



### Winged Robots Could Aid Search & Rescue Missions.

Researchers at the Harvard Microrobotics Laboratory, Cambridge, Massachusetts, USA, are developing insect like robots that could aid in rescue and reconnaissance operations. These tiny, winged robots can be fitted with onboard sensors, flight controls and batteries so they can nimbly flit around obstacles and into places beyond human reach. The researchers are currently working to program the robots so that emergency personnel can disperse thousands of paper clip-size flying robots throughout a disaster zone that are capable of detecting signs of life. [Read more](#) or [Learn more about rescue robots in IEEE Xplore®](#) Excerpt from *IEEE Xplore*

### U.S. Tech Industry Sponsors Elementary Engineering.

Chemical engineering in the fourth grade? That's right. U.S.-based tech companies, in an effort to populate the pipeline through which job candidates trained in engineering and computer science graduates will flow, are funding programs aimed at revamping the way science, math, and engineering are taught in the nation's schools. This, they hope, will eliminate the fork in the academic road where most girls and minorities turn their attentions to other subjects, decimating the population of potential scientists and engineers long before they have to choose a college major. States such as Massachusetts, New Hampshire, and New Jersey have included engineering and technology in their state science requirements, and federal education standards will include engineering starting in 2009. Read more about the new curricula at [http://online.wsj.com/article/SB120536866436332077.html?mod=CarJMain\\_to](http://online.wsj.com/article/SB120536866436332077.html?mod=CarJMain_to) Submitted by Edward G. Perkins (Excerpt from *IEEE Career Alert*)

### Paid Multicultural Internship in Washington D.C. for Women in Science, Engineering, Technology or Math.

The Association for Women in Science (AWIS) is offering a paid multicultural undergraduate internship at the AWIS National Headquarters in Washington D.C. from May to August 2008. The paid internship is for students that are currently enrolled in undergraduate



studies in science, technology, engineering or math and are individuals of African American, Latino/Hispanic, Native American and Pacific Islander descent. Apply to the AWIS Multicultural Internship Program at [www.awis.org](http://www.awis.org).

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**2008 Region 1 GOLD and IEEE Region 1 Student Joint Conference.** 2008 Region 1 GOLD Conference is being jointly held with the IEEE Region 1 Student Conference and hosted by Fairleigh Dickinson University IEEE Student Branch on April 25-26, 2008. The location of the event is: Fairleigh Dickinson University, 1000 River Road, Teaneck, New Jersey 07666. For more information and on-line registration, please visit: <http://www.ewh.ieee.org/reg/1/gold/>.

Conference highlights includes: Career Fair, Student Paper Contest, Micromouse Competition, GOLD Seminars, GOLD/SAC/WIE Meetings, Social and Networking Event, Awards Dinner, Resume Walk-in Clinic, Etc. Refer to the website for conference fees. For more information, contact Uri Moszkowicz, Region 1 GOLD Coordinator, by telephone at (508) 736-1926, or email at [uim@ieee.org](mailto:uim@ieee.org).

**SAVE THE DATE: The Second Annual Women in the Science and Technology Workforce Summit.** The New Jersey Council on Gender Parity asks you to "SAVE THE DATE!" May 30, 2008, 8:00 AM to 4:00 PM. The Second Annual Women in the Science and Technology Workforce Summit will be held at the Mercer County Conference Center, West Windsor, New Jersey (Lunch included; Registration required - no fee). Topics Include: Improving Mentoring Practices, Impact of Workplace Climate, P-16 STEM Education, Using Multi-media Marketing to Promote STEM Careers, and Connecting Education and Careers. Registration information to follow at <http://www.cww.rutgers.edu>.

**Varsity Engineering College Will Open Courses To Women.** Beginning this fall, Qatar University's College of Engineering will extend its Electrical Engineering Program to women. It is expected to attract 20 to 30 students each year. The main objective of the initiative is to graduate female electrical engineers capable of competing and working with fellow male engineers in all sectors of Qatar's economy.

