



Affiliate Societies Council (ASC) of Dayton
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ASC Newsletter, April 2012, Lyle Lockwood, Chair

March Meeting Topic (DECA). The special topic focus at the March General Membership meeting was Dayton Early College Academy (DECA). DECA is a high school in the Dayton Public School District that creates a unique “We go to college mindset”. It provides one-of-a-kind opportunity for students to excel academically and succeed with a goal to graduate from college. Since most students, especially those in DECA, have little or no visibility of the occupations, vocations, and work places that employ college graduates, there is a great need for them see what possibilities open-up with a college degree. Ms. Anne Rasmussen’s presentation focused on the regional education and workforce pipelines and the need for the students to have a variety of exposures for them to discover a focus.

She stressed the importance of “job shadowing” as a first step to provide important glimpses of college graduate employment. She explained that “job shadowing” has a great deal of flexibility. It can include, discussions, show and tell, tours, meeting different members of the workforce, and so forth. Employers are encouraged to explore the opportunity to host a student for job shadowing. Anne stated that DECA will collaborate with the host to create a mutually rewarding experience.

Ms. Rasmussen will be pleased to be a speaker at one of your society meetings, meet with your members’ employers, and answer any questions on DECA, its programs, and its challenges. You do not need to be within the Dayton City School District boundaries to participate. A presentation is attached for your information and reference. Contact Anne Rasmussen, Director of Community Involvement, Phone (937) 228-5778 or e-mail arasmussen@daytonearlycollege.org. Web site <http://daytonearlycollege.org/> **Chair’s Note: All member societies are encouraged to pass this message to your members, invite Ms. Rasmussen to speak at a meeting, or both.**

Outstanding Engineers’ and Scientists’ Awards. The officers and members of the ASC Executive Committee extend deep thanks to the sponsors of the twenty-nine nominees, the societies for their rankings, and the members of the awards committee for performing challenging and complex task of final selection. The committee members are Dr. Sivaram Gogineni, Spectral Energies, Chair, Dr. Adedeji Badiru, AFIT; Mr. Bob Gran, UTC; Dr. Donald Swihart, AFRL/RB; Dr. Jennie Gallimore, WSU I&HF; Dr. Guru Subramanyam, UD ECE; Mr. Warren Brown, Inst. for Safety & Health Managers; Prof. Surinder Jain, Sinclair Community College; Dr. Lewis Rosado, AFRL/RZTM.

53rd Outstanding Engineers and Scientists Awards Celebration Banquet. The Affiliate Societies Council recognized twelve Outstanding Engineers’ and Scientists’ Awards during the 53rd Awards Celebration Banquet on April 26, 2012, at 5:30 pm at the University of Dayton, River Campus, 1700 South Patterson Boulevard. The individuals selected for this award are: • Stephen Ash, Education, Sinclair Community College, • Dr. Partha Banerjee, Research, UD • Dr. William Borger, Technical Leadership, W.U. Borger Consulting, • Dr. E. Thomas Curran, Air Breathing Propulsion Systems, Universal Technology Corporation; • Dr. Raymond E. Gordnier, Research, Air Force Research Laboratory; • Dr. Hao Huang, Technical Leadership, General Electric Aviation Systems • Connie Muncy, Technical Leadership, Montgomery County • Dr. John F. Raquet, Education, Air Force Institute of Technology, • Mr. Joe Sciabica, Technical Leadership, Air Force Research Laboratory, • James R. Snyder, Aircraft Design Integration, Technologies Assessment Group, • Dr. Andrey Voevodin, Research, Air Force Research Laboratory • Larrell Walters, Technical Leadership, University of Dayton Research Institute. Nominators, employers, co-workers, professional society colleagues, members of affiliate societies, and the public were invited to join in celebrating these award presentations. Sponsorships for plaques, flowers, reception are welcome. The Affiliate Societies Council is a 501 (c) (3) organization composed of delegates from over 40 professional societies covering a wide range of science, engineering and related disciplines.

