



Summary Report on 2010 TechFest™



The eighth annual TechFest™ was held on Saturday and Sunday, February 13 and 14, 2010, at Sinclair Community College. TechFest™ is a free community outreach STEM (science, technology, engineering and math) program of the Affiliate Societies Council (ASC) of Dayton. ASC also provides an annual Outstanding Engineers and Scientists Awards program and a Professional Development program the latter of which is held at Miami University once or twice yearly. ASC plans, organizes and carries out the TechFest™ program totally with volunteers. In addition to the many hands-on, interactive exhibits, TechFest™ includes eight free teacher workshops on Saturday that provide the attendees with CEU's courtesy of Wright State University.

The Honorary TechFest™ Chair this year was Mr. David Scarberry, Superintendent, Fairborn City Schools. The MC for the opening ceremony on Saturday morning was Dan Edwards, Anchor/Reporter for WDTN, Channel 2, NBC. The ceremony included very supportive comments from deans or their representatives from the University of Dayton, Wright State University and Sinclair Community College and from Gary Leitzell, Mayor, City of Dayton; Major General Ellen M. Pawlikowski, Commander, Air Force Research Laboratory; and Doug Lain, Lockheed Martin Corporation (LMC), who has obtained significant support for TechFest™ for many years from LMC.

The total number of registered youth was 2,539, which means, estimating the number of adults that accompanied the youth; we had over 3,500 total attendees for the two-day program. This is about the upper limit that can be accommodated by the facility. Our targeted age group of grades of 4 to 9 was 57% of this total with 90% in grades 9 and below. First-time attendees were 57%, which shows the continued impact of the program in the eight-county region. Four percent were from outside this region and there were 25 attendees from states outside of Ohio. Over the eight years that TechFest™ has been offered, a total of 17,382 youth have been registered.

There were 73 hands-on, interactive exhibits that involved 83 organizations, which included 10 first-time exhibitors, and 44 "Info-tainment" STEM presentations given over the two days by 14 speakers. The eight teachers' workshops on Saturday were filled to near capacity (334) and included teachers from grades K through 12 and from colleges. Over the two days of the 2010 program, we had 756 people volunteer a total of 3350 hours.

ASC is very appreciative of the 60 sponsors (cash, door prizes, in-kind) who made the 2010 TechFest™ possible of which there were 10 donations between \$1,000 and \$10,000. The ASC annual budget is approximately \$60,000 most of which goes to TechFest.

The 2011 program will be on February 19 and 20.

Photos and other information are available at www.ascdayton.org (click on TechFest). Below are sample photos showing just a few of the many activities.

Prepared by: Perry Yaney, Member of the TechFest™ 2010 Team
With data provided by fellow Team Members, April 28, 2010



Physics



Biology



Robotics



Solar Power