

SECTION CALENDAR

May 2005 Annual Awards Banquet

May 5 – ASME Annual Awards Banquet

<http://sections.asme.org/PGH/>
for information on tours and events.

Next Newsletter will be in September.
Have a safe and enjoyable summer.

**SHOW YOUR
SUPPORT FOR ASME**

If you sponsor ASME Pittsburgh, we will feature your company's products and services in our newsletter. For \$300 you can capture the attention of 1500+ fellow members and inform them of your company on a full page of one issue. For \$180 your company will be featured in 1/2 page; for \$95, 1/4 page; for \$70, 1/8 page; and for \$50 a business card space.

Speaker:	TBD
Date:	Thursday, May 5, 2004
Times:	6:00 PM Social (cash bar) 7:00 PM Dinner (optional) 8:00 PM Program
Location:	Loews Club, Loews Waterfront Theatre 300 West Waterfront Drive, Homestead, PA 15120, (412) 462-6776 (Links to maps are provided at www.asme.org/sections/pgh/)
Parking:	Free – in lot
Dinner:	Grilled Lemon Garlic Chicken Seafood Alfredo Vegetarian available upon request only
Cost:	Members and Guests – \$26.00 Students and Unemployed members - \$18.00 There is no charge for the program alone, but please call to reserve a space.
Contact:	For registration or more information, contact Lori Rankin, (412) 688-2093, larankin@switch.com

Program Description

Come and join us to honor our 2005 Engineer-of-the-Year Marilyn Reeder and Industry-of-the-Year MEDRAD. This is always a special opportunity to honor those who have served the Mechanical Engineering community of Pittsburgh with distinction.

We will also recognize the achievement of several undergraduate Mechanical Engineering students from the University of Pittsburgh, Carnegie Mellon University and Geneva College. Our student winners from Future Cities and the Pittsburgh Regional Student Science Fair will also be acknowledged. Come to enjoy the atmosphere or bring the entire family - everyone is welcome! There is fun for everyone at Pittsburgh's Waterfront

Seminars:

Professional Development
Albert R. Bouvy
E-mail: arbouvy@aol.com

Newsletter:

Editor
Brian J. Schleger
E-mail: bschleger@rahiller.com

Please Print & Post

Engineer of the Year

Marilyn Reeder

Marilyn Reeder is currently the Non-Traditional Career Specialist for the Community College of Allegheny College. In this capacity, she works to ensure the success of students who have chosen careers not traditionally held by members of their gender. Her own experience as a female in the predominantly male field of mechanical engineering provides her with personal and unique knowledge of the issues and concerns of these students. She is fortunate to work with students of both genders; women in engineering and the trades and men in allied health and paralegal programs. She is also the instructor for the CCAC New Options Program, a career development program encouraging individuals to pursue non-traditional careers.

Ms. Reeder began her engineering career as a test engineer at the Perry Nuclear Power Plant for Cleveland Electric Illuminating Company and later joined Westinghouse Electro-Mechanical Division where she was a project and design engineer on Naval Nuclear equipment for many years. Since that time she has held project, design and consulting engineering and project management positions at local companies including Respironics and Conair.

She has been a member of ASME for 25 years and has held several leadership positions in the Pittsburgh Section including section chair and director as well as participating at the national level on the Board on Women and Minorities (Diversity and Outreach). Ms. Reeder is also active in the Society of Women Engineers currently serving as the national committee chair of Awards & Recognition and as a member of the editorial board of *SWE Magazine*. She is also currently the vice president of the Council on Realizing Excellence in Management (CoREM)

She holds a bachelor of science of mechanical engineering degree from the University of Pittsburgh and a master degree in leadership and liberal studies from Duquesne University.

Marilyn resides in Murrysville, PA with her husband, Craig, and their two sons, Michael and Dylan.

