

## IDAHO SECTION NEWSLETTER

WEBPAGE: <http://sections.asme.org/Idaho/>

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### ASME BOILER AND PRESSURE VESSEL CODE CLASS RESCHEDULED (see page 4)

### **AMI Semiconductor Tour Pocatello – April 10 @ 7:00 PM** [www.amis.com](http://www.amis.com)

AMI Semiconductor (AMIS), a growing company headquartered in Pocatello where the company employs over 1100 people including over 400 engineers, is a leader in the design and manufacture of silicon solutions for the real world. As a widely recognized innovator in state-of-the-art integrated mixed-signal semiconductor products, mixed-signal foundry services and structured digital products, AMIS is committed to providing customers in the automotive, medical and industrial markets with optimal value, quickest time-to-market semiconductor solutions.



The plant address is 2300 Buckskin Road, Pocatello. From Idaho Falls take exit 69 (Clark Street), turn left at light, go through next light and turn right at the following intersection (Hospital Way), go over hill and turn left at the bottom of the hill (Buckskin Road), facility is on the right. Photo ID is required for all tour participants, including children.

If you have questions please contact James Angell (208) 533-5653 [james\\_r\\_angell@yahoo.com](mailto:james_r_angell@yahoo.com).

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## ASME Names New Face of Engineering for 2007



Aviva T. Bieler, a mechanical engineer at the Port Authority of New York & New Jersey, was honored among the New Faces of Engineering during Engineers Week 2007.

The Cooper Union graduate has focused on the redevelopment of the World Trade Center site, where she was instrumental in developing the air conditioning and smoke control systems for station platforms at the World Trade Center Transportation Hub. She is also currently involved with the design of the tunnel ventilation system for the Port Authority Trans-Hudson (PATH) line.

Recently, Bieler and 14 other New Faces representatives received national recognition when they appeared in USA Today.

New Faces of Engineering is an international recognition program aimed at promoting the accomplishments and contributions of young engineers, 30 years of age or younger, while creating awareness of the impact that engineers have on our daily lives.

## MARK YOUR CALENDARS!

### ASME 2007 Early Career Forums & Fairs

Don't miss the opportunity to network with peers and get practical advice and information on issues relevant to your developing engineering career.

These events consisting of career fairs and panel discussions from successful industry experts and senior-level engineers will increase your awareness of trends and career opportunities in the engineering profession.

Career Fairs will feature companies hiring engineers and other opportunities. Get more information about the Forums & Fairs and important information for US Citizens traveling to Canada in 2007 visit:

[http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming\\_Events.cfm](http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming_Events.cfm)

**Montreal, Canada - May 13, 2007** (At ASME Turbo Expo)

**Toronto, Canada - June 10, 2007** (At ASME Summer Annual Meeting)

**Seattle, Washington - November 11, 2007** (At ASME International Mechanical Engineering Congress & Exposition)

## ASME To Hold Three Industry-Focused Conferences on Biotechnology

Leaders in the science and engineering communities will assess the latest technology in bioprocess engineering, biomechanics and medical devices and instrumentation at three ASME conferences in June 2007.

The ASME Bioprocess Technology Seminars and Exhibits will be held June 4-6, 2007, at the Radisson-Dublin St. Helens Hotel in Dublin Ireland. The second conference, Frontiers in Biomedical Devices 2007, is scheduled for June 7-8, at the Hyatt Regency Irvine in Irvine, Calif. The 2007 Summer Bioengineering Conference will take place June 20-24, at the Keystone Resort and Conference Center in Keystone, Colo.

The three conferences will examine the progress and future directions in biotechnology research, and provide practitioners with the latest tools and training to advance commercial applications in the field. ASME's objective in presenting the conferences is to provide the fast-growing biopharmaceutical industry with useful resources to solve technology challenges.

For more information, visit: [http://www.asme.org/Communities/Technical/BPE/Bioprocess\\_Activities.cfm](http://www.asme.org/Communities/Technical/BPE/Bioprocess_Activities.cfm)

## Advancing Your Career

The ASME Professional Practice Curriculum (PPC) is an online resource designed to help you advance in the engineering profession by providing guidance and resources on subjects that complement an engineers technical skills.

The PPC consists of 42 modules on topics ranging from product development and writing cost proposals to team building and negotiation. The PPC also provides information on alternative engineering career paths such as patent law, marketing and sales, and entrepreneurship.

Currently, the 5 modules in the Career Transition Series are free of charge. ASME members additionally have access to the following 4 modules through the [Members Only](#) website:

- Introduction to Intellectual Property (Business & Legal Series)
- Leadership Styles and Attributes (Management & Leadership Series)
- Effective Technical Presentations (Communications Series)
- Product Management (Product Management Series)

To get started, please visit [www.professionalpractice.asme.org](http://www.professionalpractice.asme.org).

