



Susquehanna Section News

Editor: Milton H. Leake, PE

March 2005

Chairman's Message

Dear Susquehanna Section Members

Greetings! I'm sure that many of us are looking forward to the start of spring and hopefully you are planning to set aside some time from your spring cleaning to attend one or more of our upcoming events! For the latest information, check out the Section website:

<http://sections.asme.org/Susquehanna/>.

As a review, we've had several terrific meetings in recent months, including the October tour of the AES Ironwood Power Plant in Lebanon, a presentation on Computer-Aided Engineering in November at York College, a repeat of our fun December family outing to see the Hershey Bears win (again) at the Giant Center, and a seminar last month on Financial Planning at Penn State Harrisburg, to help us find ways to make our retirement years more enjoyable. Thanks to all those who attended these meetings and to those who passed along helpful ideas and suggestions for possible future meetings. Also thanks to Larry Kessler who represented our Section at last month's Engineer's Week banquet!

Looking ahead, several fun and informative spring meetings are on the schedule, the next one being the Distinguished Lecture at Messiah College on Thursday, April 7. Dr. Amos

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All Politics are Local

Just a reminder - The Pennsylvania Primary Election date is May 17th. If you are not registered to vote, the deadline for registration to vote in the primary is April 18th. **Primaries are important.** In many localities, the primary is the only time you have an opportunity to select a candidate, as many local offices may only have candidates for the majority party in the area. Also, this year's election is primarily for local office holders. Here is a chance to have an impact on your local community. I encourage you to take an active part in local, state and national politics by voting and by contacting your representatives to let them know your opinions on issues.

Milton Leake, PE

2005/2006 PE Review Course

The information for the Susquehanna Section 2005/2006 PE Review Course is now posted on the Section web site. If you don't have a PE license, it's not too early to be thinking about this. Go to the section web page and check out the information on the course. Using the link on that page, go to the Pennsylvania State Registration Board link to find out the requirements and deadlines for requesting permission to take the PE Exam. If you have specific questions you may contact Mike Grandia, the PE Review Course director.

Program Plan 2004-2005

Oct 20	Ironwood Power Plant, Lebanon
Nov 9	PE Review Course begins
Nov 18	FEA/Simulation, York College
Dec 17	Hershey Bears Hockey
Feb 16	Financial Planning
April 7	Distinguished Lecture
April 27	Student Tech Talks
May 18	Hershey Park tour
June 30	Artificial Heart Update Hershey

Note: Future dates and topics are tentative

Chairman's Message Continued

Holt will be presenting on Non-Destructive Examination. We are hoping to have a Tech-Talks meeting later in April and then finish the season with two events in Hershey, one at Hershey Park in May to tour another of their popular rides, and the other to the Artificial Organ Department at Penn State's Hershey Medical Center. It's hard to believe that this spring will mark the 15th anniversary of the dedication of the Penn State Heart Assist Pump as an International Mechanical Engineering Landmark for our Section!

Please check upcoming newsletters or the website for details on how to sign up for these events and be sure to make your reservations early, since space is limited for most!

Section members are always encouraged to get involved in planning and helping with activities. For example, there is a need for help with the newsletter starting next fall and there are a few other areas where members can become involved. In doing so, you will develop professional contacts that could help your career, as well as gain valuable leadership and committee experience. So whether you are new to the South-Central PA area or not, you will benefit in a variety of ways by joining our Executive Committee and making a difference in the Section. Please email me if you are interested!!

I look forward to seeing you either at our April 7 Distinguished Lecture meeting at Messiah College or at another of our meetings later this spring!

Till then, best wishes! Dave
kitland2@asme.org

Engineers Without Borders Needs Mentors!

Interested in contributing your professional and technical knowledge to make the world a better place? Want to support engineering students as they help others while learning the practical aspects of engineering? Become a mentor for an Engineers Without Borders, USA (EWB-USA) team!

By becoming a professional member of EWB-USA, you will have the opportunity to mentor student projects in your local area and across the world. Each month, we send mentor opportunities to our network of professionals. EWB-USA is looking for engineers with an interest and expertise in such areas as fundraising, project management, water resources, renewable energy, structural design and cultural knowledge.

As a project mentor you will oversee all the technical aspects of a project and be responsible for the selection of technology, engineering design, and prototype testing and field implementation. Along with the technical aspects of engineering, an understanding of sustainable engineering

practices, openness to learning about sustainable practices in other cultures and a sense of adventure are needed!

For information on mentoring, a complete list of current projects and to volunteer, visit the EWB-USA website at http://www.ewb-usa.org/get_involved_professional_mentor.html

HOUSE OF REPRESENTATIVES HONORS ASME ON ITS 125TH ANNIVERSARY

The U.S. House of Representatives passed a resolution congratulating ASME on its 125th anniversary. The resolution, Senate Concurrent Resolution 13 (S.Con.Res.13), which was also passed by the U.S. Senate, recognizes and celebrates the achievements of ASME and its members.

