COLLEGE OF INFORMATION AT SHADY GROVE

The Universities at Shady Grove
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http://ischool.umd.edu/academics/bachelors-programs/bachelor-of-science-in-information-science-shady-grove/

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The University of Maryland (UMD) College of Information (INFO) is a leading research and teaching college in the field of information science. At INFO, students are prepared to be tomorrow's thought leaders in applications of information and technology for social good – fostering access to information, improving information interfaces, and expanding how information is used in an evolving world.

Through the major (designed for transfer students who have completed their associate's degree or equivalent) and minors offered at The Universities at Shady Grove campus in Montgomery County (Rockville, MD), students develop skills in technical areas alongside areas of the social sciences, leadership, and the humanities – addressing the growing and unique need for information professionals who understand complex social and organizational issues.

Our students learn from expert faculty, known for their research and scholarship, and top industry professionals who join us as prestigious lecturers. Located just outside Washington, D.C., our students have unmatched internship and career opportunities.

ACADEMIC PROGRAMS

Major

- Information Science Major at Shady Grove (https://academiccatalog.umd.edu/undergraduate/colleges-schools/universities-shady-grove/information/information-science/)

Minors

- Information Risk Management, Ethics, and Privacy Minor at Shady Grove (https://academiccatalog.umd.edu/undergraduate/colleges-schools/universities-shady-grove/information/information-risk-management-ethics-privacy/)
- Technology Innovation Leadership Minor at Shady Grove (https://academiccatalog.umd.edu/undergraduate/colleges-schools/universities-shady-grove/information/technology-innovation-leadership/)

ADVISING

Advisors will help you make informed decisions and feel confident about your plans, which will assist you in meeting your program goals. Your advisor will assist in helping you understand your degree requirements and your options, but you make the decisions, you are in charge of your education!

Please refer to your specific program to see advising information and requirements.

- Information Science Major at Shady Grove (https://academiccatalog.umd.edu/undergraduate/colleges-schools/universities-shady-grove/information/information-science/)
  - Information Risk Management, Ethics, and Privacy Minor at Shady Grove (https://academiccatalog.umd.edu/undergraduate/colleges-schools/universities-shady-grove/information/information-risk-management-ethics-privacy/)
  - Technology Innovation Leadership Minor at Shady Grove (https://academiccatalog.umd.edu/undergraduate/colleges-schools/universities-shady-grove/information/technology-innovation-leadership/)

If you are a prospective student interested in our program and would like to schedule a pre-transfer advising appointment, please email us at usginfosci@umd.edu.

OPPORTUNITIES

Undergraduate Research Experiences

Opportunities for undergraduate research experience in the INFO College's research centers become available from time to time. Participation in an on- or off-campus internship, co-op, or other experiential learning opportunity is strongly encouraged. See the Information Science program staff for information on performing research in an INFO College center or lab and contact the Campus Career Services office for assistance in obtaining off-campus positions or experiences.

Internships

Students are strongly encouraged to complete at least one internship during their course of study. The INFO College hosts an internship and networking fair in fall and spring semesters to help students find internship sites. Students should also consult the Career Center (http://www.careercenter.umd.edu) for additional internship opportunities.

The INFO College also offers a summer internship course that allows students to partner critical reflection on professional development with an existing internship opportunity.

Scholarships and Financial Assistance

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 their website (https://financialaid.umd.edu/).

Scholarships administered by the INFO College for undergraduate students include:

Undergraduate INFO Excellence Fund Award

The Undergraduate iSchool Excellence Fund Award is a merit-based scholarship given to current InfoSci students. Students interested in applying for this award must clearly state their post-baccalaureate educational and/or career goals and demonstrate how the INFO College Information Science undergraduate program is preparing them to achieve those goals. Students should highlight how Information Science courses

they have completed, and co-/extra-curricular engagement have provided them with the requisite knowledge and professional preparation to meaningfully engage in the field of information science.

Westin Scholar

The Westin Scholar is a merit-based scholarship funded by the International Association of Privacy Professionals (IAPP). It is given to an advanced InfoSci, SDSC, or InfoDesign student interested in a career in information privacy. Students interested in applying for this award must clearly state their post-baccalaureate educational and/or career goals and how those goals intersect with privacy issues. Students should highlight privacy-related courses they have completed, and co-/extra-curricular engagement in privacy topics or activities.

The award also includes 2 years of membership with the IAPP, 3 complimentary exams for IAPP certifications (CIPP, CIPM, CIPT), and unlimited access to online training for the recipient's selected IAPP certification programs.

