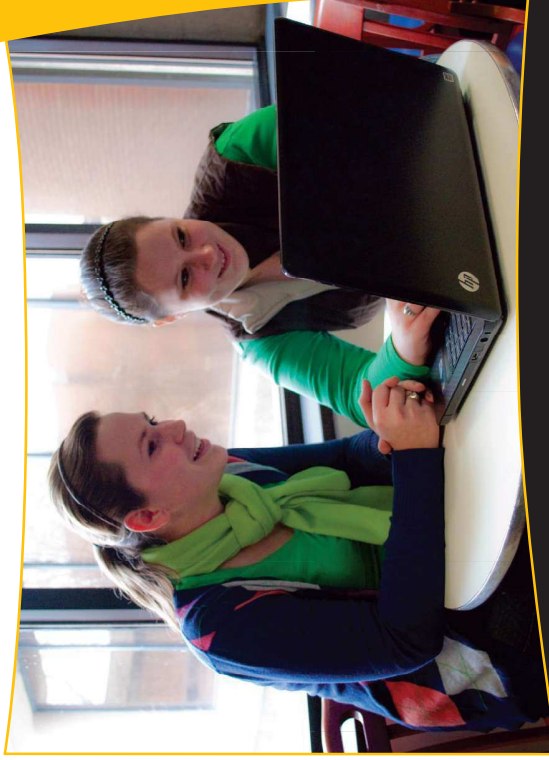




The Center for Women in Technology



STOP BY!

Contact us to learn more about CWIT Scholarships, UMBC Inspiring Scholars Days, arranging an information session at your high school, and our Bits and Bytes overnight program for high school girls.

Stop by the CWIT office (ITE 452) to learn more about the CWIT Affiliates Program. Connect with members of the CWIT community through the CWIT Student Council and visit the CWIT website for our calendar of events: www.cwit.umbc.edu.

CWIT STAFF:

Dr. Penny Rheingans, Director, rheingan@umbc.edu
Dr. Susan Martin, Associate Director, susan@umbc.edu
Ms. Katie Glasser, Assistant Director, kglasser@umbc.edu



CWIT 2010-2011 STUDENT COUNCIL

(L to R) Alex Markowski (C7, Computer Science), Amy Chou (C7, Chemical Engineering), Thomas Davis (SITE, Computer Science), Paridhi Jain (C6, Information Systems), Shreya Mohan (C8, Information Systems), Andrea Robinson (C6, Computer Engineering),

The Center for Women in Technology (CWIT) is dedicated to increasing the representation of women in the creation of technology and in information technology and engineering (ITE) careers.

UMBC

**A N H O R S
U N I V E R S I T Y
I N M A R Y L A N D**

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www.cwit.umbc.edu

CWIT students are pursuing Bachelor's degrees in Computer Science, Computer Engineering, Chemical Engineering, Mechanical Engineering, Information Systems, and Business Technology Administration.

CWIT GOALS:

1. **SUSTAINING VIBRANT SCHOLAR PROGRAMS:** CWIT Scholars participate in academic, professional development, and personal enrichment activities to enhance their success and increase retention.
2. **FOSTERING SUPPORTIVE COMMUNITY:** We build community through the CWIT Affiliates Program and other outreach to women in IT and engineering majors at UMBC. Our goal is to increase the success of women in IT and engineering majors by engaging and connecting students with one another, faculty, campus resources and industry representatives.
3. **CONDUCTING HIGH SCHOOL OUTREACH:** CWIT's Bits and Bytes program brings high school girls to campus overnight to learn about ITE careers and COEIT majors. CWIT staff also do high school visits and participate in UMBC Admissions events to educate girls about opportunities in engineering and IT.
4. **IMPROVING THE LEARNING AND GENDER CLIMATE IN COEIT:** CWIT conducts and shares the results of a climate survey with academic departments to improve the student experience. CWIT also partners with faculty conducting funded research on topics related to the education and retention of women in engineering and IT fields.

SCHOLARS PROGRAM

Each year CWIT awards approximately 12-15 CWIT Scholarships to freshmen women and men in information technology and engineering majors. CWIT Scholars have access to multiple supports to enhance their academic success and personal development. They participate in monthly one-on-one meetings with the Center's staff, study groups, career development events, and are involved in service activities in the community. A mentoring program and a dedicated floor in a residence hall, known as a Living Learning Community, also support the success of Scholars. Application deadlines and information can be found at www.umbc.edu/undergraduate/learn/cwit.ntmi.

FOSTERING A SUPPORTIVE COMMUNITY FOR ALL WOMEN IN ITE MAJORS AT UMBC

CWIT's expanded Affiliates Program selects and provides structured academic, personal, and professional development support to approximately 15-20 incoming women (and men) in COEIT each year. In addition, the goal of CWIT's ongoing outreach to all women in COEIT is to increase their knowledge of and participation in relevant CWIT, COEIT and campus events. CWIT staff and the CWIT Student Council collaborate with other engineering student organizations, Career Services, The Shriner Center, and other partners to plan social and professional development events.

Fast Facts

90% = Retention Rate of Scholars in a College of Engineering and Information Technology Major

3.5/4.0 = Average Cumulative College GPA of CWIT Scholars.

100% of all first-year scholars live on the CWIT Living Learning Community

52% of all Scholars are majoring in Computer Science, Computer Engineering, or Information Systems

CWIT graduates are successfully employed in private industry and public positions such as:

- Deloitte
- General Electric
- IBM
- Lockheed Martin
- Northrop Grumman
- NSA
- Raytheon Solipsys
- Other companies and government agencies in the region

CWIT graduates also enrolled in master's and Ph.D. programs at Johns Hopkins University, École polytechnique fédérale de Lausanne, UMBC and others.

FEATURED STUDENT AND ALUMNA

Lillian Johnson '13



Lily came to UMBC already immersed in the CWIT community thanks to a retreat held for incoming scholars. CWIT staff and students create a

community full of support, empowerment and scholarship, one that welcomed Lily with open arms. Currently a Chemical Engineering major, she is the President of the Society of Women Engineers, an organization that provides outreach in the local area, such as bringing engineering in a hands-on way to high school and middle school students. As Lily decides where her career is headed, CWIT is giving her the community, hands-on research, tools and network to reach the career of her dreams.

Lindsay Cox '06



As a Senior Systems Analyst for Erickson Living, Lindsay credits CWIT for bringing her to UMBC and giving her the confidence to pursue her dream career. An active alumna, she attends CWIT alumni picnics and participates

in Scholarship Selection Days. When considering where to attend college, Lindsay chose UMBC because the CWIT scholars program offered a community that no other university could offer. CWIT helped her build friendships, professional experiences and networking that resulted in a successful career in Information Systems and a life-long set of friends.