Due to the overwhelming interest from women students, Qatar University had to think of ways to create more opportunities for women and found that electrical engineering studies was a good option, especially in the Telecommunications and Information industry, as explained by College of Engineering Dean Hassan al-Fadala. Electrical Engineering Department Head, Adnan Abu Dayya, said the enrollment of women will allow the university to double the size of its student population in electrical engineering and increase the number of staff. For more information, please visit [http://www.gulftimes.com/site/topics/article.asp?cu\\_no=2&item\\_no=206365&](http://www.gulftimes.com/site/topics/article.asp?cu_no=2&item_no=206365&).

Submitted by Kathy Kowalenko

**Computer Research Association – Women (CRA-W) and Coalition to Diversify Computing (CDC) offer Programming Languages Summer School.**

New Mexico State University is happy to announce the CRA-W/CDC Programming Languages Summer School on Logic Programming and Computational Logic. The summer school will be held on the campus of New Mexico State University in beautiful Las Cruces, New Mexico. The summer school is intended to encourage minority and women graduate students/ post-doctoral students/young researchers to develop an interest and expertise in the important areas of constraints, logic programming, answer set programming, computational logic, and their applications. Exceptional undergraduate students in their senior year are also encouraged to attend.

For more information, please contact Carla M. Ramero at [cromery@cra.org](mailto:cromery@cra.org) or [www.cra.org](http://www.cra.org). To apply, please contact [epontell@cs.nmsu.edu](mailto:epontell@cs.nmsu.edu) and [ipivkina@cs.nmsu.edu](mailto:ipivkina@cs.nmsu.edu) by the following deadlines:

- \* Requests for Student Grants: April 19, 2008;
- \* Application for Admission: April 27, 2008;
- \* Notification of Admission and Grants: May 5, 2008;
- \* Summer School: July 24-27, 2008

*Submitted by Carla M. Romero, Director of Programs, Computing Research Association*

**NOTICE: NAVY Research Lab Job Announcement.**

The Space and Naval Warfare Systems Center (SSC) in San Diego is looking to fill two positions of Distinguished Scientist/Technologist. One of the positions is for Wireless Communications, and the other is for Distinguished Scientist/Technologist for Research and Application of Nonlinear Dynamics and Chaos Theories. For more information, please contact Ms. Ginger Phillips-Hipp at [ginger.phillips-hipp@navy.mil](mailto:ginger.phillips-hipp@navy.mil) or go to <http://www.usajobs.gov/> and search for announcement number NW8-XXXX-00-P5960124-FL (Wireless) or announcement number NW8-XXXX-00-P5960121-FL (Nonlinear Dynamics). The announcement opens April 1, 2008 and closes April 30, 2008.

*Submitted by Mark Tukeman*



**Women Building California Conference to be held May 17-18, 2008.**

Are you a woman interested in or currently working in construction in California? Network with other women just like you at the Women Building California Conference on March 17-18,

2008. This is the Seventh Annual Statewide Conference for Women in the Trades and is being held at the Marriott Oakland City Center in Oakland, California.

*Please visit our website at <http://www.ieee.org/women>*

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Workshop topics include surviving and thriving in apprenticeship, the benefits of mentoring, wellness and fitness, blueprint reading, communication skills, dealing with harassment, unions 101 and many more! Register today for the Women Building California Conference at [www.tradeswomen.org](http://www.tradeswomen.org). Not working in construction or not living in California? Visit WomenTechWorld's Career Associations Page for a list of other career associations and their conferences at [www.womentechworld.org](http://www.womentechworld.org).

**Women's Welding Workshop - Register by April 8, 2008.**

To be held June 8-14, 2008 at the Spitfire Forge in Taos, New Mexico, the Women's Welding Workshop is a hands-on welding and blacksmithing retreat for women. The week-long workshop and retreat includes welding and blacksmithing instruction, materials, field trips, lodging, meals, hot springs, and a foundry tour in Santa Fe. This workshop provides a non-competitive and comfortable environment that will allow everyone to



familiarize themselves with the tools and shop, and learn basic metal and forging techniques. They will walk away with a project that incorporates these methods. For more information,

please visit the website at [www.womentechworld.org](http://www.womentechworld.org) or [www.spitfireforge.com](http://www.spitfireforge.com).

