



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.



Phoenix Section

A Generous Challenge in Support of Arizona Science Lab

The Arizona Science Lab (ASL), an IEEE Phoenix Section Program, is one of the most impactful programs with which our Section has been involved. Recently, it caught the attention of Mr. Gary Tooker, Former Chairman and CEO of Motorola, Inc. and an IEEE Life Member, who has offered to match up to **\$50,000** in a dollar-to-dollar challenge of all donation raised from IEEE Phoenix Section Members **between now and December 31st, 2016**. In order to take full advantage of Mr. Tooker's generosity, the Phoenix Section Executive Committee is working with the IEEE Foundation to raise funds in support of ASL. Mr. Tooker said "We encourage all our IEEE Phoenix Section Members to join Diane and me in supporting the great work of ASL in exciting more young people to pursue STEM courses and careers".



Diane and Gary Tooker

Arizona students' rank 35th in the nation according to standardized testing in science and math. This unique program offers hands-on, project-based science workshops for more than 2,000 students in grades 4-8 each year. The workshops are taught by expert, credentialed engineers and scientists that include IEEE members and others.

Launched in February 2009, ASL is a volunteer group operating under the management of the IEEE, a 501(c)(3) organization. ASL volunteers, including retired and employed engineers, scientists and teachers, university students and other professionals create exciting Science, Technology, Engineering, and Mathematics (STEM) based workshops for the students and deliver them from the Evans Learning Center facility located in Tempe, Arizona. These workshops stimulate the student's interest in STEM subjects, and inspire them to pursue studies and future careers in STEM related fields.



ASL Class in Session

This experimental based learning offers the students a window into the world of science, technology, engineering and mathematics (STEM) through a unified lesson including scientific principles, social relevance, experimental demonstrations, and hands-on engineering project construction activities. This program, offered **free of charge** to all grade 4-8 student classes in the **greater Phoenix area**, responds to the growing concern that not enough students are adequately prepared to enter into the fields of science, technology, engineering and/or mathematics (STEM). A key focus of ASL is serving the needs of underserved students in low performing schools with a State Grade of “C” and “D” and Federal “non-AYP” and “Title 1” schools.

ASL is supported by our sponsor organization, community partners, and IEEE members like you. Learn more about ASL at www.azsciencelab.org.

IEEE Phoenix Section Executive Committee requests all members to help us reach our challenge match by making a generous donation to this worthwhile cause. Donations can be made online to the IEEE Foundation [https://ieeefoundation.org/support_azsciencelab] or mailed to IEEE Foundation, 445 Hoes Lane, Piscataway, New Jersey 08854, USA. Consider the range of gifts necessary to meet the challenge and **let us know where you fit in!**

1 gift of \$10,000 = \$10,000, 3 gifts of \$5,000 = \$15,000, 5 gifts of \$1,000 = \$5,000

10 gifts of \$500 = \$5,000, 20 gifts of \$250 = \$5,000, 100 gifts of \$100 = \$10,000

If circumstances don't allow you to make a gift at one of the above levels, we would be happy to accept a donation of any amount.

Contact Mr. Rickie Currens at rickie.currens@att.net and Dr. Vasudeva Prasad Atluri at vpatluri@ieee.org for additional information and clarifications.

Thank you for helping us help the youth of the greater Phoenix Area embrace the wonders of STEM!

Phoenix Section : <http://sites.ieee.org/phoenix/>

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