**Jason Christian**

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**Education**

B.S. (Biology) - Kennesaw State University, (Spring 2010)

M.S. (Biology) – University of Central Arkansas, (Summer 2012)

**Work Experience**

**Instructor of Biology**: August 2016- Current. Teaching Zoology, Biology, Environmental Science, and Anatomy and Physiology courses at Georgia Highlands College.

**Director of Laboratories:** August 2016- Current. Oversee 3 lab coordinators, 2 lab techs and any part-time techs in the labs. Maintain and enforce safety protocols for all GHC campuses. Manage lab fee budget. Purchasing lab equipment.

**Lab Safety Officer:** August 2014-July 2016. Maintain and enforce safety protocols for 5 campuses at Georgia Highlands College. Deal with hazardous and bio-hazardous waste.

**Lab Coordinator:** August 2014-July 2016. Coordinate and maintain 5 campuses biology, chemistry, physics, physical science, geology and astronomy labs. I also am required to teach 8 credit hours of lab work in anatomy, biology, zoology, or medical microbiology.

**Adjunct Professor:** August 2013-July 2016.Supervisor- Sharryse Henderson. Teaching Anatomy and Physiology, Nutrition, and General Zoology for Georgia Highlands College.

**Tutor:** January 2014- July 2014. Supervisor- Jennifer Hicks. Biology tutor for Georgia highlands students.

**Lab Instructor:** August 2012-May 2013. Supervisor – Judy Ratterree. Teaching Contemporary Biology for non-major students at University of North Texas.

**Paid Research Assistant:** July-August 2012 LabW. Supervisor – Dr. Ginny Adams.

**Departmental Research Assistant:** May 2012-July 2012. Competitive Assistantship funded by the Biology Department for work on Thesis project. Supervisor – Dr. Reid Adams.

**Graduate Teaching Assistant:** August 2011- May 2012. Teaching General Biological Principles Lab. University of Central Arkansas Department of Biology. Supervisor – Dr. Reid Adams.

**Paid Research Assistant:** Summer 2011. Examining the effect of large woody debris additions. Funded by USDA Forest Service. Supervisor – Dr. Ginny Adams.

**Graduate Teaching Assistant:** August 2010- May 2011. Teaching Majors Biology Principles Two Lab. University of Central Arkansas Department of Biology. Supervisor – Dr. Brent Hill.

**Paid Research Assistant:** Summer 2010. Watershed assessment projects in Cobb, Paulding, and Bartow County; Sampled Fish populations for IBI monitoring on Etowah, Chattahoochee, and Coosa Basin streams. Supervisor – Dr. Bill Ensign.

**Paid Departmental Lab Assistant:** January 2007 – May 2010.Laboratory preparation for: introductory level labs, ecology labs, microbiology labs, and upper level special topics courses. Assist professors with research needs. Assist with inventory. Provide assistance to any lab when needed. Supervisor – Nannette Reese, Biology Lab Coordinator

**Volunteer Research Assistant:** Spring 2009.Maintained and raised multiple cohorts of paddlefish (*Polydon spathula*) from fertilization to maturity for embryonic staining. Supervisor - Dr. Marcus Davis.

**Volunteer Research Assistant:** Summer 2009. Watershed assessment projects in Cobb and Paulding County; Sampled fish populations for IBI monitoring on Etowah Basin streams. Supervisor – Dr. Bill Ensign.

**Volunteer Research Assistant:** Fall 2009. Stoneroller thermal preference project. Maintained *Campostoma oligolepis* in captivity for physiological studies related to an investigation of the Urban Stream Syndrome. Supervisor – Dr. Scott Reece.

**Other Involvement**

**Faculty advisor.** Georgia Highlands College Fishing Team. Spring 2015 – Current. Ranked 25th in nation in 2016.

**Research coordination.** I am overseeing undergraduate research on Paris lake and its adjacent wetland. We are looking to first identify populations of animals present and then incorporate a management plan. Fall 2014 - current.

**Research Assistant**. Metacommunity dynamics in an intermittent stream. Fall 2012- Summer 2012. Sampling monthly for fish in a mark recapture study looking at movement during drought.

**Masters Thesis.** Isolation effects on diet and condition of three fish species in an intermittent Ozark stream.2010-2012. Looking at how diets and condition of fishes change in response to being isolated in a pool. I lead teams of up to 8 people backpacking into the Ozark National Forest for multiple one-week trips in order to collect required fish and macroinvertebrate samples for a diet analysis. Advised by Dr. Ginny Adams

**Research Assistant.** Impacts of Natural Gas Development on Fish Communities of the Fayetteville Shale.2010-2012. Backpack electroshocking fishes at various densities of gas wells to determine if there is an impact on fish communities due to hydrofracking. Supervised by Dr. Ginny Adams, and Loren Stearman M.S.

