

Undergraduate Data Science Scholars

Partnership with CWIT



We are pleased to announce the Undergraduate Data Science Scholars (DSS) program for supporting students in COEIT for **Fall 2024**. The DSS program welcomes undergraduate scholars from multiple disciplines 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/>

The COEIT cohort of students selected through this effort will be part of the Data Science Scholars program and will be run in partnership with the [Center for Women in Technology](#), and the IS department. There will be a similar model in partnership with the Center for Social Science Scholarship.

Scholars charge: Scholars will work as peer mentors for undergraduate students in the IS 296: Foundations of Data Science class and support their course project development. The scholars will devote time to mentoring and leadership development efforts for their advancement. Specifically:

(a) The scholars will be paid \$20.00/hour for specific tasks supporting students in data science classes, 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). For these activities, scholars will be expected to devote 5-10 hours per week for the Fall 2024 semester of assigned work. The cohort will be expected to meet as a group with the IS 296 faculty members.

(b) In addition, the scholars will be required to attend at least 2 CWIT events, and/or participate in CWIT professional development for their leadership growth and mentoring per semester; scholars will need to [register as CWIT Affiliates](#) in order to do so. The scholars will also be required to attend one mentoring meeting per month with the CWIT Coordinator.

Background/skills:

The scholars should have knowledge in at least one of the following:

- Knowledge of python **or** one of the Data science tools and/or languages (such as Rapid Miner, Weka, Orange, Knime, ML on cloud computing, python)
- Used Jupyter notebooks with python or took IS 296 in a prior semester.

Interested students should complete the [Google submission form](#), <https://forms.gle/gKLakVQMEbWPHUtt6> : by **Friday, September 6, 2024**. If you have any questions, please contact iHARP@umbc.edu.