

ECS Summer Research Fellowships

The Electrochemical Society is currently soliciting applications for the 2002 Society Summer Fellowships, which are given each year to assist a student in continuing his/her graduate work during the summer months, in a field of interest to the Society. Each year the Society gives up to four such fellowships, named in honor of prominent Society members Edward G. Weston, Colin Garfield Fink, Joseph W. Richards, and F. M. Becket. The amount given for each fellowship is \$4,000.

In order to be eligible for a Summer Fellowship, the individual must be a graduate student pursuing work between the degree of BS and PhD, in a college or university, who will continue his or her studies after the summer period. A previous holder of a Summer Fellowship is eligible for reappointment.

Qualified graduate students are invited to apply for these fellowships. Applicants must complete an application form and supply the following information: (1) a brief statement of educational objectives; (2) a brief statement of the thesis research problem, including objectives, work already accomplished, and work planned for the summer of 2003; (3) a transcript of undergraduate and graduate academic work; and (4) two letters of recommendation, one of which should be from the applicant's research advisor.

As it is the spirit of these awards that they be the sole sponsor of the summer graduate work, successful recipients of a fellowship must agree to hold no other appointments or fellowships during the summer of 2003.

Application forms are available from the chairman of the Fellowship Award Subcommittee, to whom completed applications and letters of recommendation should be sent: Robin McCarley, Louisiana State University, Department of Chemistry, 232 Choppin Hall, Baton Rouge, LA 70803, USA, tel: 504.388.3239, fax: 504.388.3458, e-mail: tunnel@lsu.edu.

The deadline for receipt of completed applications is January 1, 2003. Award winners will be announced on April 1, 2003.



From among the 51 posters presented at the General Society Student Poster Session (pictured above) at the Philadelphia Meeting this past May, the following winners were chosen:

Poster #41: "Experimental and Theoretical Study of Graphite Nano- and Micro-structures," by Svetlana Dimovski (Drexel University).

Poster #47: "Preparation and Characterization of PEO Functionalized Silsequixanes as Nanofunctional Materials for Lithium Batteries," by Prithwiraj Maitra (Temple University).

Honorable Mentions included:

Poster #8: "The Effects of Temperature and Potential on the Passive Corrosion Properties of Ni-Cr-Mo Alloys," by Amy Lloyd (The University of Western Ontario).

Poster #43: "Study of Oxide Films on Metals Using Infrared Spectroscopy," by Vivek Srinivasamurthi (Northeastern University).

Poster #45: "Anion Effects in the Underpotential Deposition of Cd on Au (111), and Formation of the First Monolayers of CdTe Using AES, XPS, LEED, and STM," by Madhivanan Muthuvel (University of Georgia).

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.

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Student News

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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, 2002.



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. 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, 2002.

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

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

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 on page 50 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 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/202/cfp.pdf. To apply for a travel grant, use the application form below.

Application Requirements—All applications for the 202nd meeting in Salt Lake City, UT, October 20-25, 2002 must be received no later than August 1, 2002. 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 students 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), and Physical Electrochemistry Divisions** offer travel grants to students presenting papers at Society meetings. 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: D. Misra, Dept. of Elec. and Comp. Engr., NJIT, Newark, NJ 07102, USA. E-mail: dmisra@megahertz.njit.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: A. Reisman, NC State Univ., Department of ECE, Box 7911, Raleigh, NC 27695, USA. E-mail: reisman@eos.ncsu.edu.

☐ **Energy Technology**—Send to: J. Prakash, Dept. of Chemistry & Environmental Engr., Illinois Institute of Technology, 10 West 33rd Street, Chicago, IL 60616, USA. E-mail: prakash@charlie.cns.iit.edu.

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

☐ **Physical Electrochemistry**—Send to: G. Brisard, Dept. de Chimie, Univ. de Sherbrooke, 2500 Boul. Universite, Sherbrooke QC, Canada J1K 2R1. E-mail: gbrisard@courrier.usherb.ca.

Applications must be received no later than August 1, 2002.