

2008 DELAWARE VALLEY ENGINEERS WEEK



Engineers Week – February 15-23

*** EVENTS ***

Future City Competition

Saturday, January 26
Villanova University
Jake Nevin Field House

Teams from area middle schools accept the challenge to design the city of the future, using the SimCity program to plan their ideal communities, and constructing working models of these cities for judging and display. The regional judging will be held at this event starting at 9 AM and continuing until 5 PM. Admission is free.

Engineers Week Proclamation Luncheon

Friday, February 15
Loews Hotel
1200 Market Street, Center City

2008 Engineers Week in the Delaware Valley kicks off with the Proclamation Luncheon. A reception with cash bar will begin at 11:30 AM followed by lunch at 12 Noon. The 2008 Delaware Valley Engineer of the Year will be introduced at the Luncheon. In addition, Engineers Week Proclamations will be presented and Engineering Achievement Awards will be featured.

Please note that two entrée choices will be available – seared chicken breast or pasta primavera. We ask that you advise us of your choice when submitting your reservation.

For more information on directions, parking, etc., please visit www.loewshotels.com.

Price - \$45.00

Young Engineer of the Year Dinner

Wednesday, February 20
McCall Country Club
Lynn Boulevard, Upper Darby

The 2008 Delaware Valley Young Engineer of the Year will be cited at this dinner. The evening will begin at 5:30 PM with a cash bar and reception, with dinner following at 6:15 PM.

Price - \$35.00

This event is presented by the Engineers' Club of Philadelphia.

Engineers Week Banquet

Saturday, February 23
Drexel University
Creese Student Center

The "main event" of Engineers Week is the Banquet, which will be hosted by Drexel University. A cash bar reception will start at 6 PM, with dinner at 7 PM. At the Banquet, the following will be recognized:

- 2007 and 2008 Engineers of the Year
- Outstanding Engineering Achievements
- Young Engineer of the Year
- Outstanding Math and Science Teachers
- Undergraduate Student Papers
- Outstanding High School Students
- Future City Competition Winners
- Outstanding Service Awards

Parking information and driving directions for Drexel University are available at

www.dvewc.org.

Price - \$75.00 (includes parking)

Registration for 2008 Engineers Week Activities

To reserve your spaces at these events, please complete and return the information on page 3 of this form.

2008 Delaware Valley Engineer of the Year

Dianne Dorland, Ph.D., P.E.



Dianne believes that the engineering profession faces various challenges. She feels that leadership addresses these challenges by developing vision and strategies, aligning people relevant to those strategies, and empowering individuals to make the vision happen. She is convinced that the Delaware Valley professional engineering societies have the relevant people to impact the changes that face us.

As Dean of Engineering at Rowan, Dianne sees the challenge of education. The needs of future engineers are solidly linked with the needs of business and industry, because practice and education are intrinsically linked.

Dianne's professional commitment is to promote excellence in education and to continue to nurture the interaction between industry and education, building teams to address the challenges practicing engineers face today and tomorrow.

Dr. Dianne Dorland has been Dean of the College at Rowan University since July 1, 2000. The College is the newest engineering school in the Delaware Valley, created through a \$100 million endowment from Henry and Betty Rowan in 1992. Rowan is a natural fit for Dianne's lifetime focus on the integration of engineering practice and education to better prepare students for entry into a rapidly changing and highly competitive global marketplace. The College and its four engineering programs (chemical, civil/environmental, electrical/computer, and mechanical engineering) offer a highly innovative multi-disciplinary project-based learning environment. The College accepted its first freshman students in 1996.

As Dean, Dianne is responsible for academic program management and integrity, student affairs, faculty development, and budget supervision. She has successfully brought the outstanding features of Rowan's engineering educational format to national and international attention. Under her leadership, the College has been widely and consistently recognized for its undergraduate programs. Her focus has positioned the College for continued success in recruitment, retention, and graduation of engineers who are valued as degreed professionals by employers and graduate schools.

As a spokesperson for education and industry interaction, Dianne has strengthened the professional base for engineering education locally, nationally and globally. She has made major strides in the promotion of industry-university relations in the Delaware Valley, leading to significant industrial support for engineering programs.

Dianne has been a member of the American Institute of Chemical Engineers since 1969. Her extensive service in this organization culminated with her election to President in 2003. She is also active in the American Society for Engineering Education and was elected to the Executive Committee of the Engineering Deans Council in 2006.

Dianne received her Bachelors and Masters degrees in Chemical Engineering at the South Dakota School of Mines and Technology, followed by a Ph.D. from West Virginia University. She is a professional engineer in Minnesota, West Virginia and New Jersey. She has earned numerous honors and awards as well as special recognition from her alma maters.

Starting with her first jobs out of college at Union Carbide and DuPont, Dianne has extensive experience both in industry and academia. She has been a faculty member at West Virginia University and the University of Minnesota-Duluth prior to coming to Rowan.

The Mission of Engineers Week

Our mission is the coordination and support of activities that celebrate the engineering profession's contributions to society through outreach, education and leadership and the recognition of extraordinary achievement and service.

What Is Engineers Week?

