

PROGRAM: NASA PRESENTATION

S. Garry Miller is a Technology Transfer Specialist for Penn State University working in the PENNTAP (Pennsylvania Technology Assistance Program) Division. He is a graduate of the University of Delaware with twenty-five years of industry experience.

PENNTAP's ultimate objective is to assist in providing Pennsylvania companies a technological advantage over organizations from other states, at no charge to Pennsylvania companies. NASA has employed extraordinary resources to meet space exploration missions since its inception in 1958. This investment in capital and human resources has resulted in the creation of advanced intellectual property that is available to industry. Few are aware of the wealth of technology, of substantial value to industry, simply sitting on the shelf.

For more information on PENNTAP, please see inside.

WHEN: Tuesday, September 10, 2002
Reception: 5:30-6:30 p.m.
Dinner: 5:30-7:30 p.m.
Program: 7:30 p.m.

WHERE: Holiday Inn
Allegheny Valley/R.I.D.C. Park
180 Gamma Drive
Pittsburgh, PA 15238
Telephone: 412-963-0600

MENU: **Boneless Breast of Chicken Marsala**
Broiled Filet of Boston Cod, English Style
Menus include tossed garden salad, parsley buttered potatoes, fresh medley of garden vegetables, roll and butter, chef's choice dessert

DIRECTIONS: Holiday Inn is located off Exit 10 of the Allegheny Valley Expressway (Route 28).

COST: Presentation at 7:30 p.m. – No charge
Tour, Buffet, and Program

Non-member	\$20.00	Student	\$10.00
Member	\$18.00	Retired	\$15.00
		Unemployed Member	\$10.00

RSVP: **412-261-4300**
You can make your reservations by calling the Engineering Society of Western Pennsylvania.
Please make your reservations and meal choice by noon on September 6, 2002.



2002—2003

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www.saesections.org/pittsburgh/index.html

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OBITUARY

PETER McGRATH NOBLE

We lost a good friend and significant contributor to SAE when Pete Noble passed away on July 29, 2002. He was 63 years old. Pete's untimely passing shocked everyone. He had been with us at the last board meeting the week before.

Pete was many things to many people, not the least of which being a pillar of the Pittsburgh Section of SAE. Also a past Chairman, he had been Secretary of the Section for many years. In the early '90's, when the section was at a financial and participation ebb, Pete virtually single-handedly brought the section back from the brink of oblivion. Many will remember his mimeographed, typed, and even handwritten, newsletters of that time. He used his newsy-style articles to spark renewed interest in our local section of the International SAE. The overall result was the renewed health of the Section and the organization we enjoy today.

Peter was laid out at the McDonald-Aeberli Funeral Home in Mars, PA, for family visitation. The funeral service was held at St. Kilion's Catholic Church in Mars, PA. Several of our members were able to attend and to pay the respects of the Section. He will be greatly missed.



PITTSBURGH SECTION

SAE INTERNATIONAL CHANGES FOR THE PITTSBURGH SECTION

This is a year of great change for SAE! As SAE International moves ahead, some of the changes resulted in the evaporation of some of the help that the International has provided to the Pittsburgh Section in the past. SAE printing can no longer print and mail our section newsletter; allow the use of SAE Headquarters for Section meetings; allow the use of SAE Headquarters for Pittsburgh Section Governing Board meetings; provide printed materials to us for Section use; and take reservations for Section meetings. We very much appreciate all of this help and are sure that they will continue to help us in every way that they can, but we must now find new ways of getting these tasks accomplished.

First, we are going to push into the 21st century by delivering our Pittsburgh Section newsletter by electronic communication. The newsletter will be e-mailed to all members possible with a “reject” option attached. Members without e-mail will be mailed a printed copy of the newsletter with a “continue” option attached. In this way, every SAE-Pittsburgh member will have the opportunity to positively choose whether he/she wants to receive the newsletter:

1. By e-mail,
2. By regular mail,
3. By e-mail *and* regular mail, or
4. Not to receive the newsletter.

If you are interested in receiving the newsletter by e-mail, you may simply send an e-mail with SAE Newsletter in the subject line to the e-mail address below. Or you may send a letter to the address below or call the telephone number listed.

