

STUDENT NEWS



2003 Student Research Award of the Battery Division

KYUNG-WON PARK is a graduate student in the Department of Materials Science and Engineering at Kwangju Institute of Science and Technology (K-JIST) in Korea under the guidance of Professor Yung-Eun Sung. He obtained a masters and bachelors degree from K-JIST and Sungkyunkwan University, respectively.

Park's main research areas emphasize the design and characterization of nanostructured materials for direct methanol fuel cells. Nanoparticles or nanocomposite electrodes have been prepared by chemical synthesis and compared to thin-film electrodes by thin-film technology such as e-beam evaporation and sputtering method. The nanostructured materials were characterized using electrochemical measurements, X-ray photoelectron spectroscopy, transmission electron microscopy, and X-ray diffraction.

During his graduate career, he has co-authored 14 referred international papers and several others are currently in submission or in preparation. In addition, he has three international and six Korean patents. He is the recipient of the 2003 Excellent Graduate Student Award of the Materials Science and Engineering of Brain Korea 21 and the 2002 Best Presentation Award of the Fuel Cell Symposium in the Korean Electrochemical Society. He acknowledges support by the Korean government (1996-2002 scholarship), the Brain Korea 21 project from the Ministry of Education, and KOSEF through the Research Center for Energy Conversion and Storage. Park can be contacted via e-mail at: snow7292@kjist.ac.kr or through his group homepage at K-JIST (<http://matlb.kjist.ac.kr/~mechem>). ■



2003 Morris Cohen Graduate Student Award of the Corrosion Division

RAMGOPAL THODLA completed his B. Tech at IIT, Madras in 1996, and obtained his PhD from The Ohio State University in 2001. He worked on Intergranular Corrosion of AA7150 for his PhD thesis. His thesis work involved characterizing the corrosion response of AA7150 as a function of heat treatment. Thin film analogs of the grain boundary precipitates and bulk analogs of solute depleted zone were studied to understand the electrochemical response as AA7150 as a function of temper.

Thodla has been working with GE - Global Research Center, Bangalore from 2001 at the Center of Excellence for Corrosion in MRL. ■

Call for Nominations



Student Research Award of the Battery Division

Members of The Electrochemical Society are invited to nominate candidates for the Student Research Award of the Battery Division. The award, which consists of a commemorative scroll describing the award and a check for \$1,000, is intended to encourage and recognize promising young engineers and scientists in the field of electrochemistry.

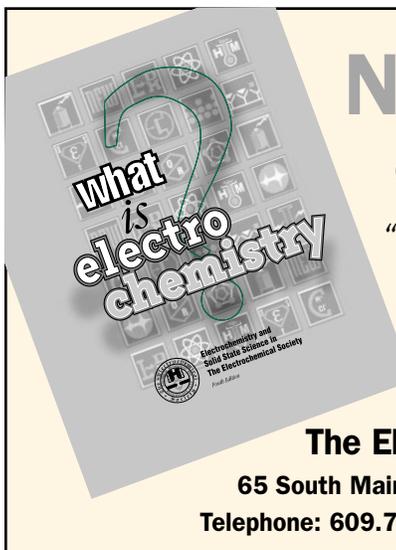
Nominations should be submitted before March 15, 2004 to the Student Research Award committee chairman: John Weidner, Center for Electrochemical Engineering, University of South Carolina, Swearingen Engineering Center, Columbia, SC 29208, USA; tel: 803.777.3207, fax: 803.777.8265, or e-mail: weidner@engr.sc.edu.



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



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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 2004 award must be received by the award committee chairman no later than December 15, 2003.

The Student Award of the Canadian Section

The Student Award of the Canadian Section is awarded annually to a student who is pursuing, at a Canadian university, a PhD degree in which electrochemical science and technology and/or solid-state science and technology is the central consideration. The

award of \$1,000 is presented to the winning student at a meeting of the Section, at which he or she is invited to give a lecture on the topic of his/her research project. The student must be nominated by a faculty member of a Canadian university. The nomination must subsequently be supported by letters of recommendation written by personnel in university, industry, or government. The nomination must consist of the following documents: (1) A curriculum vitae for the student, listing publications and work experience, as well as the month and the year at which all university degrees were begun or completed. In particular, an estimate must be made of the date of completion of the currently pursued degree. The student should not have completed his/her degree prior to the year the award is given; (2) A letter of recommendation for the nomination from the nominating professor, which should outline the student's strong points and weaknesses in electrochemi-

cal research. It should answer the question: "Why do you wish to single out this student for the award?"; and (3) A brief (1 to 2 typed pages) outline of the proposed and completed research project, written by the student.

The nominators are responsible for sending a complete nomination. If an item is missing on the day of the deadline, the candidate will be rejected by the award committee. The criterion for nomination is the excellence of the student's research accomplishments. Thus, copies of university transcripts are not required.

The closing date for nominations is February 28, 2004. See also the ECS website for details at www.electrochem.org/awards/section.htm.

Nominations for both awards should be sent to Dr. Elena Babes-Dornea, General Electric Canada, 4931 Ste. Suzanne, Pierrefonds, QC, H8Y-2A2, Canada; tel: 514.693.1428. fax: 514.694.9245, e-mail: elena.babes@ps.ge.com.

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 News Wanted

ECS takes an active interest in the affairs of its Student Members, and we are always interested in hearing from you about your interests, activities, and accomplishments.

Send all correspondence to:

Interface

65 South Main Street

Pennington, NJ 08534-2839, USA

Tel: 609.737.1902

Fax: 609.737.2743

E-mail: interface@electrochem.org

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 | | |

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