The Turner Family Optimal Solutions Endowed Scholarship

This is a merit-based financial award given to InfoSci students who are able to demonstrate an application of information science to economics, environmental studies, public policy or other social science disciplines and provide a compelling case for how this financial assistance will aid them in obtaining their degree. Preference will be given to InfoSci students who are completing a dual major, minor, certificate, or coordinated study with the College of Behavioral and Social Sciences; but all students are encouraged to apply.

Awards and Recognition

Dean's Award for an Outstanding INFO College Project

The Dean's Award for an Outstanding INFO College Project will be presented to an INFO College student or a group of students (which includes at least one INFO College student) for an outstanding design or development project completed for an INFO College course. Projects must be nominated by a faculty member(s) and must represent outstanding work that furthers understanding by offering new insights into development or design or displays excellence in applying existing state-of-the-art methods and knowledge.

Laurence B. Heilprin Award

The Laurence B. Heilprin Award will be presented to an INFO College student or a group of students (which includes at least one INFO College student) for an outstanding paper on a topic in library and information science which has been written for an INFO College course. Papers must be nominated by faculty and must represent outstanding work that furthers understanding by offering new insights, incorporating original research, and/or analyzing existing information in new ways.

Dr. Joan Giesecke Best Student Paper on Health Informatics Award

The Dr. Joan Giesecke Best Student Paper on Health Informatics Award will be presented to a graduate student or a group of graduate students for an outstanding paper which has been written for an INFO College course and which focuses on any aspect(s) of Health Informatics. The INFO College defines Health Informatics broadly, including any work that focuses on health information management; health information technologies; health data analytics; health-related information needs or behaviors; health librarianship, etc. Papers must be nominated by

faculty and must represent outstanding work that furthers understanding by offering new insights on issues relating to Health Informatics, incorporating original research, and/or analyzing existing information in new ways.

Dean's Award for Outstanding Undergraduate Research Achievement

The Dean's Award for Outstanding Undergraduate Research Achievement will be presented to an undergraduate student or a group of undergraduate students for an outstanding research paper or project that has been completed for an INFO College course. Projects/papers must be nominated by a faculty member(s) and must represent outstanding work that furthers understanding by offering new insights into development or design or displays excellence in applying existing state-of-the-art methods and knowledge.

Special Advantages and Facilities

At the INFO College, faculty and students are exploring how people access and use information. From developing smart city technology to creating new archival methods, we seek to improve the individual experience as well as to foster connected communities. At our research centers and labs, we enable discovery, creativity, problem-solving, and fun while tackling real-world challenges and developing impactful solutions.

INFO College faculty and doctoral students also participate in or have affiliations with the University of Maryland Institute for Advanced Computer Studies (UMIACS), and the Maryland Institute for Technology in the Humanities (MITH) as well as the Departments of Computer Science, English, and Sociology, the Robert H. Smith School of Business, and the College of Education.

Research Units

The INFO College is home to a number of research centers and labs:

Advanced Information Collaboratory (AIC)

https://ai-collaboratory.net/
The Advanced Information Collaboratory (AIC), founded in Feb. 2020 by UMD Professor Dr. Richard Marciano with 9 other collaborators, is an international research network that brings together over 70 students, researchers, and partners from around the globe to:

- EXPLORE the opportunities and challenges of "disruptive technologies" for archives and records management (digital curation, machine learning, AI, etc.).
- LEVERAGE the latest technologies to unlock the hidden information in massive stores of records.
- PURSUE multidisciplinary collaborations to share relevant knowledge across domains.
- TRAIN current and future generations of information professionals to think computationally and rapidly adapt new technologies to meet their increasingly large and complex workloads.
- PROMOTE ethical information access and use.

Artificial Intelligence Interdisciplinary Institute at Maryland (AIM)

https://ischool.umd.edu/centers-and-labs/aim/

INFO Faculty: Sheena Erete

The Artificial Intelligence Interdisciplinary Institute at Maryland (AIM) is a collaborative hub for AI, supporting faculty research, offering innovative and experiential learning opportunities, and focusing on responsible and ethical AI technology to advance the public good across industry, government and society. AIM brings together researchers from across disciplines and University of Maryland (UMD) units to conduct research that responsibly advances AI technology.

