Illinois-Indiana Sea Grant announces the following positions for the 2016 Summer Student Internship Program. Successful applicants will spend 12 weeks working closely with a Sea Grant specialist on issues affecting the Great Lakes. Internships can include research, communications and outreach components. Applicants may also have the opportunity to participate in activities outside of their specific internship duties.

Internships are available in the following areas:

- Aquatic Ecology
- Green Infrastructure
- Sustainable Communities
- Water Pricing & Policy
- Website Development

Interns will be paid $12/hour for 37.5 hours per week. Interns will be student employees of Purdue University or University of Illinois. Some travel and/or weekend work may be expected. Interns are responsible for the cost of housing plus transportation to and from their work place. Work-related travel will be funded by the Sea Grant host. Application packets are due on March 9, 2016. Successful applications will be notified of their acceptance by early April 2016. Internships are expected to start in May 2016 and end in August 2016. Starting dates are flexible due to different school calendars. For more information on the internship program, please visit: http://www.iiseagrant.org/funding/internship.html

Send all application materials via email to Angela Archer, amcbride@purdue.edu, and include “Internship Opportunity” in the subject line. All questions should be directed to Ms. Archer via email or 765-496-3722.

Eligibility

- Undergraduates are eligible if they are currently enrolled in a U.S. institution of higher learning or if they graduated recently--no earlier than December 2015.
- Applicants should be U.S. citizens, permanent residents or have an active F-1 visa.
- Previous IISG interns who have participated in the Summer Internship program are not eligible.

For your application, save the following documents as a single PDF file:

- Curriculum vitae detailing education and work experiences (2 pages maximum)
- Goal statement emphasizing your interest in the Great Lakes and how this opportunity will further your career goals. (500 words or less)
- Ranked preference of the five internship positions
- Copy of unofficial transcript(s)
- One letter of recommendation sent directly to amcbride@purdue.edu on your behalf
Summer Student Program Position Descriptions

Aquatic Ecology Intern  
**IISG Supervisor:** Jay Beugly, Aquatic Ecology Specialist  
The intern will develop extension educational materials for use in the Aquatic Ecology Extension Program. Interns will contribute to extension publications and develop K-12 educational activities, with strong interest in videos, related to topics of fish and macroinvertebrates in stream ecology. The intern will have the opportunity to participate in sampling events such as stream electrofishing and macroinvertebrate collecting. The intern could also represent IISG in local outreach events. Occasional weekend work might be required.

The successful applicant will be an employee of Purdue University and will be working in the Department of Forestry and Natural Resources, Purdue University, 195 Marsteller Street, West Lafayette, Indiana 47907.

**Qualifications:** Candidates should have an interest in aquatic ecology and developing education; and outreach programs. A background in natural resources, life sciences, ecology, and/or education is desired. Skill set should include strong communication skills, ability to work independently, and attention to detail. Fish and macroinvertebrate identification is highly desired. Experience in video production will be given preference.

Green Infrastructure Workforce and Economic Development Intern  
**IISG Supervisor:** Margaret Schneemann, Water Resource Specialist  
This intern will support an assessment of the market for green infrastructure workforce within the Illinois Calumet coastal zone region. The intern will work closely with the IISG specialist to design and conduct surveys (in-person and online) of regional green infrastructure stakeholders, summarize qualitative data from interviews, and assist with report writing and presentations. Applicants should have a strong communications and writing skills, coursework in social science, and an interest in workforce development. The preferred candidate will have some experience in qualitative data analysis and conducting in-person interviews.

The successful applicant will be an employee of the University of Illinois Champaign-Urbana and will be working at **Chicago Metropolitan Agency for Planning**, 233 South Wacker Drive, Suite 800 (Willis Tower), Chicago, IL 60606.

**Qualifications:** Candidates should have strong communication and writing skills, be comfortable giving public presentations and have knowledge of social science research methods; experience conducting phone interviews and in qualitative data analysis is preferred.

Sustainable Communities Extension Intern  
**IISG Supervisor:** Kara Salazar, Sustainable Communities Specialist  
The student intern will support state-wide sustainable communities extension programming efforts ([https://ag.purdue.edu/extension/scep](https://ag.purdue.edu/extension/scep)) for Purdue Extension and the Illinois Indiana Sea Grant (IISG) college program. The intern will collaboratively develop extension education and training materials (case studies, fact sheets, excerpts of guide books) related to public spaces, rain gardens, and watershed management topics. Internship experiences will also include interactions with community groups and program partners through meetings and supporting the delivery of extension and training programs with campus specialists. Opportunities for professional development activities will be offered as available.

The successful applicant will be an employee of Purdue University, and will be working in the Department of Forestry and Natural Resources, Purdue University, 195 Marsteller Street, West Lafayette, IN 47907.
Qualifications: Candidates should have an interest in natural resources management, community development, and developing and delivering education and outreach programs to diverse stakeholder groups. A background in natural resource sciences, social science, environmental planning or policy or a related field with strong verbal and written communication skills is desired.

Water Conservation Pricing and Policy Intern
IISG Supervisor: Margaret Schneemann, Water Resource Specialist
The successful applicant will assist with collection and analysis of water pricing and policy data for the northeastern Illinois region. The intern will gather data from current municipal ordinances and websites such as the U.S. Census; conduct research on water conservation practices; and develop resulting outreach products. Candidates should have a strong interest in one or more of the following areas: water conservation, utility rate setting, data management and urban planning. The preferred candidate will have strong spreadsheet skills and be comfortable working independently.

The successful applicant will be an employee of the University of Illinois Champaign-Urbana and will be working at Chicago Metropolitan Agency for Planning, 233 South Wacker Drive, Suite 800 (Willis Tower), Chicago, IL 60606.

Qualifications: Candidates should have strong organizational skills with proficiency in Excel; an interest in public policy, urban planning, statistics, finance and economics; training in social science research methods and the ability to work independently is preferred.

Web Developer and Designer Intern
IISG Supervisor: Angela Archer, Internship Coordinator, and Brandon Beatty, Web Developer
The intern will be working on a few web-based support system. One will be The Tipping Points and Indicators (www.tippingpointplanner.org) decision support system (DSS) runs on the Joomla content management system and uses the ArcGIS Server JavaScript API. The successful candidate will work on portions of the site that require fine tuning or additional functionality, and design graphics for training and promotional materials. The other component will be creating databases to be used within the research and buoy sections of the IISG websites. The databases will be used by visitors to query the IISG-funded research projects, and the historical data from the two IISG buoys in Lake Michigan.

The successful applicant will be an employee of Purdue University and will be working in the Department of Forestry and Natural Resources, Purdue University, 195 Marsteller Street, West Lafayette, Indiana 47907.

Qualifications: Junior level or above. Must have completed classes with website design/development coursework, formal training, or the equivalent experience. Experience with JavaScript and PHP required. Adobe Photoshop and Illustrator, Git, and CMS experience preferred. Must have good communication skills, organized, proficient and detail oriented.