

## Poster Session Award Winners in Seattle

Six ECS student members were award winners at the General Student Poster Session at the ECS meeting in Seattle, Washington. The winners included: **Michael Siedlik**, University of Washington, first place for Electrochemical Science and Technology; **K. Sykes Mason** and **Kiersten Horning**, Colorado School of Mines, second place for Electrochemical Science and Technology; **Aurelien Etienne**, INSA-Lyon, France, third place for Electrochemical Science and Technology; **Georgi Bodurov**, Bulgarian Academy of Sciences, Bulgaria, first place for Solid State Science and Technology; **Yoon Jang Kim**, **Bong Soeb Yang**, and **Seungha Oh**, Seoul National University, South Korea, second place for Solid State Science and Technology; and **Prabhu Doss Mani**, University of Central Florida, third place for Solid State Science and Technology.



**Bio-Logic**, a current ECS Corporate Member, sponsored the event and the Society would like to again thank this organization for its generosity and support. ECS also congratulates these students for their fine presentations and work at the Poster Session. The Student Poster Session in Seattle included 71 presentations and the event is held at every ECS meeting.

The Seattle Student Poster Session was organized by **Venkat Subramanian** (Co-Chair), **Vimal Chaitanya**, **Matthew Foley** (Co-Chair), and **Kalpathy B. Sundaram**. The Education Committee thanked the organizers for their work and the following judges for their time and efforts: **Augustine Agyeman**, **Sean Bishop**, **Gerardine Botte**, **Pablo Chang**, **Brian Chin**, **Stefan de Gendt**, **Jeffrey Fergus**, **Shin Fujimoto**, **John Zhanhu Guo**, **Douglas Hansen**, **Takashi Ito**, **Ajith Khosla**, **Sean King**, **Oana Leonte**, **Elizabeth Podlaha**, and **Vijay Ramani**.



Recipients of the ECS Student Poster Session Awards received their certificates at the Annual Society Business Meeting & Luncheon from ECS President **ESTHER TAKEUCHI** (5<sup>th</sup> from left). From left to right are **OANA LEONTE** (judge), **KALPATHY SUNDARAM** (Co-Chair), **K. SYKES MASON**, **MICHAEL SIEDLIK**, (Takeuchi), **YOON JANG KIM**, **PRABHU DOSS MANI**, **AURELIEN ETIEMBLE**, **VENKAT SUBRAMANIAN** (Co-Chair), and **DAN SCHWARTZ** (faculty advisor for Michael Siedlik).

## News from Student Chapters

### New ECS Student Chapters

The ECS Board of Directors approved three new ECS Student Chapters for establishment at the ECS spring biannual meeting in Seattle Washington. The new Student Chapters are formed at the **Colorado School of Mines** under faculty adviser Andrew Herring; at **Drexel University** under adviser Yury Gogotsi; and at **California State University, Fullerton** under adviser John Haan. With the new additions, ECS currently has 31 Student Chapters.

### University of Texas at Austin Student Chapter

The ECS Student Chapter at The University of Texas at Austin was established in 2007 with the goal of educating and promoting electrochemical science and engineering among students.

This spring, the Chapter participated for the first time in an outreach program for school children by hosting a booth and organizing fun and interactive activities at the Explore UT 2012. The Student Chapter event was entitled "Clean Energy and More—Electrochemistry All Around Us." Explore UT is the largest open house in Texas hosting different events and activities at The University of Texas at Austin (UT Austin) that cater to various age groups.

The school children were encouraged to build molecular structures using marshmallows and toothpicks as a hands-on activity. The goal of the project was explained, giving importance to the bonds, position of atoms, and the ionic nature of the structures. They were assisted as needed and it was a delight to see the sparkle in their eyes as they held the simple structures of the commonly used materials in their hands. The principle and working of a fuel cell car was demonstrated at the event using a model. The basics of the fuel cell, water electrolysis, and different components of the car and the fuel cell

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UT Austin Student Chapter officers and student volunteers at Explore UT 2012. From left to right: KAREN SCIDA, KATHARINE ROSE STROUKOFF, PREETHI MATHIEW, JASON YOO, RACHEL ANDERSON, NETZAHUALCOYOTL ARROYO CURRAS, ARUMUGAM MANTHIRAM (Faculty Advisor), and KATHARINE L. HARRISON.



UT Austin Student Chapter officers and volunteers engaging the visitors in various activities at Explore UT 2012.

were explained. School children and parents were equally interested in the demonstration. Some of the comments received were, "Would you mentor the school children to build a clean energy model car for the science competition?" and "This was the best booth and hence we have come back to learn more." The feedback lifted the spirits of the Chapter members, motivated them to contribute to the community, and encouraged increased participation from the student community at UT Austin. The outreach program was highly supported by Arumugam Manthiram (Director of the Texas Materials Institute at UT Austin), the faculty advisor of the ECS Student Chapter at UT Austin. This program was of great benefit to the school children as well as the Chapter members.

The Student Chapter was also invited to participate in the Science Night at an elementary school near Austin, Texas. The theme was "Going Green," and the event was organized to promote interest and education in STEM among the youth.

The Chapter is motivated to continue organizing and participating in these programs to inspire young minds to be interested in the field of electrochemical science and engineering and to motivate them to

pursue science, math, and technology. The Chapter will also continue to provide the student community at UT Austin with seminars and invited talks. More information on the ECS Student Chapter at The University of Texas at Austin may be found at <http://studentorgs.engr.utexas.edu/ecs>.