### Call for Submissions: The Local Scoop!

Share your good news! ASME's Strategic Communications Committee, within the Center for Public Awareness, wants to publicize and celebrate noteworthy events and/or success stories that have occurred within your District or Sections!

If your District or Sections are planning or have completed some event or activity that you would like to share with the general ASME membership, contact Marina Stenos at [stenosm@asme.org](mailto:stenosm@asme.org). You can either provide the information directly, or give us a contact person and we will follow up.

## Student Activity Calendar

### April

#### March 30-April 1

Student Prof. Development Conference, District B, Ann Arbor, MI

Student Prof. Development Conference, District C, West Lafayette, IN

Student Prof. Development Conference, District D West, Reno, NV

Student Prof. Development Conference, District D East, Moscow, ID

#### April 13-14

Student Prof. Development Conference, District E North, Tulsa, OK

Student Prof. Development Conference, District E South, Edinburg, TX

#### April 14

Student Prof. Development Conference, District A North, Hartford, CT

Student Prof. Development Conference, District A South, Newark, NJ

April 17-29 2007 Design of Medical Devices Conference

April 30-May 3 Offshore Technology Conference (OTC)

### May

May 14-17 Turbo Expo, Montréal, Quebec, Canada

## Test Your Knowledge of the ASME e-Library and You May Win a Prize!

Enter the ASME E-library Challenge and test your research abilities! The Challenge has 3 to 5 questions which can be answered by using the resources in the ASME e-library. Prizes include American Express gift cards and ASME membership renewals.

The Challenge will be held from Feb. 19 to March 19, 2007. There are separate versions for members and students and winners will be chosen from entries that have all questions answered correctly.

Not familiar with the ASME e-library? It's a collection of 75 interactive technical references, available free to members. Use it anytime for answers to your technical questions, 24/7, anywhere you have an Internet connection.

To find out more about the library – or to sign up and login, just go to <http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>

To enter, choose either the member or student edition.  
Member:  
[http://info.knovel.com/ASME/ASME\\_professional\\_quiz.htm](http://info.knovel.com/ASME/ASME_professional_quiz.htm)  
Student:  
[http://info.knovel.com/ASME/ASME\\_academic\\_quiz.htm](http://info.knovel.com/ASME/ASME_academic_quiz.htm)



The Fellow Grade recognizes significant engineering achievements and contributions to the engineering profession. ASME takes great pride in its Fellows Program and encourages the nomination of ASME members to Fellow Grade. Any ASME member can submit a nomination for Fellow.

For additional information on ASME's **Fellows Program** visit:  
<http://www.asme.org/Governance/Honors/Fellows/Fellows.cfm>

### *EXECUTIVE COMMITTEE UPDATE*

The Idaho Section extends our best wishes for a happy and successful future to **Nathan Overby** who has served as Section Treasurer for the past several years. Nate is moving on to a new opportunity in his home state of Minnesota. Having been an active member of the Eastern Idaho engineering community and representative of ASME on the Eastern Idaho Engineering Council board, Nate will be missed. We express our sincere gratitude for his years of service to the Idaho Section of ASME. For those who want to send a personal note, Nate's e-mail address is [overbyn2@asme.org](mailto:overbyn2@asme.org).

**James Angell** is replacing Nate as Section Treasurer. The Section extends its congratulations and best wishes to James as he takes up these new responsibilities and we are confident in a seamless transfer of these important duties.

### IDAHO SECTION: ASME BOILER AND PRESSURE VESSEL CODE CLASS RESCHEDULED

The postponed Boiler & Pressure Vessel Code, Section III (Rules for Construction of Nuclear Power Plant Components) Division 1 class originally scheduled for March 12-15, has been rescheduled for August 6-9.

The section regrets that the original session had to be rescheduled due to a personal emergency on the part of the ASME instructor. There are several slots available in the class as a number of students originally registered had to cancel once the date changed. If you are interested in registering, please go to <http://www.acteva.com/booking.cfm?bevaaid=122104> to sign up.

If you have any questions, contact Steve Reese (526-0070, [reeses@asme.org](mailto:reeses@asme.org)).

A description of Section III follows on page 5.

### ***III. Rules for Construction of Nuclear Power Plant Components***

This Section provides requirements for the materials, design, fabrication, examination, testing, inspection, installation, certification, stamping, and overpressure protection of nuclear power plant components, and component and piping supports. Components include metal vessels and systems, pumps, valves, and core support structures. The components and supports covered by this Section are intended to be installed in a nuclear power system which serves the purpose of producing and controlling the output of thermal energy from nuclear fuel and those associated systems essential to the functions and overall safety of the nuclear power system.

This Section also provides requirements for (1) containment systems and transport packaging for spent fuel and high-level radioactive waste and, (2) concrete reactor vessels and containments.

In addition, this Section provides requirements for new construction and includes consideration of mechanical and thermal stresses due to cyclic operation. Deterioration which may occur in service as a result of radiation effects, corrosion, erosion, or instability of the material is not covered.