**Apply for a Scholarship to Study Automotive Technology.**

Are you interested in working in the Automotive Technology Industry but can't afford the education? The Automotive Women's Network (AWN) has an educational scholarship program to promote the representation of women in the automotive industry. Candidates can be high school seniors preparing to enter college, current college students, those starting post-graduate work, or women in the workforce with a



desire to enhance their current positions through additional education. The AWN Education Scholarship is jointly awarded to the individual

and/or college or university. These scholarships are used to promote the automotive industry as an exciting career direction for women. Find out how to apply for the AWN Education Scholarship and other scholarships at [www.automotivewomensnetwork.com](http://www.automotivewomensnetwork.com) or [www.womentechworld.org](http://www.womentechworld.org).

**12th CCWESTT Conference: "Building on Success".**

The Canadian Coalition of Women in Engineering,

Science, Trades and Technology (CCWESTT) is holding the 12th CCWESTT Conference on May 29-31, 2008 in Guelph, Ontario. The conference program celebrates women's contributions and builds on successful initiatives to advance women in the fields of Science, Engineering, Trades and Technology (SETT). Benefits for attendees includes insights on initiatives, research and results; practical skills for personal career development, and; new relationships within SETT communities. Early Bird Registration rates are available until April 15, 2008 with reduced registration rates for students. Register on-line at [www.ccwestt2008.ca](http://www.ccwestt2008.ca). For more information and to request announcement posters, please contact conference coordinators at [cwse@uoguelph.ca](mailto:cwse@uoguelph.ca).

*Submitted by Valerie Davidson, Conference Chair, NSERC/HP Chair for Women in Science and Engineering*

**Two Lectures by Warner W. Johnston: Closed Captioning of TV Broadcast.** Closed Captioning is the method used in North America since the late 1970s to bring the benefits of television sound track to the deaf community. Where did it come from? How does it work? What are its limits? What are its improvements? These lectures will answer all of your questions about closed captioning TV broadcast, sponsored by WIE and the New York Chapter for the Broadcast Technology. The lectures are scheduled as follows: National Telecommunications Commission (NTC) Standards on April 2, 2008 from 6:00 P.M. to 8:00 P.M., and Advanced Television Standards Committee (ATSC) Standards on May 14, 2008 from 6:00 P.M. to 8:00 P.M. The lectures are free to the public. IEEE members, students, and non-members are welcome. For CEU credits, a fee of \$15 per lecture is payable prior to the lecture. RSVP is required one day prior to the meeting to [AlexandriaWIENY@ieee.org](mailto:AlexandriaWIENY@ieee.org). The meeting will be held at the MTA Building, 2 Broadway, Bowling Green, New York. No walk-ins allowed due to security reasons. For additional details, please email [AlexandriaWIENY@ieee.org](mailto:AlexandriaWIENY@ieee.org).

**Reminder: WIE Panel Discussion: "IEEE WIE Panel – Mentoring and Its Impact on Recruiting and Retention", sponsored by the Power Engineering Society (PES).** The PES has organized a panel session entitled "IEEE WIE Panel – Mentoring and Its Impact on Recruiting and Retention". This event will be held on April 21, 2008 from 3:00 P.M. to 5:00 P.M. in Chicago, Illinois (McCormick Place North, Room N136). This panel will take a candid look at mentoring and its impacts on recruiting and retaining engineering talent in workplaces and academics. This event will take place in conjunction with 2008 IEEE PES Transmission and Distribution Conference to be held April 22-24, 2008 in Chicago, Illinois, USA. For details, please visit: <http://www.ieeet-d.org/>.

*Submitted by Karen Miu Miller, PES Liaison*

**Reminder: Society of Women Engineers (SWE) of Boston Invitation to WIE Members to attend April 10, 2008 Meeting in Danvers, Massachusetts.** SWE-Boston is extending an invitation to WIE Members to attend their next meeting in Danvers. The speaker will be Paula Lyons, an Executive Coach and Senior Communications Consultant. Please rsvp by April 3, 2008 at [www.sweboston.org](http://www.sweboston.org) via Acteva (At the SWE-Boston website you will be redirected to Acteva where you can rsvp). Any questions may be directed to [swebos@sweboston.org](mailto:swebos@sweboston.org).

