Zooplankton Cropped from Ponds. Aquaculture America 2000, New Orleans, Louisiana, February

Racey, C.L., and S.E. Lochmann. Supplemental Stocking of Crappie in Lake Chicot, Arkansas. AFS Annual Meeting, St. Louis, Missouri, August

Carlson, J.M., and S.E. Lochmann. Crappie Mortality and Simulation of the Effects of Regulations in Lake Chicot, Arkansas. AFS Annual Meeting, St. Louis, Missouri, August

1999

Jackson, J., and S.E. Lochmann. A Pilot Urban and Community Fishing Program for Central and Southeast Arkansas. Arkansas Chapter-AFS Annual Meeting, Little Rock, Arkansas, February

Valderrama, D., M. Jackson, and S.E. Lochmann. Predation on Sunshine Bass Fry by Cyclopoid Copepods. Arkansas Chapter-AFS Annual Meeting, Little Rock, Arkansas, February

Claggett, C., S.E. Lochmann, and G.M. Ludwig. Culture of Sunshine Bass in Tanks using Natural Zooplankton as a First Food. Arkansas Chapter-AFS Annual Meeting, Little Rock, Arkansas, February

Lochmann, S.E., and L. White. Supplemental Stocking of Crappie in Lake Chicot, Arkansas. Arkansas Chapter-AFS Annual Meeting, Little Rock, Arkansas, February

1998

Dennis, D.C., and S.E. Lochmann. Characteristics of Largemouth Bass Tournaments in Felsenthal National Wildlife Refuge, AR. Joint Meeting of the Arkansas, Kansas, and Oklahoma Chapters of the American Fisheries Society, Fayetteville, Arkansas, February

Jackson, M., G.M. Ludwig, and S.E. Lochmann. The Temporal Composition of Zooplankton in Fry Culture Ponds in the Fall. Joint Meeting of the Arkansas, Kansas, and Oklahoma Chapters of the American Fisheries Society, Fayetteville, Arkansas, February

Lochmann, S.E., and G.M. Ludwig. Zooplankton Management and Reciprocal Hybrid Striped Bass Fingerling Production. Catfish Farmers of Arkansas Mid-Year Meeting, Little Rock, Arkansas, January

Lochmann, S.E., G.M. Ludwig, and M. Jackson. Zooplankton Management and Reciprocal Hybrid Striped Bass Fingerling Production. Aquaculture '98, Las Vegas, Nevada, February

1996

Lochmann, S.E. Department of Energy Update. Catfish Farmers of America Annual Meeting, Destin, Florida, February

Lochmann, S.E., K.T. Frank, C.T. Taggart, G.L. Maillet. Temporal Changes of Lipid Class Composition and Survival of a Cohort of Larval Cod. AFS Annual Meeting, Dearborn, Michigan, August

Stanley, K., and S.E. Lochmann. Polychlorinated Biphenyls in Fish from Lake Pine Bluff." Submitted poster presentation, Southeastern Association of Fish and Wildlife Agencies annual meeting, Hot Springs, Arkansas, October

1994

Lochmann, S.E., C.T. Taggart, D. Griffin, K. Thompson, and G.L. Maillet. Spatial and Temporal Scales of the Dynamics of a Larval Fish Cohort at a Convergent Front. AFS Annual Meeting, Halifax, Nova Scotia, August

Lochmann, S.E., C.T. Taggart, D. Griffin, K. Thompson, and G.L. Maillet. Spatial and Temporal Scales of a Larval Cohort at a Convergent Front. OPEN Annual Meeting, Dartmouth, Nova Scotia, March

Lochmann, S.E., K.T. Frank, C.T. Taggart, G.L. Maillet. Temporal Variability of Lipid Class Composition in a Cohort of Tracked Cod Larvae on the Scotian Shelf. Symposium on the Biology and Ecology of Northwest Atlantic Cod, St. John's, Newfoundland, October

1993

Lochmann, S.E., D. Griffin, K. Thompson, and C.T. Taggart. Tracking Cod Larvae in the Open Ocean. Larval Ecology Meeting, Stony Brook, New York, August

Lochmann, S.E., K.T. Frank, C.T. Taggart, G.L. Maillet. Condition and Survival of Larval Cod from the Scotian

Shelf Inferred from Lipid Analysis. ICES Cod and Climate Change Symposium, Reykjavik, Iceland, August

Lochmann, S.E., D. Griffin, K. Thompson, C.T. Taggart, K.T. Frank, and G.L. Maillet. Lipid Class Indices of Condition in Cod Larvae from a Tracked Patch. AFS Annual Meeting, Portland, Oregon, September

1992

Lochmann, S.E., and G. Jackson. Roles of Coagulation and Herbivorous Grazing in the Control of Phytoplankton Bloom Dynamics. ASLO Annual Meeting, Santa Fe, New Mexico, February

Lochmann, S.E., C.T. Taggart, K.T. Frank, and G.L. Maillet. Spatial and Temporal Patterns in Condition of Cod Larvae on the Scotian Shelf. OPEN Annual Meeting, Halifax, Nova Scotia, November

1991

Lochmann, S.E., and G. Jackson. Effects of Coagulation on Nutrient and Light Limitation of an Algal Bloom. ASLO Annual Meeting, Halifax, Nova Scotia, June

1990

Lochmann, S.E. Mechanisms of Transport of Blue Crabs and Brown Shrimp Through Tidal Passes. Gulf Estuarine Research Federation, Beaumont, Texas, October

1987

Lochmann, S.E. Mechanisms of Larval Transport of Estuarine Related Fishes and Invertebrates of the Texas Coast. ASZ Annual Meeting, New Orleans, Louisiana, December