Delta Institute-Loyola IES Internship Program

**Delta Institute-Loyola IES Internship Program Description** -
A maximum of two students will be supported to conduct an internship at the Delta Institute. The student will work **10-15 hours per week for one 15-week semester** at a rate of $2,000 per semester. If the student is an excellent intern for the Delta Institute, and desires 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 student will assist are determined by the Delta Institute, and are subject to change depending on their level of urgency and importance. The student is expected to develop a work schedule that allows the Delta Institute to know when they can rely on the student intern being present. The student 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** -
For each iteration of this program, students are asked to submit a 1-page resume which should include pertinent courses and experiences, and a 1-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 1 September, 2017. The applications will be reviewed by a committee of Delta Institute and IES faculty/staff, and up to 2 candidates will be selected. Students will be notified by 8 September, 2017.

**September –December 2017 Delta Institute-IES Internship Opportunities:**

Delta Institute sees the internship as an important transition for students to pivot between undergraduate coursework and beginning careers. Often, undergraduate coursework provides a syllabus and largely makes clear to students the resources to succeed in coursework. The internship serves to prepare students for careers in the environmental field where talented people strive to improve conditions, but the path is not always straightforward. With support from senior staff, interns work on a variety of issues with the goal of creating a portfolio piece that reflects their time at Delta Institute. The intern will work on the following initiatives:

Position 1: Establishing a market for reclaimed building materials in St. Louis, Missouri: Typically homes are comprised of at least 15% reusable material, 65% of recyclable material and 20% of construction and demolition waste. Salvaging materials for reuse creates economic and community development benefits. Additionally, the reuse of materials reduces the negative environmental impacts from extracting and manufacturing new materials. While it is possible to reuse these materials, it only works if there is a market for those materials. Working in tandem with multiple partners, Delta Institute is staging a pilot program in St. Louis. The intern would support the following tasks: research, interviews, statistical analysis, estimating environmental impacts and participating in education and marketing events.
Delta Institute works with Midwestern communities striving to improve their environment and local economy. To that end we are refining tools created in previous projects. The intern would support research, creating models and mock ups, testing ideas and interviewing partners.

Position 2: Green infrastructure: Green infrastructure refers to managing Stormwater in a naturalized way. Approaches that mimic the water cycling, protect and restore ecosystems while improving quality of life. Despite the promise of green infrastructure, there are several barriers that seem to prevent widespread adoption. Those include general and technical knowledge of green infrastructure; finance and funding for installation and maintenance; and performance data. The intern will support Delta’s on-the-ground EPA-funded projects installing green infrastructure, expanding our green infrastructure design templates, and provide research and more general support examining systemic challenges to wider spread green infrastructure adoption.