*Submitted by Lori Amara, VP of Professional Development, SWE-Boston*

**Reminder: SWE-Detroit Professional Development Conference to be held April 19, 2008 in Warren, Michigan.** The SWE-Detroit Section will hold a Professional Development Conference in Warren Michigan on April 19, 2008. The conference is titled "Knowledge for Growth". The award winning program will be held at the General Motors Warren Technology Center. Take the "ride of your life" with keynote speaker, Joyce Weiss. Visit the SWE calendar at [www.swedetroit.org](http://www.swedetroit.org). For more information contact [Kristy Baumgard](mailto:KristyBaumgard).

*Submitted by Kristy Baumgard, SWE-Detroit Professional Development Conference Co-Chair*

**IEEE Launches memberNet Online Directory.** The IEEE launched its online member directory which connects its 375,000 members worldwide. Access to IEEE memberNet is an exclusive benefit of IEEE membership, available at no additional cost to IEEE members. "IEEE memberNet will fundamentally transform peer-to-peer networking within the IEEE membership," says Joseph Lillie, Vice President, IEEE Member and Geographic Activities.

The memberNet directory, and its opt-in management, is accessible from myIEEE. For more information, contact Brian Pratz, Member and Geographic Activities, at [b.pratz@ieee.org](mailto:b.pratz@ieee.org). Read more about IEEE memberNet at <http://www.ieee.org/membernet>.

*Submitted by Francine Tardo, Senior Communications Specialist, IEEE Corporate Strategy and Communications*

**Call for Proposals - Real-World Engineering Workshops: Electrical Engineering, Computer Engineering, Computer Science and Electrical Engineering Technology Curricula Development for Faculty Members (Transferable-Based Workshops in IEEE Fields of Interest).** The IEEE is continuing with a second year of funding for a program to develop workshops in IEEE fields of interest for use by faculty members worldwide in electrical engineering (EE), computer engineering (CE), computer science (CS) and electrical engineering technology (EET). The program seeks high quality, online, self-study workshops which will describe the best pedagogical techniques for EE, CE, CS and EET classrooms. Submissions are open to all faculty members who teach EE, CE, CS and/or EET at a university that grants degrees in accredited EE, CE, CS and/or EET Programs.

The deadline for abstracts is April 15, 2008. Complete details regarding the call for proposals are available at [realworldengineering@ieee.org](mailto:realworldengineering@ieee.org) or contact <http://www.realworldengineering.org>.

**Call for Proposals - Real-World Engineering Projects: Electrical Engineering (EE), Computer Engineering (CE), Computer Science (CS) and Electrical Engineering Technology (EET) Curricula Development for First-Year Undergraduate Students (Discovery-Based Projects in IEEE Fields of Interest).** The IEEE is continuing with a second year of funding for a program to develop projects in IEEE fields of interest for use with first-year students studying EE, CE, CS and/or EET. The program seeks high quality, hands-on, team-based projects that focus on real-world problems whose solutions benefit society. Submissions are open to all faculty members who teach EE, CE, CS and/or EET at a university that grants degrees in accredited EE, CE, CS and/or EET Programs. Deadline for Abstracts is April 15, 2008. Complete details regarding the call for proposals are available at [realworldengineering@ieee.org](mailto:realworldengineering@ieee.org) or visit <http://www.realworldengineering.org>.

**INTERESTED IN BECOMING A WIE MEMBER?** WIE membership is FREE to Student, Graduate Student, and Life Members, and just \$25 for other IEEE Members. [Join WIE.](#)

**IEEE Quick Facts.**

- The IEEE has:**
- more than 375,000 members including nearly 80,000 student members in more than 160 countries.
  - 324 sections in ten geographic regions worldwide.
  - 1,784 chapters that unite local members with similar technical interests.
  - 1,616 student branches and 452 student branch chapters at colleges and universities in 80 countries.
  - 38 societies and 7 technical councils representing the wide range of technical interests.
  - 390 affinity groups consisting of Consultants' Network, Graduates of the Last Decade (GOLD), Women in Engineering (WIE), and Life Members (LM).

