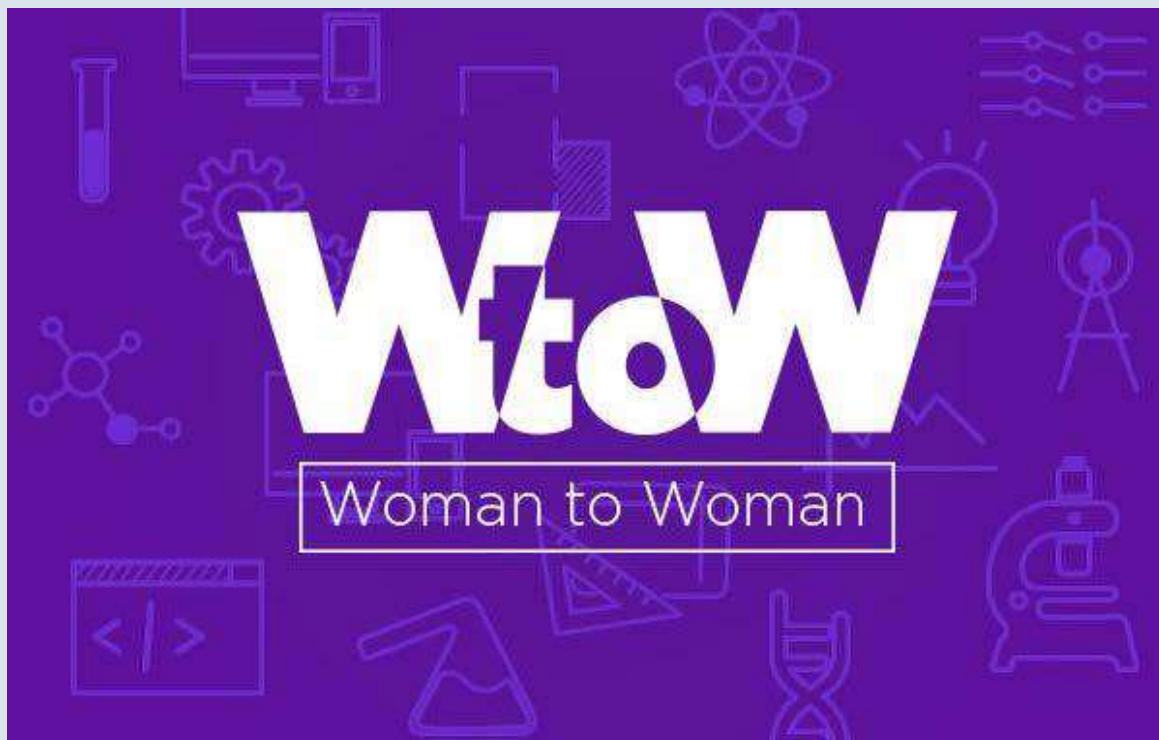


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May 2016 Edition

Congratulations to all graduating May 23rd at the NYU Tandon School of Engineering ceremony! In celebration, this edition of Woman to Woman will highlight a few of the best and brightest of the Class of 2016. Congratulations!



Upcoming Events: Current Students

2016 Facebook Grace Hopper Women in Computing Scholarship

Facebook is committed to advancing women in technology, and we are very excited to announce the 2016 Facebook Grace Hopper Women in Computing Scholarship!

This fall we'll join thousands of remarkable women in technology in Houston from October 19-21, 2016 for our ninth year at the Grace Hopper Celebration of Women in Computing. This unique scholarship program gives 50 women excelling in Computer Science the opportunity not only to attend the Celebration, but to spend valuable days before the conference with Facebook engineers learning, collaborating, and preparing for the conference.

Facebook will cover the cost of travel, the cost of a conference ticket + a stipend for any additional expenses. For those selected to attend with Facebook — there will be some pre-programming events that also take place! The application is open through 6/15 and students will be notified by mid-July! Facebook is targeting 2017 and 2018 grads, but all are welcome to apply!

We look forward to celebrating with you in Houston!

Application Deadline

Applications open on Sunday, May 1, 2016 at 12:01am PST.