Computational Linguistics and Information Processing (CLIP)

http://wiki.umiacs.umd.edu/clip/

The Computational Linguistics and Information Processing Lab (CLIP) at Maryland creates and evaluates systems that allow computers to effectively and efficiently use human language – together with large-scale information networks – to perform tasks such as search, translation, summarization and ontological reasoning. It is a part of the broader language science initiative at Maryland and of the University of Maryland Institute for Advanced Computer Studies (UMIACS).

Center for Archival Futures (CAFe)

http://cafe.ischool.umd.edu

The Center for Archival Futures (CAFe) develops and disseminates human-centered approaches to creating the systems, processes, and institutions which enable the use of and care for digital objects and data over time. We take a holistic view of archives and digital curation as a research area, education domain, and growing profession that transcends disciplines and organizational contexts.

The Human-Computer Interaction Lab (HCIL)

http://hcil.umd.edu

The Human-Computer Interaction Lab (HCIL) transforms the experience people have with new technologies. From understanding user needs to developing and evaluating the technologies that support users' needs, the lab's faculty, staff, and students have been leading the way in HCI research and teaching for over 30 years. It is critical to understand how the needs and dreams of people can be reflected in future technologies. To this end, the HCIL develops advanced user interfaces and design methodology. The primary activities include collaborative research, publication and the sponsorship of seminars and brown bag talks, workshops and an annual symposium. The HCIL, though referred to as a lab, is actually a research center that is jointly administered by the INFO College and UMIACS, and has multiple labs, faculty, and students associated with it.

Immigration and International Information Research Alliance (i3r@UMD)

https://ischool.umd.edu/centers-and-labs/i3rumd/

The Immigration and International Information Research Alliance, or i3r@UMD, is a group of UMD College of Information faculty researchers, graduate students, and staff who investigate and advance immigrants' information access. Their goal is to:

1. Produce evidence-based tools to strengthen immigrants' trust in information.
2. Offer research support through various gatherings.
3. Promote information professionals' awareness of community members' lived experiences.

Maryland Initiative for Digital Accessibility (MIDA)

https://ischool.umd.edu/centers-and-labs/mida/

Over 20% of people are excluded from education, employment, and healthcare due to inaccessible digital technologies and content. Digital technologies (such as software apps, websites, digital documents, and operating systems) are often designed without considering the needs of people with disabilities.

The Maryland Initiative for Digital Accessibility (MIDA) combines the expertise and passion of researchers, designers, developers and educators from multiple disciplines at the University of Maryland with a united goal of making digital technologies accessible for all. MIDA aims to involve the disability community, private and public partners, and anyone interested in accessibility issues, in technology development projects, public outreach programs and advocacy. We will collaborate with others to proactively build in accessibility when developing new technologies – known as the "born accessible" approach.

Organizational Teams & Technology Society (OTTRS)

https://ischool.umd.edu/centers-and-labs/ottrs/

The Organizational Teams and Technology Research Society (OTTRS) aims to advance research and collaboration on the study of teams as relevant to technology and information. Topics include, but are not limited to, teams and artificial intelligence, technology to support different types of teams, collaborative learning, ethics in teams and technology, leveraging technology to improve the study of teams, and more. While we have a human focus, we are inspired by computational potential and technological advances. We explicitly welcome multiple and interdisciplinary approaches.

Trace Research and Development Center

http://trace.umd.edu

The Trace Center's purpose is to apply engineering, computer science, disability studies, public policy, and information science to prevent the barriers to, and capitalize on the opportunities presented by, current and emerging information and communication technologies. Our vision is of a world that is accessible and usable by people of all ages and all abilities – each experiencing ICT in a way they can understand and use. Founded in 1971, Trace has been a pioneer known for high-impact research and development, including access features implemented in computer operating systems, leadership in development of Web Content Accessibility Guidelines and many other accessibility standards, and techniques used to increase the accessibility of self-service kiosks in post offices, train stations, and airports. Trace is currently a leader in the development and large-scale deployment of a Global Public Inclusive Infrastructure that combines cloud computing, web, and platform services to make online information and services available for people facing accessibility barriers.

Social Data Science Center (SoDa)

http://socialdatascience.umd.edu

The Social Data Science Center (SoDa) – a Center established by the College of Information and the Joint Program in Survey Methodology (JPSM) within the College of Behavioral and Social Sciences – is an inter-disciplinary academic and research center. SoDa plans to sponsor seminars, workshops and focused conferences designed to bring attention to the rapidly expanding universe of digitized data and new forms of behavioral data, as well as developments in data science that can benefit investigators in the social sciences.