**The number of WIE Affinity Groups Around the world continues to grow!**

WIE AFFINITY GROUPS			
Region	Regular	Student	Total
R1	8	0	8
R2	4	1	5
R3	4	4	8
R4	2	2	4
R5	6	0	6
R6	2	1	3
R7	7	7	14
R8	11	33	44
R9	5	39	44
R10	13	40	53
<b>TOTAL</b>	<b>62</b>	<b>127</b>	<b>189</b>

**WIE Growing in Record Numbers**



## *WIE Around The World*

- **News from IEEE WIE Section Affinity Groups**

**WIE Presentations at Immaculate Conception Girls' School in Malta and Agius de Soldanis Girls' School in Gozo.**



*Girls School participants in IEEE WIE presentation*

The WIE Chair for the IEEE WIE Malta Section, Violet Bugeja, makes it her main responsibility to encourage female students to take Engineering and other science related courses at a tertiary level of education. On January 22, 2008, two classes of 15-year old female students were held at Information and Communications Technology (ICT) at the Immaculate Conception Girls' School in Tarxien, Malta, where Ms. Bugeja gave a presentation providing a brief introduction about what IEEE is and the main aims of the society. She further explained to the girls what

### IEEE WIE Membership Statistics March 2008

#### Grade

Fellow- 41  
 Life Members 119  
 Associates 113  
 Member 1513  
 Senior Member 286  
 Student 5107  
 Affiliates 10

#### Region

US - 2751  
 Canada- 334  
 Europe, Africa & Middle East- 1622  
 Latin America- 995  
 Asia & Pacific- 1487

#### Gender

Female- 4721  
 Male- 1927  
 Not Provided- 541

**Total WIE Membership for March 2008 is 7189**

Engineering is all about; how society projects Engineering to the rest of the world – stereotyping it as boring, difficult and man-dominated; and challenging such statements with real-life situations. She went on to explain to them that these statements are, in actual fact, not the reality. The benefits of being an Engineer and the courses available at the University of Malta, both in Engineering and ICT, were also explained.



*Violet Bugeja, IEEE WIE Malta Section Affinity Group Chair providing presentations to girls' school students*

Ms. Bugeja was also invited by Ms. Cassar, a guidance teacher at Agius de Soldanis Junior Lyceum and Secondary School in Gozo, to give presentations to 12 (Form 2) and 15 (Form 5) year old students attending the school. The first presentation was addressed to the Form 5 students taking Computer Studies as their main area of

studies, and who will soon be choosing their subjects at an advanced level. The aim was to explain to them what it is to be a woman working within the Engineering industry, what a career in ICT or Engineering involves, and what courses are available at the University of Malta. She also gave presentations to two groups of approximately 50 Form 2 students, who will soon be deciding the subjects they will be studying for the next three years. The aim in this activity was to encourage the students to take Computer Studies as one of their main course areas, and not to give up when it comes to science subjects such as Physics, which is a mandatory subject that they will start learning next year. The age gap was taken into consideration when providing the presentation to the Form 2 students rather than the Form 5 presentation to make it less technical.

The attendees seemed very interested in the subject and asked several questions about what it is like to work as an Engineer, and whether anyone pursuing a career in the sciences will have several career opportunities in Malta after graduating. Ms. Bugeja was very pleased with the feedback on the presentations. The teachers thought the presentations were very helpful to the students and that they gained better insight about science-related careers.  
Submitted by Violet Bugeja

**Engineer Fatima AL Dhaheri wins the Abu Dhabi Excellence Award in UAE**



**Engineer Fatima AL Dhaheri receiving award from His Highness Sheikh Mohammed Bin Zayed Al Nahyan, Crown Prince of Abu Dhabi**

Engineer Fatima AL Dhaheri, IEEE Senior Member and Vice-Chairman of the Power Engineering Society (UAE Chapter) was honored with the coveted 2008 Abu Dhabi Excellence Award by His Highness Sheikh Mohammed Bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, in the category of Best Government Employee in the Technical Field. Engineer Fatima AL Dhaheri is the Operation and Maintenance Department Manager of Abu Dhabi Transmission and Despatch Company (Transco) – Al Ain. She is one of the architects and active members of the IEEE WIE UAE Section Affinity Group. Ms. Dhaheri holds a master degree in Electrical Engineering from the University of Colorado at Denver, Colorado, USA.

