

MICHAEL C. HASSETT

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EDUCATION

Loyola University Chicago 2011-15

- M.S., Biology (defended February 2015)
- Coursework focus: Aquatic Ecology

Michigan State University 2005-09

- B.S., Fisheries and Wildlife
 - Extensive coursework in Ecology, Natural Resource Management
 - Antarctica Study Abroad
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WORK EXPERIENCE

Loyola University Chicago 2013-15

Laboratory Instructor

- Taught two sections of General Biology Labs I or II per semester
- Responsible for teaching, grading, and holding office hours

U.S. Fish and Wildlife Service – Warm Springs FTC 2010-11

Fish Biology Intern

- Created new analysis technique to rapidly determine Asian carp ploidy
- Worked on a variety of station projects, including:
- Cryopreservation, fish passage assessment, and endangered species studies

Arizona Game and Fish Department 2009

Native Trout Conservation Intern

- Assisted with Apache trout and Gila trout restoration projects
- Conducted basin-wide stream habitat surveys in wilderness areas
- Removed non-native fish with backpack electrofishing

Fordham University – Louis Calder Center 2008

Undergraduate Researcher – NSF REU Fellow

- Surveyed and analyzed ephemeral ponds for local nature center

Michigan State University – Algal Ecology Lab 2008-09

Undergraduate Lab Technician

- Assisted graduate students with algal culture, sample processing, and cleaning

SKILLS

Field

- Limnological and fisheries sampling techniques
- Backpack and boat electrofishing
- GPS, orienteering, and topographical maps
- Logistical planning
- First aid and CPR
- Wilderness survival skills
- Camping and backpacking

Laboratory

- Experimental design
- Nutrient auto-analyzers, mass spectrometry
- Microscopy and epifluorescent microscopy
- Taxonomic identification – algae, aquatic insects, fish, trees
- Aquaculture

Computers

- Data management and analysis
- Microsoft Office – Word, Excel, Powerpoint
- Statistical software – Sigma Plot, Systat, R
- GIS - ArcGIS

Communications

- Teamwork and leadership training
- Scientific manuscript and report writing
- Public speaking
- Basic Spanish proficiency

AWARDS

Loyola University Chicago

- Graduate School Travel Award 2012, 2013
- Biology Grad Student Association Travel Award 2012, 2013
- Graduate Research Fellowship 2011, 2012

Society for Freshwater Science

- General Endowment Fund Research Award 2012

US Fish and Wildlife Service

- Special Thanks for Achieving Results (STAR) Award 2011

National Science Foundation

- Research Experience for Undergraduates Fellowship 2008

HONORS

Boy Scouts of America

- Eagle Scout 2004