

*Connecting today's women
tomorrow's opportunities*

Special Notice:

Because of the storm and its aftermath, some common exam schedules have changed. For the latest information, click [here](#).

Malala Yousafzai



Malala Yousafzai has become an international icon for her passionate advocacy for a woman's right to education and has drawn the wrath of the Taliban. Her life was repeatedly threatened, and on October 10th she was dragged from her

In my science fiction film class, we often talk about the hidden fragility of the "technological envelope" within which we habitually cocoon ourselves, like a child wrapping itself in a security blanket. Now, suddenly, that fragility is no longer so hidden; and security, material and emotional, is in short supply. Being powerless (grid-wise) reminds us how little power we have existentially over the interconnected forces we call Nature. It also reminds us that our own human interconnectedness is our greatest resource as a species. Although I have witnessed fights at gas stations and felt the irritability that comes from being cold, tired, and wet, I have also been touched by the efforts of so many people in the Murray Center network to reach out to each other, checking in to make sure that everybody is OK and offering help if they are not. Connecting NJIT women to each other and to the resources they need to thrive is the central goal of the Murray Center, and of the NJIT Advance Project as well; and we are reenergized to that work by this dramatic reminder of how important it is not to let anybody feel they have to ride it out alone in the dark...whatever "it" is at the moment.

With that homily in mind, we offer you the Murray Center's mid-fall newsletter. It's full of info about people you know or people you might want to know in the process of building a network that can sustain you in your career, and in your life.

Nancy



Dr. Nancy Steffen-Fluhr, Director

school bus and shot in the head and neck. Miraculously, not only has Malala survived, her doctors expect a full recovery and a petition has been launched to nominate her for the Nobel Peace Prize. Thousands of articles have been written about this extraordinary young woman, but NYT columnist, [Nicholas Kristof](#), provides an especially vivid account of the plight of girls worldwide and raises some provocative questions about how we value education.

Murray Center Calendar

November 8-10:
3 Days of Energy/A Lifetime of Opportunity - the Society of Women Engineers national conference at the George R. Brown Convention Center in Houston, Texas.

Monday, November 12:
Registration for Winter semester opens.

Thursday, November 15:
Deadline to apply for May, 2013 graduation.

Monday, November 19:
Registration for Spring semester opens.

Tuesday, November 20:
NJIT/Rutgers follow a Thursday schedule.

November 22-24:
Thanksgiving Break.

November 28:
Faculty/Staff Work-Life Satisfaction Workshop.
Save the date!

NJIT Women to Watch: Liz DeCarlo



The Murray Center salutes Liz DeCarlo, Class of 2014. Liz is a double major -- Civil Engineering and Theater Arts and Technology, with her sights set on a career as an engineer in the theater. Her dream job: being part of the team that designs and builds the sets for major theatrical productions.

For the past 2 years, Liz has spent one night a week as a volunteer EMT for the Lyndhurst Police Emergency Squad. The squad is somewhat of a DeCarlo family affair -- Liz's dad has been a member for 40 years, and her older sister joined 10 years ago. When Hurricane Sandy slammed into the tri-state area, Liz spent much of her time behind the wheel of an ambulance, bringing people with serious medical issues to local health care facilities. As the storm intensified, many roads were flooded, but in spite of some 'white knuckle' moments, Liz successfully navigated alternative routes, safely delivering her patients.

In addition to a heavy academic load and her work as an EMT, Liz is an active member of the NJIT community. She served as a Murray Center Ambassador during the 2011-2012 school year, and she is currently the treasurer for the HERO campaign against drunk driving. She is also vice president of Chi Epsilon, the National Civil Engineering Honor Society and is a member of the Rutgers/ NJIT improvisational group, IT: Improv Technicians.

Not only do we salute Liz, we all owe her and her many 'first responder' colleagues a collective 'thank you' for their exceptional work. Great job, Liz!