Submitted by Maryam Thani

**Career Development Event Report of IEEE WIE Japan Section Affinity Group at the University of Tokyo**



**Participants of Career Development Event held by IEEE WIE Japan Section Affinity Group**

Professor Mitiko Go, President of Ochanomizu University, in Tokyo, Japan is one of the leading researchers in Bioinformatics. She provided a speech in March 2008 to the IEEE WIE Japan Section Affinity Group entitled, "My Career developed in an International Society", based on her own experiences as a woman researcher who has developed a career in a global background. She noted the most challenging time for women researchers is during the child-rearing period when they have to take care of their children and work. However, once these women survive this period, she asserted, they will come out fully-developed researchers, founded on competence and confidence built up over the difficult time. She pointed out the necessity to provide a support system for women researchers during the period of child-rearing.

President Go's own experience is a case in point. It was during her child-rearing period that she made a pioneering discovery in Biochemistry, a feat praised globally by such prominent researchers as Dr. Gilbert, a Nobel Recipient in Chemistry, which offered her a way forward to professorship from a lecturer. President Go is engaged in various activities to support female researchers, encouraging their careers not only as President of Ochanomizu University, but also as a member of public councils that drive the future of science and technology in Japan. The presentation that she provided to the IEEE WIE was a quite successful lecture and well-attended (around 70 attendees) and received overwhelmingly positive feedback.

Submitted by Takako Hashimoto, Ph.D.

• **News from WIE Student Branch Affinity Groups**

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experiment. Many of the parents were interested in the distribution of weight in the contents of a bag of



*Students making chocolate measurements*

chocolates. The final results showed that prior experiments indicated that the differences were all in the amount of chocolate per item.

*Submitted by Jack Sherman, IEEE Chicago Chair, WIE Committee*

**University of Ibadan IEEE Students Professional Awareness Conference - WIE Day Theme: "Women in the World of Technology"**



*Presentation to Secondary School Girls by WIE Univ of Ibadan*

A successful ceremony of WIE was held as part of the IEEE University of Ibadan (UI) Student Branch Students Professional Awareness Conference (SPAC) II Week on March 6, 2008. This is the first of its kind as the IEEE WIE UI Chapter Student Affinity Group was just founded a couple of months ago, with Falae Tolulope as the chair. A brief introduction about WIE and their own activities was done by Falae Tolulope, Agwae Uruemu, and Ige Toluwalope.

**WIE Want Chocolate! IEEE STAR Initiative Chocolate Factory Events in Chicago were a Hit!**



*The Chocolate Machine*



*Sarah Crutchfield with students participating in the Chocolate Experiment*

Sarah Crutchfield is a female engineer helping in the Chicago, Illinois area with the IEEE Star Initiative Program in the local school system, promoting research experiments involving chocolate. The research events highlight chocolate as the draw of the program. One of the events had over 130 visitors, most of them fifth to tenth grade girls including their moms. There have been an estimated 1,200 attendees overall running up and down the aisles of schools to participate in the chocolate experiments.

The events center on the attendees weighing selected wrapped chocolate of their choice as part of an

The main speaker of the day was Mrs. Princess Nwankwo, a lecturer in the Petroleum Engineering Department of UI. She gave a lecture on "Women in the World of Technology" focusing on areas such as engineering as a profession, branches of engineering, women in engineering, prospects, and the challenges of becoming female engineers. Another lecture was delivered by Ms. Oladejo, a lecturer in the Civil Engineering Department of the University of Ibadan. She centered her lecture on the relevance of mathematics in the field of engineering and what is expected of female engineers. The lecture was followed by a period of questions and answers.

