

# Jay Staton

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## EDUCATION

**Humboldt State University**, Arcata, CA  
Masters of Biological Sciences  
Department of Fisheries Biology

May 2014 - Current

**Purdue University**, West Lafayette, IN  
Bachelor of Science in Agriculture  
Department of Forestry and Natural Resources  
Major: Fisheries and Aquatic Science  
Minor: Nature Resources and Environmental Sciences  
GPA: 3.33/4.00

December 2012

**Relevant Coursework:** Modern statistical modeling, Biology of marine fishes, Multivariate statistics, Geospatial research methods, Fisheries science and management; Aquatic animal health; Fish ecology; Advanced freshwater ecology; Aquaculture; Conservation genetics; Aquatic sampling techniques; Marine biology; Statistics I; Natural resource issues; Natural resources and environmental economics; Fundamentals of biology I and II; General and organic chemistry

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## RESEARCH INTERESTS

Applied fish ecology; marine fish ecology; anthropogenic effects on fish stocks

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## RESEARCH EXPERIENCE

### PUBLICATION

Staton, J.M., Roswell, C.R., Fielder, D.G., Thomas, M.V., Pothoven, S.A., Höök, T.O.  
(*accepted*) Condition and diet of yellow perch in Saginaw Bay, Lake Huron (1970-2011). Journal of Great Lakes Research.

- Conducted independent undergraduate research on yellow perch condition and diets
- Analyzed 180 diets of Age 1 and older yellow perch
- Organized a large data set from Michigan DNR to examine long term trends in condition
- Prepared figures, tables, and manuscript for publication

### PRESENTATIONS

- "Distance from port as a proxy for historical fishing pressure on nearshore rocky reefs in northern California." Presented at the Western Society of Naturalist Annual Meeting. Sacramento, California, 2015. Poster
- "Condition and diet of yellow perch in Saginaw Bay, Lake Huron (1970-2011)." Presented at International Association of Great Lakes Research Annual Meeting. West Lafayette, IN, 2013. Poster.
- "Evaluating differences in condition of yellow perch in Saginaw Bay, Lake Huron (1971-2008)." Presented at annual Forestry and Natural Resources Poster Symposium, Purdue University, West Lafayette, IN, 2012. Poster.

## **RELEVANT SKILLS**

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**FIELD SKILLS:** bongo tows; benthic PONAR sampling; gillnetting; seining; zooplankton tows; fyke netting; bottom trawling; boat and backpack electrofishing; YSI sonde; trap netting; water sampling; boat operation, backing, loading, and trailering skills

**LABORATORY SKILLS:** larval and adult fish identification; zooplankton and macroinvertebrate identification; fish diets; removal of fish otoliths; familiarity with SPSS and some experience with general linear models; organizing and analyzing large databases in Excel and Access

**Computer Skills:** ESRI ArcGIS Certification, Program R, Program MARK, Microsoft Office Suite

## **WORK EXPERIENCE**

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### **Aquatic Ecology Lab Technician/Manager**

**December 2012 – December 2013**

*Purdue University, West Lafayette, IN*

*Advisor: Dr. Tomas Höök*

- Analyze fish diets; fish, zooplankton, and macroinvertebrate identification; and organize large data sets in Microsoft Excel and Access
- Manage daily lab activities and supervise undergraduate assistants
- Participate in multiple field studies in riverine, large lake, and research pond settings

### **Undergraduate Lab and Field Technician**

**March 2011 – November 2012**

*Purdue University, West Lafayette, IN*

- Collected larval and adult fish via gillnetting, trawling, electroshocking, and bongo tows
- Collected zooplankton and benthic invertebrate samples using plankton nets and PONAR
- Counted and identified juvenile fish, larval fish, and benthic invertebrates in lab
- Backed, trailered, and operated boat on Lake Michigan and tributaries

### **Town of Speedway Street Department**

**Summers 2008 – 2010**

*Full Time Summer Employee*

*Speedway, IN*

- Worked independently and in teams with little supervision to accomplish large projects
- Operated city truck safely

## **ACTIVITIES/AWARDS**

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- National Chapter of American Fisheries Society, Member September 2013 - Current
- Western Society of Naturalist Member October 2015 - Current
- Forestry and Natural Resources Summer Practicum June 2012
- Department of Forestry and Natural Resources, Mentor May 2012 – December 2012
- Fisheries and Aquatic Science Outstanding Sophomore May 2012
- Martell Scholarship May 2012
- Purdue Chapter of American Fisheries Society, Member March 2011 – Current
- Marine Biology Field Practicum October 2011
- Boy Scouts of America, Eagle Scout May 2008