Completed applications are due by Wednesday, June 15, 2016 at 11:59am PST.

(Applications may be saved and edited up until application deadline)

APPLY via <https://www.facebook.com/careers/program/gracehopper2016/>

INTEGRATED DIGITAL MEDIA STUDENT SHOWCASE SPRING 2016

Digital art, physical computing, video games, videography, and explorations in storytelling

Brooklyn, New York: New York University's Tandon School of Engineering is excited to present its annual IDM Student Showcase, a major-wide digital art show that brings in the work from students in the Integrated Digital Media department ranging from audio, visual, experimental video games, motion capture, augmented reality, and much more.

Taking place on Thursday, May 12th at 6:30pm - 9:30pm, the artists and engineers from the Integrated Digital Media Program will debut installations and projects that address notions of spectatorship and human interaction in the age of new media and evolving technologies.

The Showcase will be split into three sections: Experiences, Stories, and Curios.

Experiences have inputs from participants and outputs accordingly. Stories encompass the ability for our students to convey deep emotional messages, powerful agendas, and capture the complexity we face every day. Curios are physical creation by our students, showing our adept range as artist, engineers, and technologists.

The IDM Showcase will take place at NYU's Media and Games Network (MAGNET) on the 8th Floor of 2 MetroTech Center in Downtown Brooklyn. The event is free of charge.



Community Updates

CS Women's Coding Sessions Recap:

Coming to the close of it's second year, the CS Women's group held it's last general body meeting/Coding Session on Tuesday, May 1st. Meetings will commence again in the fall.

If you wish to join the group please be sure to join the Facebook page and email Crystal Dilonez <cdilonez@nyu.edu> to join the CSWomen@nyu.edu list serve.

Spring Conference Recap:

ACM-W Celebration of Women in CS

@ Lake George--4/8-4/9

The Sheroes featured received full sponsorship to attend this national conference.

Meghan R Clark (Tandon, BS CS, Graduating Senior)
Tanzila Rahman (Tandon, BS CS, Rising Sophomore)
Kristin Moser (Tandon, BS CS, Rising Junior)
Kim Phillip (Tandon, BS Comp E, Rising Junior)
Emily Wicki (Tandon, BS CS, Rising Junior)
Victoria M Sykora-lovaas (BS CS, Rising Sophomore)

ACM-W Conference for Women Computer Science Students @ Microsoft, Times Square--4/1

The Sheroes featured receives full sponsorship to attend this tri-state regional conference.

Left to right:

Victoria M Sykora-lovaas (Tandon, BS CS, Rising Sophomore)
Ashley Lee (Tandon, BS CS, Rising Sophomore)

Sanjna Verma (CAS, BS CS, Graduating Senior)

Women in Cyber Security @Houston, Texas

Emily Wicki (Tandon, BS CS, Rising Junior) received a full-scholarship to attend and present at the conference.

Urban Assembly Institute Spring 2016 Final

Presentations





Tandon WEST April 2016

Tandon School of Engineering Women in Engineering, Science and Technology (Tandon-WEST) is held twice a year at the Fall Open House and the Weekend on the Square admitted student event. Tandon-WEST provides prospective students and admitted students with the opportunity to find out about the accomplishments of NYU women in fields traditionally dominated by men. Parents and high school students from the region gather at the university to network with established professionals and faculty, as well as women currently enrolled at the NYU School of Engineering discuss their experiences.

The incoming Class of 2020 will see the highest number of women enrollment in the history of NYU Tandon School of Engineering. Please welcome members of the class of 2020!

Please enjoy scenes from the April 2016 Tandon WEST event below!









Wasserman Center for Career Development Updates

Attention: Class of 2016 & 2017

RESUME BOOK COLLECTION

May 2 - May 19

Have your resume viewed by hundreds of employers hiring for internship and full-time opportunities with top organizations. To participate, your resume must be **reviewed and approved** by the Wasserman Center (online or in-person) and you must complete the **electronic submission** through NYU CareerNet.

Resume Requirements:

- Review the [Best Practices Checklist & Resume Samples](#) for content and formatting guidelines.
- Resumes must meet all the [Basic Tips](#) guidelines in order to be approved.

