

Call for Nominations


**Morris Cohen
Graduate Student Award**

Nominations are now being accepted for the 2004 Morris Cohen Graduate Student Award of the Corrosion Division. Named in honor of the late Dr. Morris Cohen, a renowned expert in the field of electrochemistry and corrosion science, this award was established in 1992 to recognize and reward outstanding graduate research in the field of corrosion science and/or engineering. Such early recognition of highly qualified corrosion scientists/engineers is intended to encourage especially promising researchers to remain active in the field after their graduate research is completed.

This award, for outstanding master's or PhD work, is open to graduate students who have successfully completed all the requirements for their degrees. Candidates remain eligible for two years, and those eligible for the 2004 award must have completed all requirements for their degree between January 1, 2002 and December 31, 2003. The successful candidate is expected to present a lecture on his or her research work at a Corrosion Division symposium held at the fall 2004 meeting of the Society in Honolulu, Hawaii. The award consists of a certificate plus \$1,000. Assistance for unreimbursed travel expenses, up to an additional \$1,000, can also be provided for travel expenses incurred in attending the Society meeting at which the award is presented.

Further information about this award may be obtained directly from the chairman of the award committee: Scott Lillard, Materials Corrosion and Environmental Effects Lab, Materials Science and Technology Division, MST-6, MSG 755, Los Alamos National Lab, Los Alamos, NM 87545, USA, tel: 505.667.6325, fax: 505.667.2264, e-mail: lillard@lanl.gov. Nominations for the 2003 award must be received by the award committee chairman no later than December 15, 2003.

Paris Meeting Student Poster Winners

From among the 54 posters presented at the General Society Student Poster Session at the Paris Meeting this past April, the following winners were chosen:

Poster #5: "Reagentless Affinity Sensors based on Antibodies or DNA Co-immobilized with Redox Polymers," by **B. MONAHAN** and **P. KAVANAGH**, (D. Leech, advisor, National University of Ireland).

Poster #2: "Preparation and Ion-Exchange Voltammetric Characterization of Composite Films Made of Conducting Polymers and Ionomers," by **P. SCOPECE** (P. Vgo, advisor, University of Venice).

Honorable Mentions included:

Poster #39: "Preparation of BaTiO₃ Particles by Salt-assisted Spray Pyrolysis," by **Y. ITOH** (K. Okuyama and I. W. Lenggoro, advisors, Hiroshima University).

Poster #44: "Colored Layers on Zirconium: Preparation and Characterization," by **S. BOLDUC** (G. Jerkiewicz, advisor, Queen's University).

Student Achievement Awards

**H. H. Dow Memorial
Student Achievement Award**

The H. H. Dow Memorial Student Achievement Award was established by the Industrial Electrolysis and Electrochemical Engineering Division to recognize promising young engineers and scientists in the fields of electrochemical engineering and applied electrochemistry. This award was made possible by a gift from the Dow Chemical Company Foundation and is intended to encourage the recipient to continue a career in electrochemical engineering or applied electrochemistry. The award honors the memory of H. H. Dow, a prolific inventor and tenacious businessman, and one of the principal organizers and a charter member of The Electrochemical Society.

This award, which consists of a certificate and a check in the amount of \$1,000 is made each year and is intended to be used to pay for expenses associated with the recipient's education or research project, tuition, books, equipment, or supplies. The next award will

be presented at the Society's spring 2004 meeting in San Antonio, TX.

To be eligible to receive this award, candidates must be enrolled in a college or university as a graduate student or have been accepted for enrollment. The application for the award must include: (1) transcripts of all post-secondary school academic work; (2) a description of the research project to be engaged in during the next year; (3) a statement which describes the relationship of the project to the field of electrochemical engineering or applied electrochemistry; and (4) a biography, resume, or curriculum vitae. The description and statement should be no longer than two double-spaced typewritten pages. The application must also include a letter of recommendation from the applicant's research supervisor (or department advisor for new graduate students).

