



The College of New Jersey



WOMEN'S BUREAU
U.S. DEPARTMENT OF LABOR



teentech 2012

Connecting Girls and Technology,

A day of hands-on workshops
for high school girls, grades 9-11

Sponsored by

THE AMERICAN ASSOCIATION OF UNIVERSITY WOMEN-NEW JERSEY, INC.

and

The College of New Jersey

WEDNESDAY, May 23, 2012

at The College of New Jersey, Ewing, NJ

8:45 am-1:45 pm

teentech 2012 - CONNECTING GIRLS AND TECHNOLOGY

teentech is a project of the American Association of University Women, New Jersey, Inc. (AAUW-NJ) in collaboration with The College of New Jersey, to involve young women in **STEM** education--- **S**cience, **T**echnology, **E**ngineering and **M**ath.

AAUW's report, **Gender Gaps**, indicated that young women lag behind young men in acquiring technical proficiencies. The report cites evidence that girls are more likely to use technology when they see its real-world applications. AAUW's book, **Why So Few?**, documents that the problem persists.

teentech 2012, which will take place on May 23, 2012 at The College of New Jersey, will be a day of hands-on workshops that are designed to make technology, science, engineering, and math exciting and relevant and to interest girls in high-demand careers in the global economy where women are still greatly underrepresented. High school girls from around the state will have the opportunity to learn problem-solving skills by engaging in hands-on workshop sessions with faculty and students in Technology and Engineering disciplines.

AGENDA

May 23, 2012

8:45 – 9:30 Arrival, Breakfast, Welcome – TCNJ, AAUW-NJ, NJTEEA, USDOL, NJSCA

9:45 – 11:00 Morning Workshop Session

Students:

A. Crazy Contraptions – Think of something you'd like to do, then build a crazy contraption to do it! Be part of a team using tools and materials and your creativity to get the job done

B. High-tech Hunting – Learn and practice Geocaching. You'll go on a scavenger hunt, using GPS technology and learn how GPS works.

C. I LOVE Shoes – Design and make a pair of sandals, using prismatic cell patterns. Use the Engineering Design Process to transform your idea into a product.

D. TechnoCritters - Learn to use linkages and levers to make animal greeting cards that m-o-o-v-e when they send your message.

E. Launch It: Air-Powered Rocket – Design and build a small rocket propelled by air. See if you can hit the target.

Educators/Chaperones:

STEM Brings Ideas To Life - Solve a real-world, engineering & technology problem. transforming an idea into a solution, product or invention.

11:15 – 12:00 Lunch, Guest speakers, networking with TCNJ graduates & professional women in technology

12:30 – 1:45 Afternoon Workshop Session

Students: Select one from workshops listed above

Educators/Chaperones: Possibilities Unlimited – Careers in Engineering and Technology

1:30 – 1:45 Certificates & Evaluations

1:45 Departure

Please Print a Hard copy to Sign and mail

REGISTRATION FORM teentech2012 May 23, 2012

Registration Deadline is May 10, 2012. Register early as space is limited

Send one signed copy of form below with payment or purchase order via US Mail for each person

Please print clearly

NAME _____

Home Address _____

City, State, ZIP _____

Telephone (_____) _____ Please Check: **Teen** ___ **Adult** ___

Email _____

Name of Parent/Guardian _____

Emergency Telephone (_____) _____

School Name and Town _____

School Contact Name _____

School Email Contact _____

A light breakfast and lunch will be provided

TEENS: Mark (1,2) your first choice for ONE MORNING and ONE AFTERNOON WORKSHOP

___ **Crazy Contraptions** ___ **High – tech Hunting** ___ **I LOVE Shoes** ___ **TechnoCritters**

___ **Launch It**

MAIL this completed form with a check for \$20.00 registration fee for each teen and each adult attending, payable to AAUW-NJ, to:

Dawn Domans, Registrar, 15 Rankin Ave., Basking Ridge, New Jersey 07920

Registration Questions? E-mail butterfliesr2free@verizon.net

Your completed application and payment or purchase order will confirm your registration, and the school contact person will receive an email confirmation. Students must be accompanied by a school chaperone.

*Please sign the following statement: I hereby release the AAUW-NJ, Inc. and The College of New Jersey from any liability in connection with attendance at **teentech 2012**. I understand that media representatives may be present and request photos or quotes from those who attend. Such photos or quotes may appear in print or be broadcast.*

Signed _____ Date _____

PARENT/GUARDIAN

PLANNING COMMITTEE

- **For AAUW-NJ, Inc.:** Jean Wadsworth, Sally Goodson, Dawn Domans

AAUW's Mission: AAUW advances equity for women and girls through advocacy, education, philanthropy, and research.

American Association of University Women (AAUW) is a nationwide network of more than 100,000 members and donors, 1,000 branches, and 500 college/university partners. For 130 years, AAUW members have examined and taken positions on the fundamental issues of the day - educational, social, economic, and political.

AAUW-NJ website: www.aauwnj.org

- **For TCNJ:** Alison Goeke, Lisa Grega and Mary Switzer

The College of New Jersey (TCNJ) is primarily an undergraduate and residential college with targeted graduate programs. TCNJ is a diverse community of learners dedicated to inquiry and open exchange and excellence in teaching.

The College of New Jersey website: www.tcnj.edu

- **For the Women's Bureau, US Dept. of Labor:** Grace Protos

The Women's Bureau was established in 1920 to formulate standards and policies to promote the welfare of wage-earning women and advance their opportunities for profitable employment.

Women's Bureau website: www.dol.gov/wb/

- **For NJ Technology and Engineering Educators Assn:** Ken Zushma

The mission of the New Jersey Technology and Engineering Educators Association is to foster the development of technological literacy through Technology Education programs in the state of New Jersey.

NJTEEA website: www.njtea.org

- **For New Jersey School Counselors Association:** Jim Lukach

NJSCA currently represents more than 1,200 school counselors in districts throughout New Jersey

NJSCA website: www.njsca.org

- **For BMH Community Relations:** Beth Hyre

BMH offers Community & Public Relations, Writing/Editing, Events Management

BMH Community Relations website: <http://www.linkedin.com/in/bethhyre>

- **Contributing Organizations:** AAUW-NJ, Inc. Charitable Trust, TCNJ's Technology Education Society, Society of Women Engineers and The Center for Excellence in STEM Education

FOR MORE INFORMATION on teentech 2012

e-mail: JSWPAAUWNJ@aol.com