

**IEEE-USA Pre-College Education  
Region 2 Report  
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# Existing Pre-College Activities

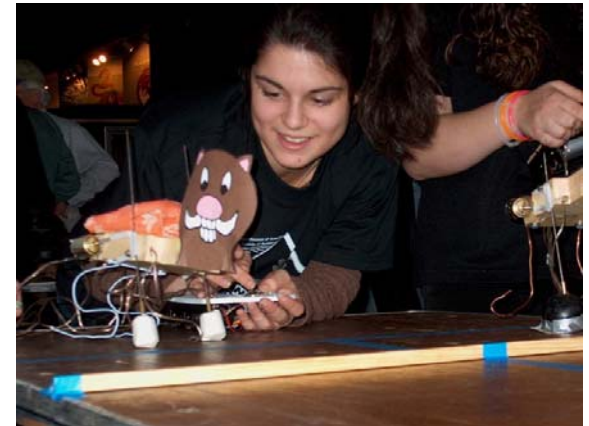
- National Engineers Week Outreach
- Essay / Science Fair judging
- FIRST Robotics
- Robot Challenge
- Robot Car Race
- Future City Competition
- TechXplore
- Teacher 'Training'



*Kids Learn EE Hands-on at Community Outreach Event*



*About a dozen volunteers turned out at the Parkview Recreation Center in July to make the GOLD-sponsored outreach event a success.*



# Financials / Awards

- IEEE-USA's Precollege Education Committee (PEC) has unveiled its new Precollege Teacher Grant Program. These grants offer small amounts of funding (up to a maximum of \$1,500) to teachers and engineers who partner to introduce engineering to students. The teacher must work with an IEEE member to develop or implement a project or program. For more details, visit:  
<http://www.ieeeusa.org/volunteers/committees/pec/teacher-grants.html> >
- Pre-College Projects are eligible for PACE funding
- Pre-College Representative budget provided by IEEE-USA
- IEEE EAB Pre-University Educator Award



# Pre-College Educator – Engineer Partnership Award

- For more details on the award guidelines and submission procedure, please visit <http://www.ieeeusa.org/volunteers/awards/award11.html>
- To recognize collaborative activities between K-12 teachers and technical professionals who are IEEE members.
- Honor pairs of K-12 teachers and engineers that, through their joint collaboration, provide learning experiences to precollege students.
- Honor the teacher-engineer collaborative partnership for successfully providing a specific project or program to the students that supports the education and curriculum requirements of the institution.
- Honor the teacher-engineer partnership for successfully providing a specific project or program to the students that promotes and increases the math, science and engineering awareness by each student participant.
- Honor the teacher-engineer partnership for successfully implementing a project or program that supports the educational goals of the IEEE and IEEE-USA.



# New Activities

- New EAB initiative
  - ✓ Teacher In Service Training
  - ✓ Website Resources
- Engineering 'Orientation'
- Sharing of Best Practices
  - ✓ Lehigh Valley – Baltimore/Pittsburgh?
- BEST Robotics
- Succession Plan