THE CENTER FOR
SOCIAL SCIENCE
SCHOLARSHIP

**Undergraduate Data Science Scholars – Call for Applications Fall 2024**

*Have you worked with social, behavioral, economic, or geographic data?*
*Are you interested in understanding how to extract useful knowledge from data?*

The Center for Social Science Scholarship (CS3) is partnering with the UMBC Department of Information Systems for the UMBC Undergraduate Data Science Scholars Program (DSS) in **Fall 2024**. Students admitted to the program will work as teaching fellows (TFs) and peer mentors. They will also network with UC Berkeley data science students, attend special events, and be mentored by faculty. The DSS program welcomes undergraduate scholars from multiple disciplines, including the social sciences, looking at all aspects of data and its impact on society. This year scholars will have the opportunity to be teaching fellows or research fellows. Scholars will have an opportunity to work on research projects in Climate Science, Deep fake detection, data storytelling, learning analytics and other data science related projects. For some projects look at these websites, https://www.umces.edu/chesapeake-global-collaboratory, https://iharp.umbc.edu/, https://mdata.umbc.edu/deep-fake-detection/

**Responsibilities:**

• Scholars will work as TFs and peer mentors for undergraduate students in IS296 Foundations of Data Science. Dr. Chen's class  meets Monday/Wednesday 10a - 11:15a (ITE 237) and Ms. Zaidi's class meets on Monday 4:30p - 7:00p (ITE 241). The cohort of DSS scholars will meet as a group with the IS296 instructor. Scholars will be paid ***$20.00/hour for specific*** TF tasks, for 5-10 hours per week in Fall 2024.

• Social science DSS scholars will attend at least two CS3 events in Fall 2024 and/or participate in research initiatives with social science faculty. The scholars will also be expected to attend one mentoring meeting with CS3 faculty.

**Background and skills:**

Applicants should have knowledge in at least one of the following:

- Analysis of social, behavioral, economic, or geographic data
- Python **or** one of the data science tools and/or languages (such as Rapid Miner, Weka, Orange, Knime, ML on cloud computing, python)
- Jupyter notebooks with python or taken IS 296 in a prior semester.

**Interested students should complete the Google submission form,** https://forms.gle/gKLakVQMEbWPHUtt6 **, by Sept 6, 2024.**  *If you have any questions, please email iHARP@UMBC.edu.*

CS3 will run the admission and mentoring of the social science cohort of DSS, and the Department of Information Systems is also partnering with the Center for Women in Technology to run another cohort.