The recipient shall be notified by the chairman of the Industrial Electrolysis and Electrochemical Engineering Division and shall be requested, as a condition of the award, to submit to the Division chairman a written summary of research accomplished during

the year in which he or she was an award recipient. The chairman will have the option of distributing this summary to members of the Division or submitting it to the editor of the *Journal* for consideration for publication.

All application materials should be sent to Dr. Peter Foller, PPG Industries, Inc., Chemicals Technical Center, 440 College Park Dr., Monroeville, PA 15146, USA; tel: 724.235.5181, fax: 724.325.5105, e-mail: foller@ppg.com.

The deadline for receipt of completed applications is September 1, 2003.



IE&EE Division Student Achievement Award

A second equivalent award will be made and funded by the IE&EE Division and the recipient will be selected from among the applicants for the H. H. Dow Memorial Award. The award will be presented at the Society's spring 2004 meeting in San Antonio, TX. This award

also consists of a certificate and a check in the amount of \$1,000. Again, the award is to be used to pay for expenses associated with the recipient's education or research project. As with the H. H. Dow award, the recipient will be required to submit a written summary of the research accomplished during the award year to the chairman of the Division.

All application materials should be sent to Dr. Peter Foller, PPG Industries, Inc., Chemicals Technical Center, 440 College Park Dr., Monroeville, PA 15146, USA; tel: 724.235.5181, fax: 724.325.5105, e-mail: foller@ppg.com.

The deadline for receipt of completed applications is September 1, 2003.

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 subscriptions to the *Journal of The Electrochemical Society* online, *Electrochemical and Solid-State Letters* online, and *Interface*.

To apply for an Awarded Student Membership, use the application form below or refer to the ECS website at: www.electrochem.org/student/student.htm.

Student Travel Grants

Several of the Society's Divisions offer travel assistance to students presenting papers at Society meetings. These travel grants are intended to aid students in attending the meeting. For additional

The Electrochemical Society Awarded Membership Application

The Divisions of the Society are offering Awarded Student Memberships to qualified full-time students. Eligible students must be in their final two years as undergraduates or be enrolled in a graduate program in science, engineering, or education (with a science or engineering degree). Awarded memberships are renewable for up to four years; applicants must reapply each year. Memberships include subscriptions to the *Journal* online, *Letters* online, and *Interface*.

Name: _____

Home Address: _____

Date of Birth: _____

Phone #: _____ Fax #: _____ E-mail: _____

School, Division, and Department: _____

School Address: _____

Undergraduate Year (U) or Graduate Year (G) - circle one: U3 U4 G1 G2 G3 G4 G5

Major Subject: _____ Grade point average _____ out of possible _____

Have you won this award before? - circle one: Yes No If yes, how many times? _____

Signature of Student: _____ Date: _____

Faculty member attesting to eligibility of student:

Name: _____ Department: _____

Signature: _____ Date: _____

Divisions (please choose one):

- | | | |
|--|--|--|
| <input type="checkbox"/> Battery | <input type="checkbox"/> Energy Technology | <input type="checkbox"/> Luminescence & Display Materials |
| <input type="checkbox"/> Corrosion | <input type="checkbox"/> Fullerenes, Nanotubes, and Carbon Nanostructures | <input type="checkbox"/> Organic & Biological Electrochemistry |
| <input type="checkbox"/> Dielectric Science & Technology | <input type="checkbox"/> High Temperature Materials | <input type="checkbox"/> Physical Electrochemistry |
| <input type="checkbox"/> Electrodeposition | <input type="checkbox"/> Industrial Electrolysis & Electrochemical Engineering | <input type="checkbox"/> Sensor |
| <input type="checkbox"/> Electronics | | |

Send to: The Electrochemical Society, 65 South Main Street, Pennington, NJ 08534-2839, USA • Tel: 609.737.1902 • Fax: 609.737.2743

information and an online application form refer to the ECS website at: www.electrochem.org/student/travelgrants.htm. **To be eligible for a grant**, applicants must be scheduled to present a paper in a symposium or session sponsored or cosponsored by the Division to which the application is made. For a complete list of symposia and how to submit a paper, please visit www.electrochem.org/meetings/204/cfp.pdf. To apply for a travel grant, use the application form below.

