

## News from ECS Student Chapters

### University of South Carolina

The ECS Student Chapter at the University of South Carolina welcomed Shi-Gang Sun, President of the Chinese Electrochemical Society, fellow of the International Society of Electrochemistry, and fellow of the Royal Society of Chemistry to participate in the Chapter's third meeting for engineers and students on July 27, 2011. The renowned Dr. Sun, of the State Key Laboratory of Physical Chemistry of Solid Surfaces, distinguished professor in the Department of Chemistry at Xiamen University,

whose research interests include the development of electrocatalysts, provided a seminar on "Electrochemically Shape-controlled Synthesis of Metal Nanocrystal Catalysts of High Surface Energy and High Catalytic Activity." By controlling the crystal structure and the surface energy of precious nanostructured catalyst metals in electrodes, face selective reaction kinetics can be optimized. The seminar by Dr. Sun was followed by a lunch and discussion sponsored by the Chapter. Professor Sun

was also en route to Argonne National Laboratory for the 5<sup>th</sup> International Conference on Polymer Batteries and Fuel Cells and the U.S.-China Electric Vehicle and Technology Workshop. The students appreciated his visit and he was able to share valuable knowledge with them and answer questions. In addition, the University was able to feature its research work and facility resources. Professor Sun's trip was an inspiration to many students and his visit enhanced their interest in his own university and country.

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SHI-GANG SUN (center) surrounded by members of the ECS Student Chapter at the University of South Carolina and their faculty advisor, XIAODONG ZHOU (far right).

### 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)

### Start a Student Chapter!

ECS currently has 28 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.

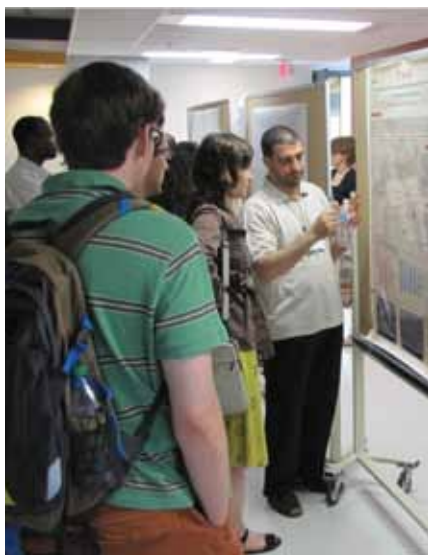
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## Montréal



At the **MONTRÉAL STUDENT CHAPTER** meeting in June, 35 participants followed three invited talks and seven student talks.

Montreal, with its active electrochemical community, provides another opportunity for students to stay in contact with ECS. The creation of the **ECS Montréal Student Chapter** is the first of its kind in Canada



During the two hour poster session of the **MONTRÉAL STUDENT CHAPTER**, different electrochemical topics were discussed.

and gives students of all university levels in and around Montréal the opportunity to actively participate in events throughout the year. After an opening party in December 2010, the Chapter introduced itself to students in electrochemistry and solid state science in Montréal by organizing the first annual Montréal Student Symposium with the motto “Exchanging Electrons and Ideas” on June 20, 2011. With three invited speakers, seven oral student presentations, and ten poster presentations, the symposium was a great success, and emphasized the demand by Montréal students for a student electrochemistry community. The topics ranged from electrochemical energy over analytical electrochemistry and electrochemical catalysis to photonic devices. Two prizes, sponsored by the ECS Canadian Section, were awarded to the best oral and poster presentations. The exchange among students and professors of all four Montréal universities and a national research center was highly encouraging and sets a good standard for future events. Further information about the ECS Montréal Student Chapter can be found at <http://ecsmontreal.blogspot.com> or visit us on Facebook.

## TO LEARN MORE . . .

about any of the **ECS student programs**—student poster sessions, awards, or Student Chapters—please contact **David W. Harkness**, Director of Constituent Services at [david.harkness@electrochem.org](mailto:david.harkness@electrochem.org) or 609.737.1902, extension 103, for more information.

## Call for Nominations



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 2012. Nominations and supporting documents should be sent to Vimal Chaitanya, New Mexico State University, Office of the VP for Research, MSC 3RES - Box 30001, Las Cruces, NM 88033-8001, USA, e-mail: vimalc@nmsu.edu. **Materials are due by January 15, 2012.**



The **STUDENT RESEARCH AWARD OF THE BATTERY DIVISION** was established in 1962 to recognize promising young engineers and scientists in the field of electrochemical power sources and consists of a scroll, a prize of \$1,000, waiver for the meeting registration, travel assistance to the meeting if required, and membership in the Battery Division as long as a Society member. The next award will be presented at the ECS fall meeting in Honolulu, Hawaii, October 7-12, 2012.

Nominations and supporting documents should be sent to Ratnakumar V. Bugga, Jet Propulsion Laboratory, Building 277 Room 207, MS 722 207, 4800 Oak Grove Drive, Pasadena, CA 91109-8001, USA; e-mail: ratnakumar.v.bugga@jpl.nasa.gov. **Materials are due by March 15, 2012.**

The **STUDENT AWARD OF THE CANADIAN SECTION** was established in 1987 for a student pursuing, at a Canadian University, an advanced degree in any area of science or engineering in which electrochemistry is the central consideration, and consists of an amount determined by the Executive Committee of the Canadian Section not to exceed \$1,500. The next award will be presented at an upcoming Section meeting.

Nominations and supporting documents should be sent to Janine Mauzeroll, UQAM, Department of Chemistry, CB-2640, 2101 Jeanne Mance, Montréal, QC, Canada; tel: 514 987-3000 (3911); e-mail: mauzeroll@yahoo.ca. **Materials are due by December 31, 2011.**

## 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 222<sup>nd</sup> ECS Meeting in Honolulu, HI, USA (May 6-11, 2012), please see the Honolulu Call for Papers in this issue of *Interface*; 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 fall 2012 travel grants is April 13, 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 the *Journal of The Electrochemical Society* online, *Electrochemical and Solid-State Letters* online, *ECS Transactions* online, and a subscription to *Interface*. To apply for an Awarded Student Membership, use the application form in this issue 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).

## 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.