

**Internship program  
Ohio Education Research Center  
Summer 2019**

**Overview**

The OERC (a collaborative of the John Glenn College and the Center for Human Resource Research) will be hosting an internship program for interested college rising juniors and seniors at Ohio State University. The program is designed for students interested in exploring careers in policy research and evaluation. Students will receive instruction on data based methods to investigate policy problems, and be assigned to a partner state agency in Columbus Ohio for the summer. The chief goal of the program is to offer ways to explore the exciting work that the Ohio Education Research Center and its affiliate partners are engaged in, and to give students practical experience with theory they learn in college classes.

**Curriculum****1. Classroom based internship**

Students will engage in a combination of formal classroom and lab training, self-study, and work with agency partners. The basic curriculum design is as follows:

**Spring 2019**, Classroom based training (4040: Introduction to Data Science in Public Sector, Review of OLDA data system, accessing procedures for OLDA data, security training); Self-Study (Stata Manual)..

**Spring 2019** (In class test given to students). Passing the test is required to continue to the paid internship component of the component. The test will review critical theoretical and practical content knowledge required to carry out a statistical analysis within a state government context and make a presentation to an agency official.

During May students, will be matched with an alumnus from the Glenn College (or other OSU department) working in a Data Science capacity in state, local or federal government. They will meet with the individual in order to have the opportunity to ask informal questions about career preparation in Data Science.

During the May term students will also receive a login to a website that will form the basis for communication with the other students and professionals involved in the program.

## **2. In agency Internship**

Students will be assigned to an agency research office for two months (June and July, 2019). Working with an agency partner they will perform basic and applied research on policy relevant topics. Agencies might include the Ohio Departments of Education, Higher Education, Job and Family Services, or other agencies.

During the agency internship students will participate in a weekly seminar with Glenn College/CHRR and OERC staff/faculty. These weekly seminar sessions will provide an opportunity to learn more advanced data science techniques and serve as a “learning lab” – where students can get help from staff on ongoing issues that arise in the internship site.

## **3. Research presentation**

Students in the internship will be expected to participate in the Summer Research Internship Program and present at the Fall Forum in September 2019.

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### **Credit and Compensation**

Students will receive pay for two months (June and July) for approximately 40 working days, 8 hours/day. The rate will be \$13/hour. During the time they will report to either OSU for training or seminar participation, or to an agency for work. Each student will be employed as a Student Research Assistant in summer 2019.

### **Eligibility**

In order to take the internship, you should be from a relevant discipline that includes both social science research methods and some basic computer programming skills. The selection committee will examine transcripts and prior work experience and look for a combination of the following, courses/skills in education policy, some exposure to evaluation and economics courses, and some experience with statistical programming such as STATA or R. **Preference will be given to John Glenn College students who have taken at least 4040.**

**Interested? Have Questions?** Josh Hawley, [Hawley.32@osu.edu](mailto:Hawley.32@osu.edu)

**Application – Data Science Internship (Summer 2019)**

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Major: \_\_\_\_\_

Year: \_\_\_\_\_

Policy Area of Interest: \_\_\_\_\_

Courses in Policy (e.g, 4040, or another defined policy topic):  
\_\_\_\_\_

Courses in Evaluation: \_\_\_\_\_

Courses in Programming: \_\_\_\_\_

Work

Reference: \_\_\_\_\_

Academic Reference:  
\_\_\_\_\_

\*Please provide resume with phone number and email contact. In addition, please print off a copy of the OSU transcript and include with your file. Send a single PDF with the application as page 1, your resume, and the transcript to Joshua Hawley at [hawley.32@osu.edu](mailto:hawley.32@osu.edu) by March 1, 2019. Interviews will be held by March 15 and you will be notified of a decision by March 30.