



# Washington DC Section

## Newsletter

### June 2010



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**Family Day Event: Tour of Goddard Space Flight Center**  
**Date: Friday, June 25 Time: 12:30 PM – 3 PM**  
**Goddard Space Flight Center, Greenbelt, MD**  
**Cost \$5/person Lunch is provided**

Join us for a guided tour of NASA Goddard Space Flight Center. We'll be shown the Science on a Sphere presentation, followed by a tour of NASA's testing and integration facilities, and time to peruse the visitor center exhibits and Rocket Garden. Information about NASA Goddard and the Visitor Center can be found here: <http://www.nasa.gov/centers/goddard/visitor/home/index.html>.

The plan is to meet ahead of time at the visitor center for a picnic lunch. We'll be there at 12 noon with a picnic lunch for everyone, please arrive by 12:30 to get checked in and have a bite before the tour starts at 1pm.

The tour is geared for high-school aged students, and has a limited number of spaces. NASA has emphasized that this tour is for students, so priority will be given to students and families with students. International students and non-US citizens are welcome, but will need to submit passport information to us by Friday, June 3rd for forwarding to NASA.

More directions are on the following page and at <http://www.nasa.gov/centers/goddard/visitiro/directions/index.html>

**Registration: To register, please mail a check for \$5/person made out to "ASME Washington DC Section" to Andrea Gironda by Friday, June 11 at the following address:**

4909 Sunflower Dr. Rockville, MD 20853

We also will need the following information:

Names of all attendees, and Grade level of students

Non-US citizens only: Copies of passport (id page and visa page), deadline June 3rd.

Please call Andrea at (703) 489-9503 or e-mail her at [agironda@verizon.net](mailto:agironda@verizon.net) Please RSVP by Friday June 11th

### Message from Chair

My term as Chair of ASME Washington DC Section will come to an end on June 30<sup>th</sup>. I am grateful to the DC members for providing me an opportunity to serve them. I would also like to thank the Executive Committee and Board Directors for their active support during my tenure. Together we reduced the commute time required by Section Officers and Directors to attend Executive Board meetings. This was accomplished by holding the Executive Board meetings in person and through conference calls on alternate months. The Section was also successful in holding the monthly Board meetings in a professional setting. The Section successfully implemented the scholarship program to the most deserving Mechanical Engineering student at five local universities: Catholic University of America, University of the District of Columbia, George Washington University, Howard University, and University of Maryland College Park. This year, the Section presented Industry Plaque for Outstanding Award to Science Applications International Corporation (SAIC) for hosting Board and dinner meetings, and in providing judges for Regional High Schools Science Fairs for many years.

I would also like to thank our sponsors and all voluntary member donors for their generous contributions. I am delighted to see that several new younger members have joined our Executive Board during this period, and some of them would be assuming the positions of Board officers starting next term. I personally congratulate all the officers and directors (see Election Results elsewhere in this newsletter) who have been elected for next term (2010-12). I am certain Boris Ciorneiu, the incoming Chair effective July 01, 2010, will be a very effective leader and will build upon these accomplishments. I wish the incoming Board greater success and will continue to serve the Section.

Rattan Tawney

## Driving Directions to Goddard Space Flight Visitor Center:

**From Washington DC** From the Beltway and 95N, Take the Baltimore Washington Parkway (Route 295) North to Greenbelt Road (Route 193); Greenbelt Road is the first exit north of the beltway and is very close to getting off of the Beltway. Take the Greenbelt Road East (left at the light from the BW Parkway exit) for about 2.2 miles, to the light at Good Luck Road. Turn left at the light for Good Luck Road, and proceed about 0.2 miles, to the junction of Soil Conservation Road and Good Luck Road. Turn left into NASA Goddard Gate 13, may need to stop at the guard check station for ID check.

**From Baltimore,** Take the Baltimore Washington Parkway (Route 295) south to the exit MD-193 Greenbelt/Goddard Space Flight Center. Take the Southway exit and turn left at Southway. Turn left (East) onto Greenbelt Road, go about 2.3 miles and turn left onto the light at Good Luck Road. Go about 0.2 miles and turn left into NASA Goddard Gate 13, may need to stop at the guard station for ID check.

### Upcoming event:

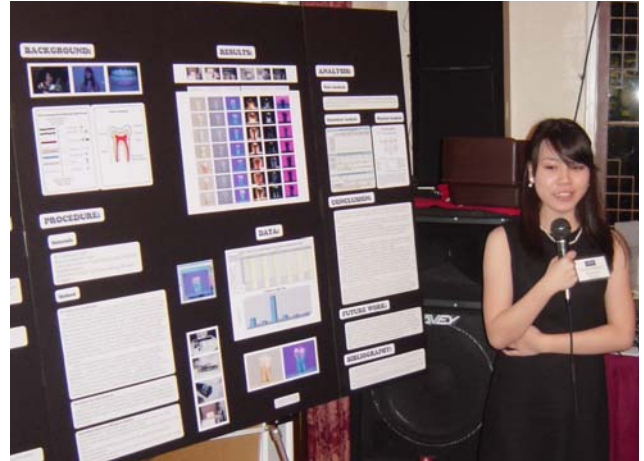
Swiss Embassy Dinner: September 29, 2010