Resume Review & Approval:

- 1028733
- **IN-PERSON Resume Review:** Bring a printed copy of your resume to the Wasserman Center during [walk-in hours](#). **Deadline: May 19th at 3:00PM EST**

[Rock Your LinkedIn Profile! Hosted by LinkedIn](#)

May 10, 3:30pm | Wasserman Center Presentation Room B

Hear from LinkedIn on how to distinguish yourself with your profile and leverage the platform to build connections, knowledge, and skills. There will also be a demo of the newly launched LinkedIn Students App!

Buzzfile: Employers by Major

Employers by Major is an online database of 18 million companies and potential employers of 150 majors for you to explore freely. Through this interactive website, you can perform company and industry research, build and save search criteria, as well as create a personalized prospect list. Now you can easily identify employers that match your requirements and even get more details about companies that may be of interest to you! Check out this resource today!

Science Careers

Search hundreds of great opportunities for research, fellowships, and professional positions in the STEM fields. Targeted towards those with advanced degrees, Science Careers is a wonderful site used to explore STEM and is supported by free booklets, forums, how-to guides, blogs, webinars, and more.

WTS Advancing Women in Transportation Greater New York Chapter Scholarships

To assist women pursuing education and professional careers in transportation-related fields, the Greater New York Chapter of WTS invites eligible women to apply for scholarships, including:

- **TransitCenter Graduate Scholarship** for \$5000 is awarded to outstanding graduate level students who are pursuing careers in transportation.
- **Leonard Braun Memorial Graduate Scholarship** for \$4000 is awarded to encourage women to pursue career paths in transportation. The local winner may advance to the national Helen M. Overly Memorial Scholarship competition.
- **Susan Miszkowicz Memorial Undergraduate Scholarship** for \$3500 is awarded to encourage bright new professionals to undertake careers in transportation and related fields. The local winner may advance to the national Sharon D. Banks Memorial Undergraduate Scholarship competition.
- **Molitoris Leadership Scholarship for Undergraduates** for \$3500 is awarded to a woman that demonstrates leadership skills, ability and interest in the field of transportation and related fields. The local winner may advance to the national Molitoris Leadership Scholarship competition.
- **Trade School and Community College Scholarship** for \$1000 is awarded to encourage women to pursue career paths in transportation.
- **Transportation YOU High School Scholarship** for \$1000 is awarded to outstanding high schools students interested in undertaking careers in transportation and studying math, science, engineering or technology.
- **National Leadership Legacy Award:** Although there is no local award for this graduate-level leadership scholarship, we may advance one local applicant to the national competition.
- **Susan L. Kupferman Memorial Undergraduate Scholarship** for \$500 is awarded to New York City undergraduate students who graduated from a New York City public high school and is interested in undertaking careers in the field of transportation and related fields.

Application forms are located at: <http://www.wtsinternational.org/greaternewyork//scholarships/>

Eligible female applicants must meet the following criteria:

- GPA of 3.00
- Enrolled in or accepted to a degree program in a transportation-related field, such as engineering, planning and logistics, in New York and New Jersey
- Plan for career in transportation
- Special criteria as noted on the individual application forms

Questions can be emailed to wtsgnyscholarship@gmail.com. Applications must be postmarked or emailed no later than **Friday, June 10, 2016**.

Email the completed package (with all forms and backup materials) to wtsgnyscholarship@gmail.com or mail to:

Danielle Drake
Attn: Scholarship
605 Third Ave., 29th Floor
New York, NY 10158

WTS Advancing Women in Transportation is an international organization with 38 chapters (including Canada and the U.K.) serving over 4000 transportation professionals committed to excellence in the transportation industry. The organization provides a forum for the exchange of information, ideas, expertise; encourages the professional development of its members; and promotes industry recognition of women.

Faculty & Staff

NYU iLearn Professional Development Summer Courses

NYUiLearn allows you to focus on your key professional development needs at the University on a single, secure online system. You will find a variety of programs and opportunities offered by the Office of Talent, Learning, and Organizational

Development; the Controller's Division; Environmental Health and Safety; the Office of Sponsored Programs; ITS; the LiveSmart wellness program; and more.

