

## Advance Notice



### *Dayton/Miami Valley TechFest 2006*

A Celebration of Technology in the Dayton Area!

Saturday, February 18 10am-6pm

Sunday, February 19 11am-5pm

Sinclair Ponitz Center (Bldg 12)

Free Admission and Parking in Building 12

### *Technology Surrounds All We Do*

This event will combine a “festival” atmosphere with a “serious side” in a special celebration of the high quality of technology innovations in the Dayton/Miami Valley area.

The festive part will be where adults, kids, families, moms and dads, grandmas and grandpas can **have fun sharing and learning about technology - past, present and future**. The serious technical part will be where teachers, parents and students can **find information on schools, careers, job opportunities, and technical and professional organization membership**. There will be **interactive hands-on exhibits** where youth, parents and teachers can interact with professional scientists, engineers and technologists. Also there will be presentations and performances by experts from both the Dayton Area and beyond that showcase science and technology in entertaining and informative ways.

TechFest has five main goals:

- (a) To celebrate the past, present and future of mathematics, science, engineering and technology contributions to the quality of life in Dayton and the Miami Valley, and beyond.
- (b) To assist youth in grades K-12 (and their parents), but especially grades 5 through 10, in making informed academic and career path choices.
- (c) To help youth (and their parents) become aware of the potential of Dayton and Miami Valley businesses and educational organizations whose core competencies are in mathematics, science, engineering and/or technology.
- (d) To provide workshop opportunities for elementary and secondary teachers in the areas of science, engineering and/or technology to assist them in meeting the science and technology standards.
- (e) To publicize the role of professional societies in the professional development of individuals that lead to the economic strength of Dayton and the Miami Valley, and the nation.

TechFest 2006 will provide Dayton and Miami Valley youth with numerous opportunities to interact with experienced people from professional societies, companies, educational institutions, businesses, government labs and other technology-based organizations from the Dayton and Miami Valley area. This event will showcase the educational and career opportunities offered by these organizations. Our goal is make Miami Valley youth (and their parents) aware of the career opportunities available to those who study and pursue sciences and math in their pre-college education.

Specifically, participating organizations and individuals will have hands-on and interactive glimpses of the mathematics, science, engineering and/or technology content of their profession. They will let the youth and young professionals know what pathways and opportunities there are in mathematics, science, engineering, and technology. There were 2017 students from 420 different schools as well as over 120 home-schooled youth who participated in TechFest 2005, which was delivered by over sixty (60) science, engineering or technology based organizations and thirteen (13) entertaining and informative speakers.

This community outreach educational event is dedicated to Dayton/Miami Valley Youth who are the future of the Dayton/Miami Valley Area. It is planned and conducted by volunteers from member societies of the Affiliate Societies Council (ASC) of Dayton {a 501(c)(3) organization} as a collaborative project with representatives of area colleges and universities, businesses and government partners. It is built on the strengths of previously successful ASC sponsored Career Exploration Weekends and TechFest 2003, 2004 and 2005. TechFest 2005 was supported financially by the Engineering and Science Foundation of Dayton, the Armed Forces Communications and Electronics Association (AFCEA), ASC Member Societies, and a variety of individual and corporate sponsors.