

## SECTION NEWS

The new ECS Bylaws in place, some changes have been made to the governance of the Sections program. A representative from each of the Divisions and Sections is invited to attend the Individual Membership Committee meeting, which is held at the ECS biannual meetings, to share their activities and challenges. Topics to be included on the meeting agenda should be forwarded to Colleen Klepser at [colleen.klepser@electrochem.org](mailto:colleen.klepser@electrochem.org) one month prior to the ECS meeting.

### Canadian



Participants at the fall symposium of the **ECS CANADIAN SECTION** in November 2009.

The 2009 fall symposium of the Canadian Section was organized by Heather Andreas and Sharon Roscoe and was held at Dalhousie University in Halifax, Nova Scotia, on November 7. Seven speakers presented lectures to 32 participants on the topic of, "Electrochemistry and the Future: Solving Today's Problems for a Better Tomorrow." Phil Bartlett from the University of Northampton gave the keynote lecture entitled, "Discrimination of Mutations in DNA Using Electrochemical SERS." Aicheng Chen of Lakehead University received the Lash Miller Award and presented a lecture entitled, "Electrochemical Study

of Nanomaterials for Green Chemistry Applications." Mohamed Naser from McMaster University received the 2009 Student Award of the Canadian Section, and presented a lecture entitled, "Theoretical Modeling of Quantum Dot Infrared Photodetectors."

A poster session followed the oral presentations. During the wine and cheese reception, three student poster awards were presented to: Xiaocan Zhang (First Place, \$100, Dalhousie University), David James (Second Place, \$50, Memorial University of Newfoundland), and Susanne Blatt (Third Place, certificate, Acadia University).

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**AICHENG CHEN** (right) accepting the Lash Miller Award from **SASHA OMANOVIC** (past Chair of the Canadian Section).



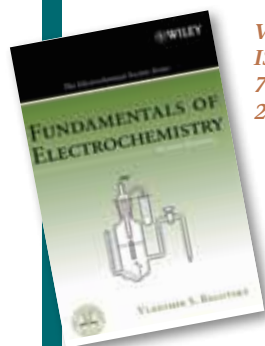
**MOHAMED NASER** (left) accepting the 2009 Student Award of the Canadian Section from **AICHENG CHEN** (current Chair of the Canadian Section).

## Detroit

ECS and the Society of Automotive Engineers (SAE) held a joint Detroit Section Meeting on "Advanced Automotive Batteries," to kick off the 2009-2010 seminar year. This joint meeting took place on September 10, 2009 in Troy, MI, and the topic proved to be very popular with over 350 attendees and 7 exhibitors joining the event. Advanced batteries pose one of the biggest challenges and opportunities on the road to electrifying the automobile. The success or failure of Hybrid (HEV), Plug-In (PHEV), and Electric Vehicles (EV) are highly dependent on their batteries. At this meeting, a panel of automotive battery managers from Toyota, Ford, and GM came together to present and discuss the critical issues and concerns in implementing the next generation of advanced automotive batteries.

This joint meeting was organized by 2008-2009 ECS Detroit Chair Alvaro Masias as a collaborative effort with SAE Detroit section staff. The growing importance of advanced batteries to future automotive products and the society in general is driving the need for a greater interaction between the fields of electrochemical energy storage (batteries) and automotive design. The local Detroit ECS Section is very active and held nine seminars during the recent 2008-2009 year, on a wide range of topics from lithium ion batteries to fuel cells and solar cells. The Detroit Section membership is made up of many of the leading local OEMs, suppliers, and universities active in the electrochemical sciences in the Michigan area.

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# Looking for Section News

We welcome the opportunity to share with our membership, the scientific advances and activity news from your Section. Please forward information on educational programs (already held or upcoming), the names of award winners, and results of your elections to Colleen Klepser at [colleen.klepser@electrochem.org](mailto:colleen.klepser@electrochem.org) so we may include the information in future issues of *Interface*.

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