In conclusion, a presentation of WIE souvenirs was given by Miss Agwae Uruemu to the invited secondary school girls. A complimentary speech was given by Emmanuel Mogbolu, the student branch chair of the IEEE from the University of Ibadan. The program was well attended by secondary school girls from different schools in Ibadan, with about 75% of them showing interest in studying engineering in the future. The event was covered by the Nigerian Television Authority (NTA).

*Submitted by the Emmanuel Mogbolu, University of Ibadan IEEE Student Branch Chair*

### J.U.S.T. WIE Open Day Event held in December 2007 in Jordan.



**J.U.S.T. WIE participants in Jordan**

A successful open day ceremony of the Jordan University of Science and Technology WIE (J.U.S.T WIE) Program was held in December 2007 at the University of Jordan. The objective was to introduce WIE to the faculty and students, and to encourage them to join the IEEE. Dr. Iamya al-chalabi, WIE Coordinator, started the event by talking about engineering in general and women engineers' responsibilities. She then explained the main goals, plans, and upcoming events of J.U.S.T WIE.

In addition, an engineer from Zain Communications Company spoke about the goals and achievements of the company. WIE members and other IEEE volunteers participated in the event by viewing a special presentation

*Please visit our website at <http://www.ieee.org/women>*

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about the community mission, vision and activities, and distributed IEEE promotional materials. The event concluded with an invitation for participants to a sweets buffet. The event reached its goals successfully, everyone was happy, and many students registered as members.  
*Submitted by Hadeel. H. Awad, J.U.S.T WIE Chair*

### First WIE Event held in Lebanon: Joint IEEE and Women in IT Venture was a success!



**WIE Event participants in Lebanon**

The first WIE event in Lebanon was met with success! The IEEE Student Branches of Lebanon in partnership with Women in Information Technology (WIT) joined forces to organize the first WIE event entitled, "Different Career Paths in Engineering & Technology" that took place on March 8, 2008 at the Notre Dame University (NDU) Campus. March 8th was also International Women's Day, which honors women human rights defenders who dedicated their lives to promote justice and equality for women, adding flavor to a colorful event.



**Additional WIE Event participants in Lebanon**

Five technical sessions allowed successful women in technological careers to share their experience and wisdom with more than 80 students from different IEEE Branches from universities in Lebanon including Notre Dame University (NDU), Lebanese American University (LAU), and American University in Beirut (AUB). The audience was largely made up of men and women

engineers who engaged the lecturers in challenging questions.



**Students listening to lecture at WIE event in Lebanon**

The speakers included high profile female speakers such as Hala Makarem (Independent Consultant), Tania Saba-Mazraani (Berytech Business Incubators), Odile Abou Mrad (Computer Associates), Maysa Yaman (Cedarcom), and Nathalie Awad (New Horizons).

This event's great success was possible in large due to the amazing interaction between the audience and the speakers. The speakers, mostly general managers, set a great example for the students. They also empowered, in particular, the females among them to aim high. This event was also supported by INKRIPT, a leading digital printing company in the country, and the IEEE Lebanon Section.

*Submitted by Nadeen Rishani, IEEE WIE Notre Dame University Student Branch Affinity Group Chair*

## WIE RESOURCES.

Scholarships, Internships, Grants & Awards  
 For Girls  
 Informative Publications  
 History  
 Women in Engineering Statistics  
 Women in Science/Engineering Societies & Groups  
 Mentoring & Educational Resources  
 National Engineers Week/EWeek Activities

### **More Interesting Links**

[Electronics & Electrical Engineering Laboratory \(NIST\)](#)  
[Science and Technology Resources](#)  
[Engineer Your Life](#)  
[Women and Minorities in Science and Engineering](#)

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**IEEE WIE Committee.** The IEEE Women in Engineering Committee (WIEC) consists of 10 voting members appointed by the Board of Directors. The WIEC is responsible for facilitating the development of programs and activities that promote the entry into and the retention of women in engineering programs, enhance the career advancement of women in the profession, and promote IEEE membership and retention of IEEE women members.