## Start a Student Chapter!

ECS currently has 31 student chapters around the world, which provide students an opportunity to gain a greater understanding of electrochemical and solid-state science, to have a venue for meeting fellow students, and to receive recognition for their organized scholarly activities. Students interested in starting a student chapter may contact [david.harkness@electrochem.org](mailto:david.harkness@electrochem.org) for details.

## Looking for Student News

Send all correspondence to

65 South Main Street  
Pennington, NJ 08534-2839, USA  
Tel: 609.737.1902 Fax: 609.737.2743  
E-mail: [interface@electrochem.org](mailto:interface@electrochem.org)

ECS takes an active interest in the affairs of its Student Members, and is always interested in hearing from you about your interests, activities, and accomplishments.

 [www.electrochem.org](http://www.electrochem.org)

## Call for Nominations

For details on each award—including a list of requirements for award nominees, and in some cases, a downloadable application form—please go to the ECS website ([www.electrochem.org](http://www.electrochem.org)) and click on the “Awards” link. Awards are grouped in the following sub-categories: Society Awards, ECS Division Awards, Student Awards, and ECS Section Awards. Please see the individual award call for information about where nomination materials should be sent; or contact ECS headquarters.

Visit [www.electrochem.org](http://www.electrochem.org) and click on “Awards” link.



The ECS SUMMER FELLOWSHIPS were established in 1928 to assist students during the summer months in pursuit of work in the field of interest to ECS. The next fellowships will be presented in 2013.

Nominations and supporting documents should be sent to Vimal Chaitanya, New Mexico State University, Office of the Vice-President for Research, MSC 3RES - Box 30001, Las Cruces, NM 88033-8001, USA, e-mail: [vimalc@nmsu.edu](mailto:vimalc@nmsu.edu). **Materials are due by January 15, 2013.**



The MORRIS COHEN GRADUATE STUDENT AWARD OF THE CORROSION DIVISION was established in 1991 to recognize outstanding graduate research in the field of corrosion science and/or engineering. The award consists of a scroll, a prize of \$1,000, and travel assistance to the meeting where the award will be presented (up to \$1,000). The next award will be presented at the ECS Meeting in San Francisco, California, October 27- November 1, 2013.

Nominations and supporting documents should be sent to David Shifler, Office of Naval Research, 875 N. Randolph Street, Suite 1425, ONR 332, Room 631, Arlington, VA 22203-1995, USA; email: [shifled@onr.navy.mil](mailto:shifled@onr.navy.mil). **Materials are due by December 15, 2012.**



The H. H. DOW MEMORIAL STUDENT AWARD OF THE INDUSTRIAL ELECTROCHEMISTRY AND ELECTROCHEMICAL ENGINEERING DIVISION was established in 1990 to recognize promising young engineers and scientists in the fields of electrochemical engineering and applied electrochemistry. The award consists of a scroll and a prize of \$1,000 for educational purposes. The next award will be presented at the ECS spring meeting in Toronto, Ontario, Canada, May 12-17, 2013.

Nominations and supporting documents should be sent to E. Jennings Taylor, Faraday Technology, Inc., 315 Huls, Clayton, OH 45315-8983, USA; e-mail: [jenningtaylor@faradaytechnology.com](mailto:jenningtaylor@faradaytechnology.com). **Materials are due by September 15, 2012.**



The STUDENT ACHIEVEMENT AWARD OF THE INDUSTRIAL ELECTROCHEMISTRY AND ELECTROCHEMICAL ENGINEERING DIVISION was established in 1989 to recognize promising young engineers and scientists in the field of electrochemical engineering and to encourage the recipients to initiate careers in this field. The award consists of a scroll and a prize of \$1,000 for educational purposes. The next award will be presented at the ECS spring meeting in Toronto, Ontario, Canada, May 12-17, 2013.

Nominations and supporting documents should be sent to E. Jennings Taylor, Faraday Technology, Inc., 315 Huls, Clayton, OH 45315-8983, USA; e-mail: [jenningtaylor@faradaytechnology.com](mailto:jenningtaylor@faradaytechnology.com). **Materials are due by September 15, 2012.**

## Student Travel Grants



Several of the Society's Divisions offer travel assistance to students and young faculty members presenting papers at ECS meetings. For details about travel grants for 223<sup>rd</sup> ECS Meeting in Toronto, Ontario, Canada (May 12-17, 2013), please see the Toronto, Canada, Call for Papers; or visit the ECS website: [www.electrochem.org/student/travelgrants.htm](http://www.electrochem.org/student/travelgrants.htm). Please be sure to e-mail the student travel grant contact as each Division requires different materials for approval. **The deadline for submission for the spring 2013 travel grants is November 16, 2012.**

## Awarded Student Memberships Available



ECS Divisions are offering Awarded Student Memberships to qualified full-time students. To be eligible, students must be in their final two years of an undergraduate program or enrolled in a graduate program in science, engineering, or education (with a science or engineering degree). Postdoctoral students are not eligible. Awarded memberships are renewable for up to four years; applicants must reapply each year. Memberships include article pack access to all content in the ECS Digital Library, and a subscription to *Interface*. To apply for an Awarded Student Membership, use the application form below or refer to the ECS website at: [www.electrochem.org/awards/student/student\\_awards.htm#a](http://www.electrochem.org/awards/student/student_awards.htm#a).