University of Pittsburgh Alumni Association	
Fifth Annual School of Engineering Golf Outing	
Event:	Fifth Annual School of Engineering Golf Outing
Date:	Jul 18 2005
Time:	11:30AM
Location:	Diamond Run Golf Club Sewickley, PA
Time:	11:30 a.m. <i>Registration and casual lunch</i> 1:00 p.m. <i>Shotgun Start</i> 6:00 p.m. <i>Reception</i> 6:30 p.m. <i>Dinner</i>
Description :	The format of the outing will be a four-person scramble, and all alumni and their guests are welcome to participate, regardless of skill level. All participants must have their own set of golf clubs. The cost for the outing is \$145 per person and includes greens fees, cart rental, lunch, and dinner. Prizes will be awarded! The reservation deadline is July 5, 2005. Additional information and directions can be found at the school's alumni Web site at www.engr.pitt.edu/alumni , or you may contact Kristen Bires at 412-624-9813 or kbires@engr.pitt.edu .

Industry of the Year MEDRAD

MEDRAD, INC. is a worldwide leading provider of medical devices and services that enable and enhance imaging procedures of the human body. Used in diagnostic imaging, MEDRAD's product offerings include a comprehensive line of vascular injection systems, magnetic resonance (MR) surface coils and accessory products. Heart disease . . . stroke . . . cancer . . . these and other diseases are diagnosed faster and more accurately around the world with the help of MEDRAD technology.

The company was founded in 1964, when M. Stephen Heilman, M.D. created the first angiographic injector in the kitchen of his home near Pittsburgh, Pennsylvania. An emergency room physician by day, "Doc" saw tremendous potential in angiography, a revolutionary X-ray technology that made it possible to visualize blood vessels inside the body. Injecting a contrast agent into the vessels, he reasoned, would make it possible to diagnose the heart disease and stroke patients he saw every day.

Doc's invention was the first in a long list of MEDRAD innovations to meet the challenges of a changing medical imaging frontier. The company later introduced the first injector technology for computed tomography (CT) and magnetic resonance (MR) imaging, and has become the leading provider of ancillary devices for the MR suite. Today MEDRAD products are sold to hospitals and medical imaging centers the world over, and contributes to over 20 million imaging procedures every year. The company is a 2003 recipient of the Malcolm Baldrige National Quality Award, the top honor a U.S. company can receive for quality and business excellence.

MEDRAD's annual sales growth has averaged 15% since 1993, with 2004 revenues of \$343 million. The company was acquired in 1995 by Schering AG, Germany (NYSE: SHR). Other highlights include:

Growth

- Australia/Imaxeon acquisition ~ *August 2000*
- Transition to direct sales and service in Japan ~ *July 2001*
- Manufacturing start-up in China ~ *2001*
- Heilman Center manufacturing facility open ~ *2002*
- 1,400 employees (over 1,000 in Pittsburgh)

Customer satisfaction

- Customers rank MEDRAD among the Top 5 in *Medical Imaging Magazine* annual survey, along with industry giants Siemens, GE Healthcare, Eastman Kodak and Philips Medical Systems.
- Customer surveys indicate 98% of MEDRAD's U.S. customers are satisfied and would recommend our products/service.

Greatest Resource

MEDRAD employees are proud of the company they have built. Employees are encouraged to think as entrepreneurs who personally contribute to the success of the organization, and find better ways to achieve company objectives. As a result, MEDRAD's employee retention level is well above the national average of Fortune 100's "Best Companies to Work For."

Professional Society Participation

MEDRAD actively supports and strengthens key communities through direct sponsorship and participation in industry and professional organizations. MEDRAD has been generous in their time and resources towards the ASME Pittsburgh Section. One of our employees, Rich Horne, has been involved with the Executive Committee for over 3 years, actively assuming roles within the Section. He is currently the Section Secretary and Webmaster, and will be ascending to the Vice-Chair position this summer. MEDRAD has allowed time for him to attend various ASME functions including committee meetings, tours and events, and in the past MEDRAD has hosted a tour for the Pittsburgh Section. They also encourage their employees to join professional societies, become involved in those societies, and pay for their membership dues.