"ASME is proud to be at the forefront of engineering and scientific innovation. We're honored by the congressional recognition given to ASME for 125 years of setting the standard in engineering achievement," said ASME President Harry Armen. The resolution commends ASME for its "key role in protecting the welfare and safety of the public through the development and promulgation of over 600 codes and standards... routinely used by industry and people in the United States and around the world." It also notes ASME's role in ensuring "the provision of quality science, technology, engineering, and mathematics education for young people as a way to foster and encourage the advancement of technology." Introduced by Sen. John Sununu (R-NH), a mechanical engineer, S.Con.Res.13 describes ASME as "one of the premier professional organizations focused on technical, educational and research issues of the engineering community."

Susquehanna Section Scholarship Notice

If you know of someone who meets the eligibility requirements for our section's annual scholarship, please make them aware of the opportunity. Check the web page for a downloadable copy of the application form. Deadline for application is June 1, 2005.



Celebrating 125 Years of ASME

Log onto www.asme.org/anniversary for up-to-date information on events for ASME's 125th anniversary, as well as how your local section can become involved.

SUSQUEHANNA SECTION ASME



April 2005 Distinguished Lecture Notice

Executive Committee 2004-2005

Chairman

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Member Interests

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ASME Distinguished Lecture Joint Meeting with Susquehanna Section ASNT Thursday, April 7, 2005

Location: Fellowship Hall, Hostetter Chapel
Messiah College
Grantham, PA

Time: 6:00 PM - Registration and Social
6:30 PM - Dinner
7:15 PM - Distinguished Lecture

Cost: \$ 15.00 for Members and Guests
\$ 8.00 for Students (under 21)

Buffet Menu: Pork Loin, Vegetable Lasagna and
Chef's Choice Vegetables
Dessert: Vanilla or Chocolate Ice Cream
Coffee, Tea, Water

Reservations: Please call & leave your name and phone number with a contact listed below by **12 Noon, Friday, April 1**, to make your reservation for this dinner/seminar. You will need to call to cancel if you cannot attend and please try to bring exact change or a check.

Harrisburg/Lebanon	Dave Kitlan	717-948-6639
Lancaster	Steve Dohne	717-581-0203
York	Don Angstadt	717-848-1126
		Ext. 2448

Email Reservations:

[Click Here to Email Reservation](#)

Guests Are Welcome!!

Please post this meeting notice on your company Bulletin Board.

Susquehanna Section ASME International Distinguished Lecture Amos E. Holt Ph.D.

Directory (Continued)

History & Heritage
Dave Kitlan, PE

Historian
Ed Trunk
Middletown, PA
717-948-6119
evtrunk@aol.com

Honors & Awards
Joe Olson
TYCO, Inc.
Harrisburg, PA
717-592-4423
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Unemployed Members
Milton Leake, PE

Membership Development
Steve Dohne, PE
Lancaster, PA
717-396-6464
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*Board on Minorities
and Women - Open
Government Relations - Open
Professional Practice
And Ethics*
Michael R. C. Grandia, PE
College Relations - Open

Student Section Advisors
Elizabethtown College
David Ferruzza
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York College
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Dr. Holt's lecture will discuss the design, development, and use of such Non-Destructive Evaluation (NDE) equipment as implemented in several industrial and government applications for the past 40 years. The results from several research, development, and implementation efforts (nuclear power plant inspections, pipeline evaluations, aerospace studies, and transportation safety issues) will be described. The elimination or reduction of variation in processes is the driving force behind NDE and the use of quality concepts in all engineering applications.

Dr. Holt will discuss NDE in the Application of Quality Concepts to Engineering Processes. The demand for products that meet design specifications and that can be consistently produced (acceptable variance) is the driving force behind the use of quality concepts in management systems. Quality concepts are simply one element in a set of tools used by management to ensure their products satisfy the customer, reduce risk, maximize operational efficiencies, minimize cost of production and provide profits to sustain the operation.

Dr. Holt is the Vice President of the Institute Quality Systems Organization, Acting Director of Institute Quality Assurance, and Executive Director of Continuous Improvement Programs. Prior to his current assignment, he served 14 years as Vice President of the Nondestructive Evaluation (NDE) Science and Technology Division of Southwest Research Institute in San Antonio Texas; 13 years as section manager of the Nondestructive Methods and Diagnostics Section at Babcock and Wilcox; and seven years as a research engineer with Bell Helicopter company. Dr. Holt has a Bachelors and Masters Degree in Physics, and earned a Ph.D. in Computer Information Sciences from NOVA Southeastern University in 1994. Dr. Holt has been awarded five patents and has been published in more than 60 publications relating to all areas of NDE and diagnostics.

Directions to Messiah College (Also see Messiah web site www.messiah.edu - click on directions and campus map)

Southbound on US 15 from PA Turnpike or Route 283.
Travel approximately 3.5 miles beyond the PA Turnpike interchange and take the Lisburn Road exit. At the light at the bottom of the ramp, turn left onto Lisburn Road. Follow Lisburn through the next traffic light and up to the stop sign at the top of the hill. Continue straight on Lisburn and turn right onto Grantham Road at the bottom of the hill. Follow Grantham Road straight ahead to the stop sign at the main entrance to the College.

Hostetter Chapel is building # 9 on the map. The map is included in the printed newsletter. The meeting will be in the Fellowship Hall of Hostetter Chapel. Park in the circle in front of the Chapel.

**Invite a fellow engineer and encourage him or her
to become an ASME Member**

