The Department of Computer Science is home to myriad research areas and world renowned faculty. Our faculty work in Artificial Intelligence (AI), Bioinformatics and Computational Biology, Data Science, Augmented and Virtual Reality, Human Computer Interaction (HCI), Computer Vision and Graphics, and much more... For a more detailed list, please visit our research page at http://www.cs.umd.edu/research.

Faculty

Chair: M. Lin


Associate Professors: H. Corrada Bravo, H. Daume, P. Keleher, C. Kruskal, J. Purtilo

Assistant Professors: L. Battle, M. Carpuat, J. Dickerson, T. Goldstein, F. Huang, M. Leiserson, D. Levin, M. Mazurek, D. Van Horn, A. Shrivastava, X. Wu

Principal Lecturer: J. Plane

Senior Lecturers: F. Emad, E. Golub, N. Padua-Perez

Lecturers: R. Eastman, J. Filippou, L. Herman, M. Hugue, A. Mamat, P. Sadeghian, V. Sazawal, I. Yoon

Professors Emeriti: W. Arbaugh, V. Basili, B. Dorr, L. Kanal, R. Miller, J. Minker, D. O'Leary (Distinguished University Professor Emerita), W. Pugh, B. Shneiderman (Distinguished University Professor Emeritus), G. Stewart (Distinguished University Professor Emeritus), M. Zelkowitz

Programs

Major

- Computer Science Major (https://academiccatalog.umd.edu/undergraduate/colleges-schools/computer-mathematical-natural-sciences/computer-science/computer-science-major)

Minor

- Computer Science Minor (https://academiccatalog.umd.edu/undergraduate/colleges-schools/computer-mathematical-natural-sciences/computer-science/computer-science-minor)

Advising

All advising for CS students is done in the Computer Science Department. All CS majors must attend an advising session each semester prior to registering for classes. Additional advising information is available at http://undergrad.cs.umd.edu/academic-advising.

Opportunities

Honors Program

Students looking for opportunities to enhance their computer science education are encouraged to participate in the Computer Science Undergraduate Honors Program. The program is open to students in the CS major who have earned a GPA of 3.5 in computer science courses and a GPA of 3.25 overall. Some of the benefits of the program include the following:

1. learning how to conduct research,
2. working closely with faculty members, and
3. increasing preparedness for graduate school.

For more information about the honors program, please visit the CS Honors website: http://undergrad.cs.umd.edu/computer-science-honors

Scholarships and Financial Assistance

There are multiple endowed scholarships available to students majoring in computer science. Additional details can be found at http://undergrad.cs.umd.edu/scholarships.

Students may find employment as tutors, as undergraduate teaching assistants, or as members of the department's laboratory staff. Professors may also have funds to hire undergraduates to assist in research. Many students also participate in internship experiences, working in the computer industry during the summer after their sophomore and/or junior years.

The Office of Student Financial Aid (OSFA) administers all types of federal, state and institutional financial assistance programs and, in cooperation with other university offices, participates in the awarding of scholarships to deserving students. For information, visit: www.financialaid.umd.edu.