Recent Recognitions

- Training Magazine ~ 2002 CEOs Who Get It
- Malcolm Baldrige National Quality Award ~ 2003
- CEO of the Year ~ 2003 Pittsburgh Technology Council Tech 50 awards
- 100 Best Places to Work in Pennsylvania ~ 2003 Ranked 13th in large company category

In short, MEDRAD is a strong Pittsburgh company and a friend to the ASME.

ASME to Give Milestone Model T Landmark Designation

ASME has selected the 15th millionth and last Ford Model T to be produced as a Historic Mechanical Engineering Landmark. The ceremony will take place on May 20 at the Henry Ford Museum in Dearborn, Mich.

Edsel Ford, the great-grandson of Henry Ford is schedule to attend the ceremony. The Model T landmark is the first of five landmarks scheduled during ASME's anniversary year. Visit the Calendar of Events on the anniversary Web site for other scheduled landmarks, heritage sites and collections ceremonies planned throughout the year. <http://anniversary.asme.org/events.shtml>

Continuity & Change Update

PMTF Decisions Continue Transition Process

The Project Management Task Force (PMTF) has made several key decisions enabling the Continuity & Change effort to move forward:

- All governing units of Sectors will be called Boards of Directors, replacing the current committee/council structures;
- The Center for Professional Practice and Development has been renamed as the Center for Professional Development, Practice and Ethics;
- And, a new project team template has been approved for [Knowledge & Communities](#).

For the latest information on Continuity & Change, log onto the newsletter:

<http://www.asme.org/change/IINEWSLTR0105.htm>

EMentoring for Early Career Professionals

It's convenient and a great way to set the stage for a fulfilling professional career. Sign up for one of our MENTORS - a network of practicing engineers that can offer you advice, direction and provide you with resources that you can use to manage your career. Participation will give you the opportunity to expand your knowledge base, increase your communication and leadership skills and much more.

<http://www.careerlifeguide.asme.org/recentgrad/ementoring.html>

WTC III Technical Program Attracts Interest from over 60 Countries!

The World Tribology Congress III has received tremendous response from the international tribology community. Abstracts from 61 countries were submitted for consideration in the technical program. Over 65 percent of the submissions were from countries outside of the United States representing each of the seven continents. "Our global community of micro/nano experts look forward to sharing micro/nano solutions with the tribology industry," said Raj Manchanda, director Advanced Technology Programs at ASME. Registration for the Congress, which takes place Sept. 12-16, 2005 in Washington, D.C., will open soon on the WTC III Web site. <http://www.conferencetoolbox.org/WTC05/>

ASME TURBO EXPO 2005 – Focus on Aircraft Engine Fuel Efficiency/New Designs

David L. Calhoun, president and CEO of GE Transportation in Cincinnati, ranks fuel consumption along with maintenance at the top of the list of factors impacting costs in the gas turbine business. "We have strong efforts underway to improve fuel burn in gas turbines," said Calhoun, citing the company's new GENx engine for the Boeing 7E7 and Airbus A350 passenger aircraft. Calhoun will be one of the keynote panelist featured at the 2005 ASME TURBO EXPO, which will open on June 6 at the Reno Hilton in Reno-Tahoe, Nev.

Other panelists include Louis R. Chenevert, president of Pratt & Whitney; John G. Rice, president and CEO of GE Energy, and Randy H. Zwirn, president and CEO of Siemens Westinghouse Power Corp and Sir Ralph Robbins, former chairman of Rolls-Royce plc in the United Kingdom. The theme of the session is "Gas Turbine Technology: Focus for the Future." For more information visit the IGTI Web site at <http://www.asme.org/igti/>

Mentors needed for Engineers without Borders

Do you want to share your experience with engineers who are entering the workforce? There are other ways that you can get involved with student engineers, either through a hands-on project or via email through our partnership with Engineers Without Borders—USA (EWB-USA).

As a professional member of EWB-USA, you have the opportunity to mentor student projects in your area and across the country. The project mentor oversees all technical aspects of the project and is responsible for the selection of technology, engineering design, prototype testing and field implementation. EWB seeks engineers with an interest and expertise in water resources, renewable energies, structural design, and cultural knowledge.

