Delta Institute-Loyola IES Internship Program

April 1, 2016

*Rationale* -

Loyola University Chicago’s Institute of Environmental Sustainability (IES) trains undergraduate students in the fields of Environmental Science and Policy, to become change-agents in the world, who will help to develop sustainable solutions to the critical environmental threats our world faces today. The Delta Institute works in partnership with business, government, and communities in the Great Lakes region to create and implement innovative, market-driven solutions that build environmental resilience, economic vitality, and healthy communities. Various opportunities are available for students to work with scientists and social scientists. IES Director Nancy Tuchman serves on the Delta Institute Advisory Board, and Delta Institute’s CEO Bill Schleizer serves on the IES Board. With support from the Searle Family Trust and other private supporters, we propose to fund IES students to conduct one-semester or summer internships working with specialists at the Delta Institute on Great Lakes environmental issues. The Delta Institute-Loyola IES Internship Program will provide IES students with the valuable professional experience to enrich their undergraduate education and give them an advantage on the job market when they graduate.

*Delta Institute-Loyola IES Internship Program Description* -

A maximum of 4 students will be supported at any given time, to conduct an internship at the Delta Institute. Each student will work 10-15 hours per week for one 15-week semester (fall or spring), or for a 3-month summer period at a rate of $2,000 per semester/summer. If students are excellent interns for the Delta Institute, and desire to stay on longer in order to advance the project they are working on, they are eligible to apply for an extension of their internship for an additional semester or summer. The projects and/or case(s) on which the students will assist are determined by the Delta Institute, and are subject to change depending on their level of urgency and importance. Students are expected to develop a work schedule that allows the Delta Institute to know when they can rely on the student intern being present. Students will take the internship for Experiential Learning/Internship credit, and both the Delta Institute staff and the IES Academic Director will be involved in drafting expectations for course credit and conducting assessments of the student’s progress.

*Application and Selection Process* -

To be considered for these positions, students will submit a one-page resume which should include pertinent courses and experiences, and a one-page statement of purpose which outlines what they hope to do with their career, and how this internship could help them advance their goals and enrich
their Loyola experience. Students submit these materials to Ms. Rachel Leamon (rleamon@luc.edu) by May 1, 2016. The applications will be reviewed by the Delta Institute and the top 1-2 candidates will be selected.

**May 2016-August 2016 Delta Institute-IES Internship Opportunities**

1. There’s a plan for the Great Lakes Basin...or is there?
Premise: Too often the transportation, water, food, energy and other publically and privately managed systems are planned for and invested in without consideration of how those systems interact with each other or influence the health the Great Lakes region. A multi-disciplinary team of interns from colleges and graduate schools will assess the current state of long range plans and their implementation impacts for the Great Lakes Basin. Students will research, assemble and compile plans and determine the impacts of those chapters and look for specific ways in which those plans could include objectives that improve Great Lakes economic and environmental health.

Task 1: Metropolitan Planning Organization, Regional Planning Organizations and Council of Government Long Range Plan compilation
a. For the metropolitan and regional planning organizations of the Great Lakes Basin, locate and review each long range plan.
b. Assemble supporting plans and implementation plans

Task 2: Plan Assessment
a. Using rubric created with Delta staff assess to what extent plans influences health of Great Lakes Basin and the extent to which the plan acknowledges its potential to impact the Basin.
b. Collect quantitative and qualitative information to form hypotheses about regions of the Basin and the Basin as a whole.
c. Work in tandem with Delta staff to create infographics, tables and writing samples to serve as portfolio pieces to aide them.