## ASME Washington DC Section Science Fair Awards

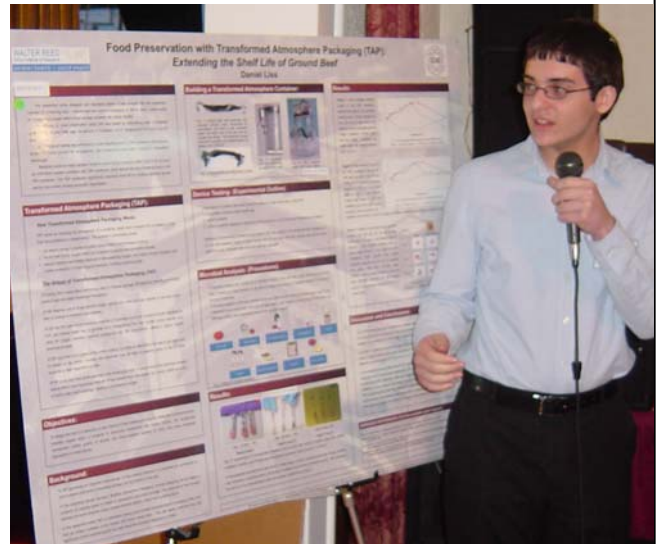
The ASME Washington DC Section provided panels of judges for community awards at science fairs for middle and high school students in Washington DC, as well as Montgomery, Fairfax, Arlington, and Prince Georges counties. First, second and third place awards were provided for students from each jurisdiction; awards were presented to students at an ASME dinner on April 29. Four of the students selected by the ASME judges went on to compete in the Intel International Science and Engineering Fair in San Jose, CA.

ASME WDC awardees included: Aiden Thayer (1st Place) and Emily Mitchell (2nd Place) from Northern Virginia Regional Science and Engineering Fair; Daniel Liss (1st Place) from the Jewish Day School, Montgomery county; Curtis Khol (1st Place) and Vina Nguyen (2nd Place) from Fairfax County Regional Science & Engineering Fair; William Soller (1st Place) from DC Mathematics, Science & Technology Fair; and Mark Ragland (1st Place) from Prince George's Area Science Fair. Many of these winners had also been selected to present their work at the State Science Fairs.

## Science Fair Awards



Vina Nguyen of Fairfax county, presenting her project evaluating methods for detecting cavities without the use of X-rays



Daniel Liss of the Jewish Day School HS, Montgomery county, presenting his project on the development, testing, and evaluation of a method for enhanced food preservation

## ASME Washington DC Section Election Results

### Officers

<b>Chair</b>	Boris Ciorneiu
<b>Vice-chair</b>	Siddiq Qidwai
<b>Treasurer</b>	Kaykham "Kai" Sysounthorn
<b>Secretary</b>	Paul Bizot

### Directors

**Iheanyi Eronini**  
**Gurmukh Mehta**  
**Horace Whitworth**  
**Ronald Rolfe**  
**Rafael Mandujano**

## ASME Washington DC Section Awards Five Mechanical Engineering Student Scholarships

Scholarship awards (of \$1000 each) were presented by the ASME Washington DC section to five students at the April 29, 2010 Regional Science & Engineering Fairs and University. The University Scholarship winners were selected by their respective departments of mechanical engineering based on the criteria given them by the ASME-Washington DC Section.

Four scholarship awardees and three advisers attended the dinner. The scholarship attendees were: Erica M. James (University of the District of Columbia), Ricardo Charles (Howard University), Jeryn Koritzinsky (George Washington University), and Nicole Oliveira (University of Maryland College Park).



**Ricardo Charles of Howard University receiving the ASME scholarship**



**Nicole Oliviera of the University of Maryland, and her adviser, receiving the ASME scholarship**

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### DONATE TO ASME WASHINGTON DC SECTION STUDENT SCHOLARSHIP FUND

Please make checks payable to:  
**ASME DC Scholarship Fund**

Mail checks to: **Boris Ciorneiu**  
**ASME DC Section Treasurer**  
**20069 Great Falls Forrest Dr.**  
**Great Falls, VA 22066**

*Please detach and include with your donation*

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## 22<sup>nd</sup> Annual Bioprocess Technology Seminars and Exhibition Focus on New Insights and Real World Applications

The 22nd Annual Bioprocess Technology Seminars and Exhibition, to be held June 14-16, 2010 in Montreal, will feature seven seminars and a special new workshop – all exploring the theme of “New Insights and Real World Applications.” The event is intended to provide attendees with the chance to learn practical strategies and techniques from more than 30 leading industry experts who will discuss the latest topics related to the design and operations of today’s bioprocessing facilities.

The event will comprise seven two-day seminars, *Design and Operation of Clean Utilities for the Bioprocessing Industry, Process Modeling and Simulation in the BioPharmaceutical Industry, Bioprocess Equipment Design and Facility Layout, Bioprocess Fermentation & Cell Culture Scaleup and Design, Bioprocess Technology Implementation, Bioreactor and Fermenter Design, and Bioprocess Purification Process Development.* Attendees are eligible for PDHs upon completion of the seminar.

This year, the 22nd Annual Bioprocess Technology Seminars and Exhibition will include a new feature, the *Applications of ASME BPE (Bioprocessing Equipment) Standard Workshop.* Led by ASME BPE experts, this session will acquaint attendees with current trends happening in the biopharm industry and show them how the ASME BPE standard is used to address these trends. The workshop, which will be held on June 16, also will include hands-on training to demonstrate the applications of the BPE standard in the development, design and operation of bioprocessing facilities.

For more information, contact Jennifer Delda, program manager, by e-mail at [DeldaJ@asme.org](mailto:DeldaJ@asme.org), or visit [www.asmeconferences.org/bioprocess09](http://www.asmeconferences.org/bioprocess09)

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### ONLINE DEGREES:

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- Renewable Energy Applications
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