Application Requirements—All applications for the 204th meeting in Orlando, Florida, October 12-17, 2003, must be received no later than September 1, 2003. To apply for travel support, please complete the Student Travel Grant form below, return it with a letter of recommendation from a faculty advisor, and a copy of the meeting abstract. Travel grants range from \$250-\$750 depending on the student's estimated expenses and the funds available from the Divisions. ■



For the latest details
on all ECS travel grants,
be sure to visit the website at:

www.electrochem.org

The Electrochemical Society Travel Grant Application

The Society's **Corrosion, Dielectric Science and Technology (DS&T), Electrodeposition, Electronics, Energy Technology, High Temperature Materials (HTM), Organic and Biological Electrochemistry (O&BE), Physical Electrochemistry, and Sensor Divisions** offer travel grants to students presenting papers at the Society's next meeting, in Orlando, Florida, October 12-17, 2003. To apply, complete this application and send it along with a copy of your transcript and a letter from an involved faculty member attesting both to the quality of the student's work and financial needs, and a copy of the student's meeting abstract. For additional information and an online application form refer to the ECS website at www.electrochem.org/student/travelgrants.htm. *(Preference for travel allocation grants will be given to ECS Student Members.)*

Meeting Site: _____

Name: _____

School Address: _____

E-mail: _____ Phone #: _____

Undergraduate Year (U) or Graduate Year (G) - circle one: U3 U4 G1 G2 G3 G4 G5

Major Subject: _____ Grade point average _____ out of possible _____

(Please provide letter of recommendation from your faculty advisor and a copy of your transcript)

Symposium Title: _____

Title of paper to be presented at meeting: _____

Are you an ECS Student Member of the Society? ☐ yes ☐ no

(If not, please additionally submit the Awarded Student Membership application.)

Estimate meeting expenditures: \$ _____

Signature: _____ Date: _____

Check Division under which award is being applied for: *(Applications made to multiple Divisions will be rejected)*

☐ **Corrosion**—Send to: R. Scott Lillard, MST-6, MS G755, Los Alamos National Laboratory, Los Alamos, NM 87545, USA. E-mail: lillard@lanl.gov.

☐ **DS&T**—Send to: K. Sundaram, Univ. of Central Florida, School of EE & CS, Orlando, FL 32816-2450, USA. E-mail: sundaram@mail.ucf.edu.

☐ **Electrodeposition**—Send to: K. Kondo, Dept. of Applied Chem., Univ. of Okayama, 3-1-1 Tshima-Naka, Okayama 700 Japan. E-mail: kkondo@cc.okayama-u.ac.jp.

☐ **Electronics**—Send to: F. Ren, Univ. of Florida, Dept. of Chem. Engr., Gainesville, FL 32611, USA. E-mail: ren@che.ufl.edu.

☐ **Energy Technology**—Send to: Scott Calabrese Barton, Dept. of Chem. Engr., Columbia University, 500 W. 120th Street, Room 812, New York, NY 10027-6623, USA. E-mail: scb2001@columbia.edu.

☐ **HTM**—Send to: E. Wachsman, Univ. of Florida, PO Box 116400, Gainesville, FL 32611-6400, USA. E-mail: ewach@mse.ufl.edu.

☐ **O&BE**—Send to: Dennis Peters, Indiana University, Dept. of Chemistry, Bloomington, IN 47405, USA. E-mail: peters@indiana.edu.

☐ **Physical Electrochemistry**—Send to: Petr Vanysek, Northern Illinois University, Dept. of Chemistry and Biochemistry, DeKalb, IL 60115, USA. E-mail: pvanysek@niu.edu.

☐ **Sensor**—Send to: P. Hesketh, Georgia Tech., Dept. of Mechanical Engineering, 225 North Ave NW, Atlanta, GA 30332-0405, USA. E-mail: phesketh@sununo.me.gatech.edu.

Applications for Travel Grants for the Orlando, Florida meeting must be received no later than September 1, 2003.