



*Connecting today's women to tomorrow's opportunities*

**Lillian Gilbreth**



"It's not good to be envied. But if you have to be envied, it's better to be envied for what you are than for what you own."  
- Lillian Gilbreth

In 1997, NJIT's Murray Center for Women in Technology established an annual colloquium during Women's History Month (March) in honor of industrial engineer Dr. Lillian Moller Gilbreth (1878-1972), one of the pioneering systems thinkers of the 20th century. An expert in motion studies, Gilbreth refocused the attention of

As we walk around campus every day, we tend to think of NJIT as a series of physical spaces-Cullimore, Faculty, Tiernan, Fenster. Universities are more than buildings, however. And more than organization charts. They are webs of human interaction whose complex structure is largely invisible to the people embedded in them. That's where NJIT ADVANCE comes in: we make the invisible visible.



Nancy Steffen-Fluhr

Want to know how? Take a look at our latest Podcast.

**Research Interests Map Tool**

NJIT - Middle States: NJIT ADVANCE Project

There is a lot more to say...about NJIT Advance and about the advance of women in general. This month, however, I thought I'd let some other voices do the talking. Listen to what New Jersey native Meryl Streep has to say as she introduces Secretary of State Hillary Clinton at the Women of the World Summit 2012.

engineers on the human element in work. Her 1911 book *The Psychology of Management* is the foundation on which modern industrial management theory and practice is built. In the 1940s, Gilbreth became the first female professor to teach at Newark College of Engineering.

## Murray Center Calendar

Tick, Tock. The Spring semester is almost over and finals will be here before you know it. Get ready by joining the Murray Center Ambassadors and SWE members for their weekly study sessions. Bring your homework, old exams and questions on Tuesdays, from 6pm-9pm in Campus Center Room 235.

### March 28, 3:00-4:30pm

Campus Center Atrium  
16th Annual Lillian Gilbreth Colloquium  
"Paving the Way to a Smarter World: Creativity in Engineering Education"  
Santosh Kurinec, Department of Microelectronic Engineering, Rochester Institute of Technology. For more information contact Talina Knox at [knoxt@njit.edu](mailto:knoxt@njit.edu).

### March 28, 6:45 p.m. - 8:45 p.m.

NJIT Speed Networking, Campus Center Ballroom  
Meet over 50 successful NJIT alumni and employers; develop networking skills and build your network of contacts; learn how to strategize and use your network effectively.

Register [here](#)

### SWE REGIONAL CONFERENCE

**Friday, March 30** - Networking Reception, New York Hilton  
**Saturday, March 31** - Engineering Exploration Experience

Hosted by Columbia University and New York Society of Women Engineers  
Lerner C555, Lerner Hall, Columbia University



Women in the World 2012: Meryl Streep's Tribute to Hillary Clinton

And then, hear the address of Secretary of State Hillary Rodham Clinton as she gives a candid and inspirational snapshot of how she sees her own work and the role of women in today's world.



Secretary Clinton Delivers Remarks at the 2012 Women in the World Summit

Hope you've enjoyed the show,

*Nancy*

**April 4, 6pm-9pm**

You are Cordially invited to join NJIT's Society of Women Engineers for their Annual Networking Night and Awards Reception in the Campus Center Atrium. RSVP [here](#).

## Murray Center Media Picks

The Daily Beast, founded by legendary publisher, Tina Brown, held its 3rd annual Women In The World Summit at Lincoln Center. Take a moment to [meet some of the 150 extraordinary women honored for "shaking up the world"](#) at this year's event.

Sophia Chung, a software engineer at Facebook, addresses [female stereotyping in the testosterone-fueled environment of Silicon Valley](#).

[How do we increase the number of women in technology?](#) C/Net blogger, Ben Parr, makes the case that first we've got to change the culture in the workplace.

Ivo Lukas, social media entrepreneur and blogger, asks the question: "Where and calls for increasing STEM-related educational opportunities for women."

A recent study confirms our worst suspicions: [male scientists receive a disproportionate number of research prizes and recognition compared to their female counterparts](#)

In observance of Women's History Month, Fazeela Siddiqui, Program Manager, Women's Islamic Initiative in Spirituality and Equality, introduces us to [10 Muslim Women Everyone Should Know](#).