**Research Assistant.** Life History and Ecology of the Redfin darter (*Etheostoma whipplei*). 2010-2012. Sampling monthly for a life history study of the red fin darter. Also snorkeling survey during breeding season in order to capture breeding behavior. Supervised by Loren Stearman M.S.

**Research Assistant.** Current Status of Alligator Gar (*Atractosteus spatula*) in Arkansas.2010-2012. Setting and retrieving gill nets on various parts of the Arkansas, and Fourche Rivers. Gars were pit tagged measured, weighed, sexed, and tagged with telemetry transmitters for a movement study. Supervised by Dr. Reid Adams, Lindsey Lewis M.S., and Chris Naus.

**Research Assistant.** Cavefish research on Grotto Sculpin.2012. Seining for Grotto Sculpin in Mystery Cave Missouri in order to collect holotypes for new species description. Supervised by Dr. Ginny Adams.

**Publications**

**Christian J.,** &Adams G. (2014) Effects of pool isolation on trophic ecology of fishes in a highland stream. *Journal of Fish Biology*, 85(3), 752-772.

**Grants**

North American Native Fish Association education grant $1,000

Affordable Learning Georgia textbook transformation grant. Spring 2016 $35,000.

Captain Planet Foundation Small Grant Spring 2016 $2,000 (unfunded)

College of Science and Mathematics Student Research Award. Awarded fall 2011. $500.

**Oral Presentations**

**Christian, J.,** G. Adams and D. Houinghaus. 2013. Effects of Drought on Stream Food Webs. American Fisheries Society: Texas Chapter. Conroe, TX.

**Christian, J.,** G. Adams and R. Adams. 2012. Isolation effects on fish diets in an intermittent stream. American Fisheries Society: Arkansas Chapter. Conway, AR. Awarded Outstanding Student Award.

**Christian, J.,** G. Adams and R. Adams. 2012. Isolation effects on fish diets in an intermittent stream. American Fisheries Society: Southern Division. Biloxi, MS.

**Christian, J.,** G. Adams and R. Adams. 2011. Diet breadth among fishes in an intermittent headwater stream. Southeastern Fisheries Council. Chattanooga, TN.

**Poster Presentations**

**Christian, J.,** G. Adams. 2012. Hunger Games: how isolation can affect fishes guts. Collage of Natural Science and Mathematics Spring Poster Symposium. Conway, AR.

**Christian, J.,** W.E. Ensign and G. Adams. 2010. Urbanization Effects on *Campostoma oligolepis.* Southern Division American Fisheries Society Student Colloquium. Mountain View, AR.

**Christian, J.,** G. Adams and R. Adams. 2010. Competition and niche breadth among fishes in an intermittent headwater stream. Association of Southwestern Naturalist. Tyler, TX.

**Christian, J.,** G. Adams and R. Adams. 2010. Competition and niche breadth among fishes in an intermittent headwater stream. Collage of Natural Science and Mathematics Spring Poster Symposium. Conway, AR.

**Invited Presentation**

Guest lecturer Texas Master Naturalist Meeting. Ichthyology and Aquatic Ecology. Lewisville, TX.

Guest LecturerOzarka College. Current Events: Urban Ecology and Modern Anthropogenic Impacts. Mountain View, AR.

Guest Lecturer Ozarka College. Streams of the Ozarks. Mountain View, AR.

Guest Lecturer and Demonstration Bigelow Public School. Local Wildlife and Conservation. Bigelow, AR.

**Professional Affiliations**

**North American Native Fish Association.** 2014-Current

**Society of Wetland Scientist.** 2013-Current.

**American Fisheries Society.** 2010-Current.

**Southeastern Fishes Council.** 2011-Current

**American Fisheries Society University of Central Arkansas Subunit.** 2010-2012. President of organization 2011-2012. In charge of communicating between subunit and state/ regional chapter of AFS. Also organized meetings and facilitates outreach to the local community.

**American Fisheries Society: Arkansas Chapter.** 2010-2012.

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**Honors and Awards**

American Fisheries Society Arkansas Chapter Outstanding Student Award. 2012. Awarded to the student who has shown outstanding leadership in conservation, education, and research in their subunit of the American Fisheries Society.

Arkansas Game and Fish Conservation Scholarship. 2011-2012. $3000 scholarship awarded to students who have shown dedication to conservation of Arkansas’s natural resources.

Outstanding Teaching Award. 2010-2011. University of Central Arkansas Biology Department.

Student Assistant of the Year. 2009-2010. Kennesaw State University Department of Biology and Physics.

Student Assistant of the Year Nomination. 2008-2009. Kennesaw State University Department of Biology and Physics.