TechFest™ 2012 Summary. Registered youth at the Annual TechFest™ 2012 was 3,309. The Ten-year total number of registered youth is 23,415. There were countless volunteers who supported the 74 exhibitor hands on exhibits that are the stars of the show.. 157 volunteers provided volunteer project support positions in three phases of the TechFest weekend: Pre-Event, On-site Event Execution, and Post Project Review. Pre Event Phase positions included TechFest advocate; student flyer prep for delivery; student flyer delivery; door prize preparation, registration bag preparation, and facility preparation. On-site Event Execution positions were greeter, guest registration; announcer, speaker support and building monitor; door prize assistants, and data entry. Many thanks are extended to participating societies as exhibitors, advocating TechFest to your members, sponsorships, and attending. Special thanks go to Dave Engelsman and the entire TechFest Program Team. **TechFest™ 2013, January 16 and 17, 2013.**

Upcoming Science events for youth.

May 5 Space Day, Challenger Learning Center of Dayton, 1401 Leo Street, Dayton
Ph 542-6143 for KIDS

May 11-12 SpaceFest NMUSAF <http://www.nationalmuseum.af.mil/spacefest.asp>
Sign up for exhibiting and Promote to youth

June 1-15 Gadget Camp, Kirkmont Center <http://www.kirkmontcenter.com/>

June 17-12 Air Camp USA <http://www.aircampusa.com/>

July 6 SOAR Contact Jesse Duckro to provide hands-on STEM
Learning activities, National Aviation Heritage Alliance

July 7 Dayton Air Show, A2 jld@aviationheritagearea.org
(937) 443-0165 (o), (937) 751-9427 (c)

July 8-13 Air Camp USA <http://www.aircampusa.com/>

July 22-28 Air Camp USA <http://www.aircampusa.com/>

August 5-10 Food Camp, Kirkmont Center <http://www.kirkmontcenter.com/>
Societies are invited to send information on youth STEM camps to ASC to promote.

Professional Development Seminars. November 8-9, • New Pathways for Success • Thursday, Mike Webber, • Breaking Unwritten Rules • Friday, Dr. Patrick Sweeney • Helping your career • Increasing Emotional Intelligence • Improving test taking • Making Great Decisions • Understanding Tipping Points • Red Shirting 5-year olds **For beginning and middle engineering/technical management** • 16 Professional Development Hours (PDH). Contact Will Taylor, 937.237.0002 or 255.4407 or check http://www.ascd Dayton.org/professional_development.html

Dayton Regional STEM School. Practicing professionals are invited and encouraged to be an active contribute to youth education in STEM. See opportunities below. Contact Laurie McFarlin laurie.mcfarlin@daytonstemschool.org <http://daytonstemschool.org/>

Coaches for Robotics Fall and into the spring
Coaches for Science Olympiad teams Fall and into the spring
Work sites for Job Shadowing (9th grade) All Day 05/04/12
Work sites for Job Shadowing (10th grade) All Day 05/04/12
Presenters for Power Lunches (Grade 7-11) 50 minute presentation to small groups (20). Share personal experience about job, career educational needs, etc. On site at the school 04/18/12
Guest Speakers • Subject Matter Experts Year round – Dates TBD

ASC Members Meetings. Contact Lyle Lockwood if you have a special topic or society that you would like to feature at a future meeting.

Calendar items. Member societies are encouraged to submit noteworthy technical meetings and Science, Technology, Engineering & Math (STEM) events, programs and camps for youth to the ASC office for community wide publicity. Provide contact and link information with your notice.

Feel free to share comments, questions, and suggestions on the ASC program. Contact the ASC office, Amy Solko, 224.8513, asc@dnaco.net or the ASC Chair, Lyle Lockwood, PMI Delegate, 937.426.2808, llockwood@utcd Dayton.com

Chair's Note: All member societies are encouraged to pass this newsletter to your members.