#### ▪ **2008 WIE Committee Members**

Karen Panetta, Chair 2008	Mary Ellen Randall (MGAB)
Litsa Micheli-Tzanakou (EAB)	Lauren Jones
Irena Atov	Jane Lehr (TAB)
Bernadette Bouchon-Meunier	Susan Murphy (GOLD)
Joan Carletta	Sule Ozev

[View](#) the WIE Liaisons, Regional Coordinators, and Society Coordinators for 2008.

## **DID YOU KNOW? ..... WIE Affinity Groups.**

There are two types of WIE Affinity Groups: IEEE Section Affinity Groups and Student Branch Affinity Groups. Find one in your local area below. If there is not a WIE Affinity Group in your local area, [consider forming one](#). Affinity groups provide the opportunity for members to network at a local level. Activities may include guest speakers, workshops and seminars. All members are encouraged to join and participate in their local group activities to promote growth within the WIE. Currently, there over 150 WIE Affinity Groups worldwide.

<b>Region 1 – Northeastern USA</b>
<b>Region 2 – Eastern USA</b>
<b>Region 3 – Southeastern USA</b>
<b>Region 4 - Central USA</b>
<b>Region 5 – Southwestern USA</b>
<b>Region 6 – Western USA</b>
<b>Region 7 – Canada</b>
<b>Region 8 – Europe, Middle Eastern &amp; Africa</b>
<b>Region 9 – Latin America</b>
<b>Region 10 – Asia &amp; Pacific</b>

### **LET'S ANSWER A RIDDLE.**

**Before Mt. Everest was discovered, what was the tallest mountain in the world? Answer: Mt. Everest has always been the tallest mountain in the world, even before being discovered!** (Compliments: Riddles & More)

**CAN YOU FIGURE THIS RIDDLE?**

Johnny's mother had three children. The first child was named April. The second child was named May. What was the third child's name? (Tune in next month for credits and the answer.)

**EXCITED ABOUT WIE? Do you want you to have some fun.....**



**Welcome to Nerd Girls Reality Television!**

They're "Beauty and the Geek" all in one package! Meet the NERD GIRLS - an impressive team of female engineering students, just one year away from landing top jobs with \$70,000 salaries. They turn heads when they enter a room – they're stylish, self-possessed, ambitious and confident. Whether building a solar car or harnessing wind power on a remote island, these girls fully intend to change the planet with their own ingenuity and hard work. NERD GIRLS is coming to reality television and will be a multi-platform broadcast in the United States and abroad. Visit [Nerd Girls](#).

**Welcome to the Gallery of Women Engineers!**



These engineers work every day to solve problems and make the world a better, cleaner, safer place. These women are also actively involved in their communities, raising families, and enjoying all kinds of sports and hobbies.

Please visit our website at <http://www.ieee.org/women>

APRIL 2008

**Hey ENGINEER GIRL, Check Out These PROFILES!**



[Maeling Tapp](#)  
Materials Engineer



[Monique Frize](#)  
Bioengineering/Biomedical Engineer

View more information on [Engineer Girl](#).

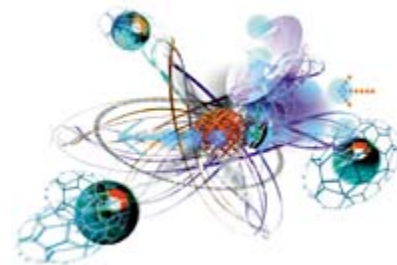


Turn imagination into reality with a future in engineering! You'll have the power to make a difference!



By becoming an engineer, you can help solve problems that are important to society. You could be controlling and preventing pollution, developing new medicines, creating advanced technologies,

even exploring new worlds. You'll have money and job security! You'll be working with other talented people! You'll have lots of options!



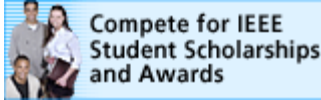
You'll get to do cool stuff! Engineers will be involved in making all the wonders of the future a reality. Interested? Visit the website below for Engineer Girl at:

## IEEE WIE ASSISTANCE.



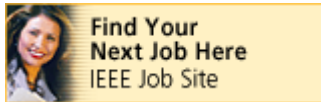
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