March 23rd marks the 101st anniversary of the Triangle Shirtwaist Factory Fire, a tragic

## Recent Events

**March 2** - NJIT's SWE Undergraduate Section sponsored a night filled with information, fun, food and fundraising, including manicures and henna sessions. A special thank you to Tooba Fiaz's mother, Robina Hussain, and little sister, Salina Fiaz, for bringing their special talents to the evening.



Henna sessions

**March 7** - NJIT ADVANCE and the Office of Technology Development co-sponsored the 3rd Annual ADVANCE Innovation and Collaboration Research Showcase - SOCIAL MEDIA - Tools to Enhance Collaboration & Business Potential. A capacity crowd attended the event which included a research poster session, luncheon and panel discussion. Dr. Shanthi Gopalakrishnan, NJIT, Professor and Associate Dean, School of Management, moderated; participating panelists were Jeanne Sullivan of StarVest Partners, LP, Peggy McHale of Consultants2Go, Lindsey Holmes of LCH Partners, Caren Martineau of HME Management, and Dr. Nancy Steffen Fluhr, NJIT, Associate Professor, Humanities. The event was attended by members of the NJIT and business communities.

event that lead to massive reforms in workplace and worker safety . The U.S. Department of Labor just launched a [website](#) that gives the history of the fire and the far-reaching reforms it precipitated that are still in place today.

## Catch Up On Our Past E-Newsletters!

[April 2011](#)

[May 2011](#)

[Summer 2011](#)

[Fall 2011](#)

[October 2011](#)

[November 2011](#)

[December 2011](#)

[January 2012](#)

[February 2012](#)



3rd Annual ADVANCE Innovation and Collaboration Research Showcase

**March 21** - This year's theme for Women's History Month is "Women Achieving Success: Empowering Through Education" and SWE and NSBE teamed up to host a panel discussion to explore this important issue. Panels Marisa Chambers of PSE&G, Suzanne McIntosh of IBM, Chitra Venkatraman of Alcatel-Lucent, and NJIT PhD candidate, Priya Santhanam shared their experiences as professional women in science and technology. Topics included how each navigates their careers as professional women, deals with gender bias and achieves a 'life/work' balance. The panel was followed by a lively and informative Q & A session.



Panel discussion with Marisa Chambers, Suzanne McIntosh, Chitra Venkatraman, and Priya Santhanam

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**March 23 - March 26** - The undergraduate and graduate sections of SWE are holding their annual elections, and this year voters able to both review candidates' speeches and vote online. The polls closed at 10AM on Monday, March 26th and the winners will be announced later in the week. For more info visit the [SWE website](#).

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

Provost's Summer Undergraduate Research initiative is now in its second year. The initiative is designed to provide NJIT's undergraduate students with exposure to research and research methods in cutting-edge areas under the mentorship of faculty leaders. Application deadline: April 5, 2012. For details click [here](#).

Wireless@Virginia Tech. REU for Summer 2012 now accepting applications. A 9 week opportunity to explore the cutting edge in communications, focusing on wireless networking and cognitive radios and their application. Benefits include a stipend, free housing and travel allowance. Application deadline: April 13, 2012. For more information click [here](#).

NJIT Neuro-Engineering Summer Research Program is accepting applications. A 10 week opportunity that integrates engineering and medicine, offering research projects in neuromuscular control, multicellular neural tissue engineering, neurofunctional and neurobehavioral analysis and materials for neural tissue engineering. REU includes stipend, travel allowance and free on-campus housing. For more information click [here](#).

The Center for Computational Sciences and Engineering (CCSE) at Lawrence Berkeley National Laboratory has a summer undergraduate job opportunity. For more information see this [information sheet](#).

The American Society for Engineering Education (ASEE) is a non-profit organization which brings together engineering educators from all of the engineering and engineering technology fields to collaborate on solutions to promote excellence in instruction, research, public service, and practice. Part of their mission is to connect students on all academic levels with fellowship programs. For more information: [Undergraduates](#), [Graduate](#), [Post Doctoral](#), Faculty, International

The American Mathematical Society has an impressive roster of corporations and organizations that offer internships and co-op opportunities. While they counsel that most require fall or winter applications for summer positions, this is a list well-worth exploring. For more information please click [here](#).

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 [their website](#).