Engineers Week is celebrated in February of each year to recognize engineering accomplishments throughout the nation. In the Greater Philadelphia region, Engineers Week programs have been held continuously since 1953. The programs are sponsored by a coalition of engineering societies, government agencies, universities and major corporations which represents thousands of engineers.

The Importance of Engineers Week

Engineers have helped build our nation since its founding. Our first President, George Washington, conducted engineering activities as a soldier and as a young man surveying and mapping wilderness territories. Today, engineers are essential for building and maintaining the systems that protect our health and safety, restore and safeguard our environment, make our factories run, and contribute to our economic future.

Yet, for all of these contributions toward building a modern society, most people do not know much about engineers or what they do. Some have called engineering the "stealth profession", although more than 1.6 million Americans are engineers. Engineers Week is needed to inform citizens of the value of

engineers, celebrate engineering technology and innovation, and cultivate interest in math, science and engineering among the nation's youth – tomorrow's work force.

How Can I Get Involved?

You can help promote a better appreciation of engineers and scientists. Your financial donation to the Engineers Week Council will help support the many programs run by the Council.

Additionally, the Council is always looking for volunteers to assist in many of the activities surrounding Engineers Week. Whether you have an hour, a day, a weekend, or more, we have a need for your talents and skills. Consider becoming involved in one of the following ways: newsletter, website coordination, Hall of Fame, Proclamation Luncheon, Annual Banquet, public relations, fund development, or general assistance as needed.

If you are interested in volunteering with the Council, or have any questions on the Council or any of the volunteer opportunities, please contact Michael McAtee, PE, Vice Chair of the Council, at 215-922-8081, ext. 1622 or mjmcaatee@urbanengineers.com.

*** RESERVATION FORM ***

Name _____

Organization _____

Street _____

City, State,
Zip _____

Phone _____

Please seat me
with _____

Reservations are required ONE WEEK in
advance of the event

Please visit our web page for more information
and directions to the venues – www.dvewc.org

Proclamation Luncheon
_____ seats @ \$45 each = \$ _____

Please indicate entrée choice (s):

Seared chicken breast _____

Pasta primavera _____

Young Engineer of the Year Dinner
_____ seats @ \$35 each = \$ _____

Engineers Week Banquet
_____ seats @ \$75 each = \$ _____

Voluntary Contribution \$ _____

Thank you for your contribution!

Total enclosed \$ _____

Make checks payable to
Delaware Valley Engineers Week

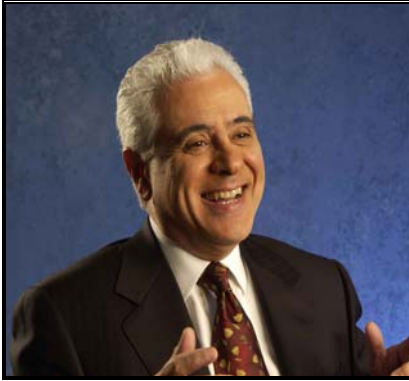
For those reserving tables, please list the names of all planned attendees on the back of this form so we can provide name tags. Reserved tables will seat 8 for the Luncheon and 10 for the Banquet.

Please complete, clip and send this form with your payment to

Engineers' Club of Philadelphia – Attention: Richard A. Mulford, P.E.
215 South 16th Street, Suite 16
Philadelphia, PA 19102

215-985-5701 / Fax 215-985-5704

Engineers Week Banquet Speaker – Dr. Joseph Carleone



Dr. Joseph Carleone is President and Chief Operating Officer of American Pacific Corporation. He holds a Doctorate and Masters degree in Applied Mechanics and a Bachelors degree in Mechanical Engineering from Drexel University. He has continued his education at the California Institute of Technology and the University of California-Los Angeles in the areas of business and management. He is a native Philadelphian and has been an instrumental part of our nation's space program.

Dr. Carleone leads an organization responsible for three major business segments located in four production locations. The company produces the solid propellant oxidizer, ammonium perchlorate, which is used in the space shuttle program as well as a number of critical Department of Defense programs. It produces other chemicals for commercial applications and the clean fire extinguishing chemical, Halotron. It is also a leading manufacturer of active pharmaceutical ingredients and registered intermediates for the pharmaceutical industry. These products include compounds used for medical purposes such as anti-viral applications and treatments for cancer and central nervous systems disorders. Additionally, it designs and manufactures liquid propellant in-space thrusters for use on satellites

Dr. Carleone has published over 45 articles and edited a book entitled "Tactical Missile Warheads". He holds a patent on a unique method to incorporate fins on an explosively formed projectile.

2008 DELAWARE VALLEY ENGINEERS WEEK February 15-23
Celebrating 50 Years of Space Exploration

CALENDAR OF EVENTS (details given on page 1)

ENGINEERS WEEK PROCLAMATION LUNCHEON – Friday, February 15
Loews Hotel, 1200 Market Street, Center City

DELAWARE VALLEY YOUNG ENGINEER OF THE YEAR DINNER – Wednesday, February 20
McCall Country Club, Lynn Boulevard, Upper Darby

ENGINEERS WEEK BANQUET – Saturday, February 23
Drexel University, Creese Student Center

Please list names of attendees who will be seated at your table:

