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FACT SHEET

Fall 2024

DEPARTMENT OF COMPUTER SCIENCE

17TH
IN THE NATION
BEST GRADUATE PROGRAMS
U.S News & World Report, 2024

OVER \$30 MILLION
**ANNUAL SPONSORED
 RESEARCH FUNDING**
FOR COMPUTER SCIENCE & UMIACS



**MOST POPULAR UNDERGRADUATE
MAJOR ON CAMPUS**

FACULTY

- 64 Tenured/tenure-track
- 25 Research/instructional
- 51 Affiliate/adjunct

FACULTY FELLOWS

- 20 ACM
- 20 IEEE
- 10 AAAS
- 7 AAAI
- 3 SIAM

STUDENTS

- 4400 Undergraduate students
- 500 Graduate students

STUDENT PROGRAMS

- Iribe Initiative for Inclusion and Diversity in Computing
- Mokhtarzada Hatchery
- ACM International Collegiate Programming Contest
- Advanced Cybersecurity Experience for Students (ACES)
- Bitcamp and Technica Hackathons

WORLDWIDE LEADERS IN CS RESEARCH

11TH
ON
CSRANKINGS.ORG

RESEARCH AREAS

- Algorithms and Theory
- Artificial Intelligence and Robotics
- Bioinformatics and Computational Biology
- Computer Vision and Machine Perception
- Cybersecurity and Cryptography
- Databases and Big Data
- Graphics, Visualization, and Virtual/Augmented Reality
- High-Performance and Scientific Computing
- Human-Computer Interaction
- Information Retrieval and Geographic Information Systems
- Internet-of-Things and Wearable Technology
- Machine Learning and Data Science
- Natural Language Processing
- Programming Languages and Software Engineering
- Quantum Computing
- Systems and Networking

RESEARCH CENTERS

- Artificial Intelligence Interdisciplinary Institute at Maryland
- Center for Bioinformatics and Computational Biology
- Center for Automation Research
- Center for Machine Learning
- Computational Linguistics and Information Processing at Maryland
- Human-Computer Interaction Laboratory
- Institute for Systems Research
- Institute for Trustworthy AI in Law & Society
- Joint Center for Quantum Information and Computer Science
- Maryland Cybersecurity Center
- University of Maryland Institute for Advanced Computer Studies

OVER 10,000 ALUMNI

CHAIR OF COMPUTER SCIENCE

Elizabeth Iribe Chair for Innovation & Phillip H. and Catherine C. Horvitz Professor of Computer Science
Matthias Zwicker



UNDERGRADUATE MAJORS AND SPECIALIZATIONS

Computer Science with Specializations in:

- Cybersecurity
- Data Science
- Machine Learning
- Quantum Information

Immersive Media Design



IRIBE INITIATIVE FOR INCLUSION & DIVERSITY IN COMPUTING

IMPACT



Over **2,700 K-12 students and educators** and over **1,200 UMD students** directly engaged with I4C programming between June 2022 and May 2023 through support from our many partners.



Over **80%** of all students served are from populations underrepresented in computing.

LEARN MORE: inclusion.cs.umd.edu

The Iribe Initiative for Inclusion and Diversity in Computing (I4C) aims to create a supportive, vibrant and inclusive community of students, educators and researchers coming together to increase the involvement—and success—of all individuals from historically marginalized populations in computing.

I4C delivers on this vision by hosting a wide variety of current student programming including mentoring, tutoring, community building, and student support—as well as K-12 outreach.

Break Through Tech DC at UMD, a national initiative committed to increasing gender equality in tech, is also housed within I4C.



CORPORATE PARTNERS IN COMPUTING

The **Corporate Partners in Computing Program (CPIC)** fosters close working relationships between the Department of Computer Science, the University of Maryland Institute for Advanced Computer Studies, and industry leaders. CPIC offers exclusive opportunities for collaboration in research, education, and undergraduate and graduate student development. Partners benefit with invitations to special events, research previews, student recruitment opportunities, and corporate recognition.

LEARN MORE: cs.umd.edu/community/partners

GIGA PARTNER



MEGA PARTNERS



KILO PARTNERS