Murray Center Media Picks

Election 2012: [An unprecedented number of women were victorious in recent elections](#), bringing fresh, richly diverse leadership to federal, state and local offices.

The American Association of University Women has just released "[Graduating to a Pay Gap](#)," a report that examines gender and pay equity.

STEMconnector, the self-proclaimed one-stop-shop for all things STEM, has compiled a poster and interactive listing of [100 of the top women in STEM today](#).

Keep this one handy: An invaluable list of [40 online resources for 'sisters-in-STEM.'](#)

Over the last decade, NASA has [dramatically increased the number of female supervisors and women aerospace engineers](#).

From the New York Times: Educators weigh in on a recent [Yale study that reveals the bias against women in science](#).

Recent Events

September 1, Move-In Day: The Murray Center Ambassadors fanned out to welcome the 2012-2013 class of Murray Scholars with invitations to activities, both official and informal, and gift bags containing tee-shirts that encourage "thinking outside the box."



NJIT President Joel Bloom and Murray Center Scholars at the welcome luncheon

September 7, Welcome Luncheon: The Murray Center Ambassadors and Dr. Nancy Steffen Fluhr formally welcomed the 2012-2013 Murray Scholars. Two unexpected but very welcome drop-in visitors, NJIT President, Joel Bloom, and Dr. Charles Fey, V.P. of Academic Support and Student Services joined Dean Thomas, Dean Morgan, Dr. Boger and NJIT's Math Ambassador, Dr. Bruce Bukiet at the event.

September 20: Wrap-up reception for the NJIT ADVANCE Faculty Career Advancement Network program, a year-long mentoring initiative that connected junior faculty with senior members of NJIT's academic community. Dr. Katia Passerini presented certificates to Tara Alvarez, John Federici, Priscilla Nelson, and Judith Sheft for exceptional service.

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Wrapping up the NJIT ADVANCE Mentors & Mentees program

October 8: The Murray Center and the Committee for Women's Issues hosted the annual ACE-Network Welcome Breakfast, an event that allows new women colleague to meet and mingle with NJIT's female faculty and staff. The participants applauded Yasmine Aly, the recipient of the Constance Murray Graduate Student Scholarship, and Kristen Roque who was awarded the ACE-Network Undergraduate Scholarship.



Scholarship recipients Yasmine Aly and Kristen Roque

October 21: The Murray Center information brunch for prospective women students, held prior to NJIT's Open House, drew an SRO crowd. Murray Center staff, Ambassadors and current students were on hand to welcome visitors and provide information about everything from campus life to academics. Many thanks to Provost Ian Gatley, BME professor Tara Alvarez, and the other representatives from NJIT departments who dropped by to provide additional information and answer questions.




Murray Center Staff, Ambassadors, and students at the NJIT Open House

Scholarships, Research Experiences for Undergraduates (REU) and Other Resources

The American Association of University Women is offering selected graduate fellowships in architecture, computer/information sciences, engineering, and mathematics/statistics, plus fellowships to women of color, who have been underrepresented in business administration, law and medicine. Click [here](#) for details.

The Vanguard Women in Information Technology Scholarship Program provides merit-based scholarships of up to \$10,000 to female students entering their junior or senior year of college during the 2013 school year. Scholarship applicants must demonstrate academic excellence and be pursuing studies in computer science, computer engineering, web design or other IT-related discipline. Application deadline: November 30, 2012. Click [here](#) for details.

Get in line now for information about the latest **Anita Borg/Google Scholarship Programs** for 2013. Awards are available for women in STEM, Hispanics, African Americans and other minority groups under the wide Google umbrella. Sign up for announcements and apply early. Click [here](#) for details.



The American Mathematical Society has an impressive roster of corporations and organizations that offer internships and co-op opportunities. Most affiliated corporations and organizations are accepting applications now for Summer 2013 programs. Click [here](#) for more information.

And remember...**New Jersey's Higher Education Student Assistance Authority (HESAA)** is a valuable source of information about financial assistance for college students and their families. Log on [here](#).

