

Women making strides in science, engineering

In the 1950s, when *Motion System Design* made its debut as *Power Transmission Design*, most women filled their working hours as homemakers, teachers, nurses, secretaries, or switchboard operators. Fast-forward 50 years: While engineering and science are still male-dominated professions, women continue to make strides and a growing number of programs are helping to encourage them.

Motion System Design's chief editors in 1959 and 2009.



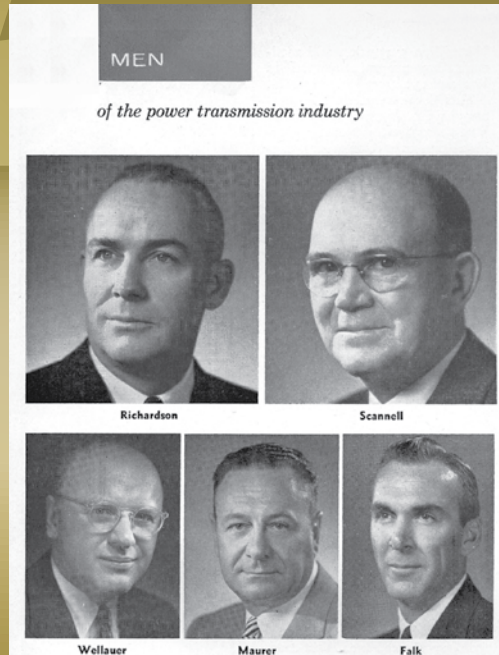
David Cartwright



Elisabeth Eitel

Nurturing nerd girls

As director of the Simulation Research Laboratory at Tufts University, Dr. Karen Panetta is one of the most highly acclaimed women in engineering. She is also the IEEE Women in Engineering (WIE) committee chair, and serves as the director for the world's largest professional women's engineering and science organization. Dr. Panetta has created the nationally acclaimed "Nerd Girls" program where undergraduate engineers research renewable energy topics and serve as role models for younger students. The program is aimed at breaking down the barriers that prevent women from entering the engineering disciplines.



MEN

of the power transmission industry



Richardson



Scannell



Wellauer



Maurer



Falk

A popular column during our 1959 inaugural year.



INTRODUCE A GIRL TO ENGINEERING

Participate in Introduce a Girl in Engineering Day as part of Engineers Week. Join others around the country for the sixth annual event on February 19, 2009. Your support provided by Agilent Technologies, Inc. and the IEEE Student, Jr. Foundation. Additional support provided by Siemens Foundation.

Engineers Week 2009 is a national event celebrating the contributions of engineers and technicians to society. It is the largest celebration of the engineering profession in the United States. Engineers Week 2009 is a national event celebrating the contributions of engineers and technicians to society. It is the largest celebration of the engineering profession in the United States. Engineers Week 2009 is a national event celebrating the contributions of engineers and technicians to society. It is the largest celebration of the engineering profession in the United States.



According to the National Engineers Week Foundation, many girls — representing half the future work force — are not receiving the guidance and encouragement they need to enter the engineering arena. *Introduce a Girl to Engineering Day*, to be held Feb. 19, is designed to mobilize as many as 10,000 engineering and technical professional women, who, along with their male colleagues, will reach at least one million girls. For more information, visit www.eweek.org.