

## Israel

ECS Vice-President Bruno Scrosati visited the Israel Section this past June. He attended a scientific meeting organized by the Section at the Bar-Ilan University in Tel Aviv, with about 100 participants representing the academic and the industrial electrochemical community in Israel. Three foreign speakers were invited, Professor Dan Scherson (U.S.), Professor Jack Fischer (U.S.), and Dr. Scrosati from Europe. The program included twelve oral presentations and eleven posters, discussing various topics of both wet and solid-state electrochemistry. Dr. Scrosati reported that he was impressed by the level of research work reported by the speakers and by the competence of the audience in its discussion. He also met with the board of the Section to update them on the Society's activities and future plans.

## New England

On May 8, the Section held a meeting at Northeastern University in Boston, MA. The featured speaker was Dr. Stephen Feldberg, senior scientist at Brookhaven National Laboratory in Long Island, NY. The presentation was entitled "Electron Transfer Goes the Distance."

The theoretical background of the indirect laser-induced temperature jump method for measuring fast interfacial electron transfer rate constants was presented. Applications of the method to the measurements of rate constants for redox moieties (ferrocene and ferrocene derivatives) covalently tethered to gold electrodes was also discussed. The tethers were chains of methylene groups of varying lengths joined to gold electrodes by S atoms and ending in the ferrocenes. It was found that first order rate constants of up to  $10^6 \text{ sec}^{-1}$  could be measured.

## National Capital

The annual awards night meeting for the Section was held on May 15 in Alexandria, VA. The main event was the presentation of the Robert T. Foley Award, which is awarded biennially to a Section member who has made notable contributions to the science and technology of electrochemistry. Professor Robert G. Kelly of the University of Virginia was this year's awardee, and his award address was entitled "From Orthopedic Implants to Aging Aircraft: A Personal Journey through Electrochemistry and Corrosion." In his

## National Capital Section News



**Science Fair Awards**—(above photo, from left to right) **GUY DAVIS** (NCS Vice-Chairman, Awards), **MICHELE WATKINS** (Seton High School), **JASON NG** (Yorktown High School), **SARAH KLOTZ** (Osburn City High School), **DAVE SHIFLER** (NCS Chairman), and **ROB KELLY** (Foley Award Winner).



**Foley Award**—(right photo) **ROB KELLY** (at left) receives the 2001 Foley Award from NCS Chairman **DAVE SHIFLER**.

address, Prof. Kelly discussed his past and present work in areas which include battery and corrosion electrochemistry research, along with the professional interactions that evolved in the course of such work, further cemented by his active involvement in the ECS.

This is also the annual meeting where the NCS recognizes recipients of science fair awards presented by the Section to high school and middle school students. These awards were made by members who generously volunteered some of their weekend hours to be science fair judges at local schools. Students brought along their award-winning posters, which they discussed with attendees before and after dinner.

## Twin Cities

The Section held a meeting in March in Minneapolis. Dr. Erik Scott of Medtronic, Inc. gave a presentation of his work with ALZA Corporation, entitled "Electrotransport Systems for Transdermal Delivery of Drugs."

The Section held a meeting in April in Minneapolis. Professor Karl Spear of Penn State University, and Vice-

President of ECS, updated the Section on the status of the Society and presented an overview of his research in a talk entitled "Theory and Applications of a Predictive Thermodynamic Model for Glass Systems."

The Section held a meeting in May in Minneapolis. Dr. N. M. Markovic of Lawrence Berkeley National Lab presented his work in a talk entitled "Electrocatalysis by Design: From Atomic Structure to High Surface Area Catalysts." The local interest in this work, which relates to fuel cell development, was apparent as over 20 people attended the presentation. ■

## Canadian Section Awards

The ECS Canadian Section is calling for nominations for its Electrochemical Award and its Student Award. Please see the Awards pages in this issue (page 45) or visit the website at [www.electrochem.org/localsec/canlsawd.html](http://www.electrochem.org/localsec/canlsawd.html).