NYU iLearn Professional Development Offers Courses in the following subjects:

- CAREER ADVANCEMENT AT NYU
- PROFESSIONAL EFFECTIVENESS: COMMUNICATION
- PROFESSIONAL EFFECTIVENESS: CUSTOMER SERVICE
- PROFESSIONAL EFFECTIVENESS
- LEADERSHIP: CRITICAL SKILLS FOR EMERGING LEADERS
- LEADERSHIP: TRANSITIONING TO SUPERVISION
- LEADERSHIP
- TECHNOLOGY
- WORKING AT NYU
- SAFETY & COMPLIANCE

K12 STEM Education Summer Programs

We focus on developing lessons and techniques that bring together STEM disciplines and concepts through creative hands-on projects and experiments. We provide programs which train teachers in how to bring these techniques to the classroom as well as programs for K12 students directly. Engineering, which is the application of science and technology, is a powerful lens for young people through which to view—and truly appreciate—the rules of

the natural world.

- Programs for Educators
- Opportunities in Robotics, Mechatronics and Urban Engineering
- Opportunities in Cybersecurity
- Programs for K-12 Students

To learn more, visit <http://engineering.nyu.edu/k12stem>

NYU Tandon School of Engineering History



Eleanor Baum '64: Engineering was my “big rebellion”

When alumna Eleanor Baum told her mother she wanted to be an engineer, her mother said, "You can do that! People will think you're weird and no one will marry you." While Baum was usually the type of child who wanted to please, her pursuit of engineering was different. She excelled in and enjoyed her advanced physics and math classes in high school and she resisted the notion that "only boys become engineers." Despite her high marks, even high school teachers and guidance counselors tried to steer her away from engineering; they told her if she liked math, she could be an elementary school math teacher. One engineering school she applied to refused to admit her, explaining they did not have sufficient bathrooms for women. Pushing past these obstacles, Baum was accepted to City College of New York, as the only woman in her class, in 1954. In 1964, Baum earned a PhD in electrical engineering from the Polytechnic Institute of Brooklyn (now NYU Tandon).

Baum's pursuit of not only engineering, but engineering education for women, did not end with her advanced degree. She went on to become the first female dean of an engineering school in the United States, at Pratt Institute's School of Engineering, in 1984. Following Pratt, Baum became the dean of engineering at Cooper Union's Engineering School in 1987; she is now dean emeritus. In 1995 Baum became the first woman to be elected president of the American Society for Engineering Education and in 2007 she was inducted into the National Women's Hall of Fame. Upon her induction, it was noted that Baum, "[s]pent over twenty years vigorously promoting engineering as a profession, particularly for women. Recognizing the stereotypical

image of the white male engineer, Dr. Baum worked to dispel such thinking by actively encouraging young women and minorities to pursue careers within the profession. When she became dean at Cooper Union, 5% of the student body was female. Under Dr. Baum's leadership, that number increased to 40%."

To learn more about Baum, [watch video clips from her oral history interview](#) on SWE's website.

Class of 2016 All Star

May Vutrapongvatana

Science and Technology Studies, BS

May will be attending New York Law School-Class of 2019 and hopes to study International Human Rights Law. She received the Dean's Scholar Scholarship Award along with her acceptance.

In addition to STS, she also has a Public Health minor from the square and was actively involved with clubs and student affairs during her time on campus.



President's Service Awards

The purpose of the President's Service Award is to recognize the distinguished achievements of undergraduate, graduate, and professional students and student organizations for their commitment to civic engagement and service in local communities across the University's global network or for their promotion of learning, leadership, and quality of student life at New York University. This year, the following student's from NYU Tandon School of Engineering were recognized:

Chandrika Khanduri (Tandon, BS CS, Rising Senior)
Benson Tsai (Tandon, BS/MS CS, Rising Senior)
Emily Wicki (Tandon, BS CS, Rising Junior)
Ana Carolina Bolsoni (Tandon, BS Comp E, Rising Junior)
Earl Vanze Co (Tandon, BS Comp E, Graduating Senior)



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