For complete information on mentoring and to volunteer, visit the EWB-USA website at www.ewb-usa.org/get_involved_professional_mentor.html

For specific information on EWB's long-term tsunami rebuilding efforts, visit EWB's main page at www.ewb-usa.org

17 ASME Student Sections Receive Over \$22,000 for Outreach Programs

ASME's Board on Diversity and Outreach (BDO) has awarded \$22,250 to 19 ASME Student Sections to promote activities which result in attracting more women and minorities to become active in ASME and in the engineering community. The monies are awarded through BDO's Diversity Action Grant (DAG) Program, a competitive grants program open to all ASME Student Sections. Detailed information on the DAG Program may be viewed at <http://www.asme.org/communities/diversities/bdo/dag.html>. The deadline for applying for grants for the 2005-2006 academic year is Nov. 1, 2005.

Partners In Mechanical Engineering Grants Available

The Board on Diversity and Outreach is accepting applications for Partners in Mechanical Engineering grants. All ASME Sections are eligible to apply. Grants are made on a first-come, first-served basis. For more information, go to:

<http://www.asme.org/communities/diversities/bdo/partners.html>

Executive Committee 2004 – 2005 -- *Chair* Douglas Koebler, Automated Cell, Inc., 390 William Pitt Way, Pittsburgh, PA 15238, (412) 826-5250, koeblerd1@asme.org ** *Vice-Chair* Lori Rankin, Union Switch & Signal, 1000 Technology Drive, Pittsburgh, PA 15219-3120, larankin@switch.com ** *Secretary* Richard Horne, Medrad, Inc., One Medrad Drive, Indianola, PA 15051, horner@asme.org ** *Treasurer* Ron Kalnas, Bechtel Plant Machinery, Inc., 500 Penn Center Boulevard, Pittsburgh, PA 15235, (412) 825-8994, rskalnas@earthlink.net ** **Directors** - Donald Risko, John Wesner wesnerj@worldnet.att.net, Richard Conley rwconley@kerotest.com, Darrell Rapp, Thomas (Rip) Curran, Marilyn Reeder, Douglas Koebler, Eric Bono ebono@crucibleresearch.com, Albert Bouvy, Frank Faron, William P. Spohn, Jeffrey Viperman ** **Committee Chairs – Newsletter Editor** Brian Schleger, Ralph A. Hiller Co., 724-325-1200, bschleger@rahiller.com ** **Honors and Awards** Mike Sylvester, AllTek Staffing and Resource Group, Inc, 412-573-0077, mike@alltekstaffing.com ** **Member Interests, Re-employment** Thomas Curran, Monroeville Water Auth, 412-372-2677 ** **Government Relations** Frank Faron, Raifar Assoc., 412-373-3191 ** **Public Information** Carlo Grassucci, cgrass@nauticom.net ** **Board on Diversity and Outreach** Marilyn Reeder, mmreeder@adelphia.net ** **Programs, Student Programs K-12** Darrell Rapp, Concurrent Tech. Corp., 412-577-2658 ** **History and Heritage** William Spohn, Testo, Inc, 724-443-7700, spohnw@asme.org ** **Industry Relations, Satellite Programs** Donald Risko, Extrude Hone Corp, 724-863-5900, don.risko@extrudehone.com ** **Professional Practice and Ethics, Technical Activities** Allen Selz, Pressure Sciences Inc., aselz@press-sci.com ** **Professional Development** Al Bouvy, arbouvy@aol.com ** **College Relations** Jeffrey Viperman, University of Pittsburgh, 412-624-1643, jsv@pitt.edu ** **Webmaster** Richard Horne, Medrad Inc., rhorne@medrad.com ** **Regional Vice President** Len Anderson ** **Midwest Regional Director** Thomas Wendt 1-800-628-6437 ** The American Society of Mechanical Engineers, Pittsburgh Section. All rights reserved. ** The ASME Pittsburgh Newsletter is published monthly throughout the year, except June, July, August, and December. **

Please Direct All Email Address Changes to: <https://www.asmeny.org/memberaddr/html/security.htm>