Howard M. Earnest
1553 Wilson Road
Pittsburgh, PA 15236

E-mail: viiltd@pobox.com
Telephone: 1-412-655-1616

The governing board meetings, to which all members are invited, will be held at Domenico's at 20550 Route 19 North in Cranberry, PA. Come and join in and contribute your ideas to the group.

We have changed the dinner costs for this year. We have been underwriting meal costs for the last several years and will continue to do so. However, to maintain quality in a time of rising costs, we are raising dinner costs slightly for our members and retired members. Costs for non-members, students, and unemployed members will remain unchanged.

This is the start of an exciting year. There is a great line-up of technical programs and the opportunity to exchange ideas with a great group of people.

NASA TECHNOLOGY TRANSFER INFORMATION

As a Technology Transfer Specialist of Penn State University's "PENNTAP" program, Garry Miller works to match NASA technology to Pennsylvania companies. Its ultimate objective is to assist in providing Pennsylvania companies a technological advantage over organizations from other states. Services provided by PENNTAP are at no charge to Pennsylvania companies.

Seventeen thousand (17,000) technologies, patents, and disclosures have been developed by NASA to meet a particular mission and have not been transferred for commercial use. A number of benefits can be realized through the acquisition of NASA intellectual property:

- Reduction of basic research investment
- Reduction in product development cycle time
- Enhancement of manufacturing processes
- Leverage expertise of a pool of experts
- Open access to advanced testing centers
- Providing market differentiation for innovative products and services

A number of questions drive NASA's strategic plan. One of the six questions is directed towards the transfer of technology as a primary mission.

"What cutting-edge technologies, processes, techniques and engineering capabilities must we develop to enable our research agenda in the most productive, safe, economical and timely manner? How can we most effectively transfer knowledge from our research and discoveries to benefit both commercial ventures and the quality of life?"

There is considerable interest in proactively identifying candidate companies and completing the transfer process in the following areas:

1. License patented technology;
2. License technology and work with NASA to develop a commercial product;
3. Work with NASA to develop a commercial product based upon un-patented technology;
4. Work at NASA to develop technology for a specific application, then license;
5. Use NASA facilities for cooperative and/or company research.

The technology ranges from advanced instrumentation and sensor technology to mechanical hardware and biological intellectual property or software. Accessing this wealth of untapped technology can provide organizations with a competitive market advantage.

PITTSBURGH SECTION MEETING SCHEDULE FOR 2002-2003

SEP 02	NASA Presentation - Automotive Materials Speaker - Gary Miller Garland Steyer September 10, 2002 @ Holiday Inn - RIDC Park North
OCT 02	MATCO Laboratories - Industrial and Forensic Testing; Laboratory Services Speaker - Dr. "Z" Bob Nocivelli October 8, 2002 @ MATCO Laboratories in Robinson Township
NOV 02	Detroit Diesel Tour - Diesel Engine Technology Speaker - TBD Dale Doust November 7 or 14, 2002 @ Cranberry Facility
DEC 02	Frick Mansion and Carriage House Tour - Architecture, History, and Classic Cars Speaker - None Ron Lichalk December 4, 2002
JAN 03	No Meeting (Consider President's Night Visit) Brian Taylor - Coordinator, SAE International
FEB 03	Lubrication Meeting Speaker - Ken Henderson Ross Stewart February 11, 2003 @ TBD
MAR 03	Pittsburgh Vintage Grand Prix Presentation and Videos Speaker - TBD Wayne Ferens March 11, 2003 @ Location TBD
APR 03	Student Night Speakers - College Student Representatives and Students Gary White April, 2003 @ Peter's Place Restaurant
MAY 03	PPG Paint Presentation and Tour - Paint Trends Speaker - Dan Snow Gary White May 13, 2003 @ PPG Research Center, RIDC Park
JUN 03	No Meeting Scheduled

GOVERNING BOARD MEETING

The next Governing Board Meeting will be at
Domenico's Ristorante
20550 Route 19 North
Cranberry Township, PA
Monday, October 21, 2002
At 5:30 P.M.