

## AWARDS

### 2001 Norman Hackerman Young Author Awards

The Society is pleased to announce the recipients of the Norman Hackerman Young Author Awards for 2001: Jay F. Whitacre (ES&T) and Petra Feichtinger (SSS&T) for their excellent work that has appeared in the *Journal of The Electrochemical Society*.



**JAY F. WHITACRE** received the award for his paper "Crystallographically Oriented Thin-Film Nanocrystalline Cathode Layers Prepared Without Exceeding 300° C," *J. Electrochem. Soc.* **148**, A1078 (2001).

Dr. Whitacre received his BA from Oberlin College in 1994, where he graduated with honors in physics. He then earned his masters (1997) and PhD (1999) from the Department of Materials Science and Engineering at the

University of Michigan. His dissertation focused on understanding the mechanisms that allow for the control and manipulation of composition, microstructure, and morphology in thin physical vapor deposited films. Whitacre was a post-doctoral scholar at the California Institute of Technology from 1999 to 2001 and subsequently became a member of the technical staff at the Jet Propulsion Laboratory. His work since graduate school has focused, in part, on creating and manipulating thin-film solid-state electrochemical materials. The results from some of this work were presented in the paper for which Dr. Whitacre received this award.

Other current research topics include investigations of solid-state integrated hybrid energy collection and storage devices, combinatorial materials selection methods, and conformal polymeric coatings for interplanetary space probes. Dr. Whitacre has received several other awards in his career that include: the Graduate Student Research Award, Materials Research Society, fall 1998 (silver medal); 1999 Alfred E. Yee University of Michigan Departmental Graduate Student Research Award; and the fall 1999 American Vacuum Society Graduate Research Award (Thin Films Division).



**PETRA FEICHTINGER** received the award for her paper "Misfit Dislocation Nucleation Study in p/p<sup>+</sup> Silicon," *J. Electrochem. Soc.* **148**, G379 (2001).

Dr. Feichtinger is working as an applications scientist at Bede Scientific, Inc. and as part of Bede Scientific's Innovations and Development Group. Her duties include full automation of non-destructive characterization of crystalline and amorphous samples using a novel 300

mm diameter silicon wafer high resolution diffraction tool (Bede FAB300) as well as full automation of Bede's novel x-ray topography tool (BedeScan).

Dr. Feichtinger began her career at a semiconductor wafer company, Wacker Siltronic AG in Germany, where she did the thesis for her Dip-Ing in 1997. She graduated in a combination major of chemical engineering and business from Johannes Kepler University in Linz. Subsequently, she spent six months at Wacker Siltronic Corp. in Portland, Oregon as a temporary process engineer. Dr. Feichtinger was sponsored by Wacker Siltronic Corp. to carry out a research project in Mark Goorsky's lab in the Department of Materials Science and Engineering at the University of California, Los Angeles (UCLA). Dr. Feichtinger's main field of research was the detection and prevention of slip lines and misfit dislocations in semiconductor wafers using Bede Scientific's non-destructive x-ray diffraction and topography tools. In 2001, she graduated from UCLA with a PhD in materials science and engineering, major electronics materials.

To date, Dr. Feichtinger has authored nine scientific publications and 12 papers.

### Call for Nominations



#### Olin Palladium Medal Award

The Olin Palladium Medal Award, consisting of a palladium medal, a wall plaque, and a \$7,500 cash prize, recognizes outstanding contributions to the fundamental understanding of all types of electrochemical or corrosion phenomena and processes.

The next presentation of the award will be made during the fall 2003 meeting in Orlando, Florida, where the recipient will be required to deliver a general address to the Society on a subject related to the contributions for which the award is made.

As this is one of the Society's most prestigious awards, careful considera-

tion should be given to possible nominees. For more information, or to receive nomination forms, please contact the Subcommittee Chairman: R. G. Kelly, Department of Materials Science and Engineering, University of Virginia, Charlottesville, VA 22903, tel: 804.982.5783, fax: 804.982.5799, e-mail: rgkelly@virginia.edu, or contact The Electrochemical Society headquarters office.

Nominations must be received by the subcommittee chairman by October 1, 2002.



#### Vittorio de Nora Award

The Honors and Awards Committee is soliciting nominations for the Vittorio de Nora Award in Electrochemical Engineering and Technology. This

award will be presented at the spring 2004 meeting of the Society in San Antonio, Texas, at which time the recipient will deliver an award address on a subject related to the contributions for which the award was received.

The recipients shall be distinguished for outstanding contributions to electrochemical engineering and technology. The award consists of a gold medal and a cash prize of \$7,500.

This is one of the Society's most prestigious awards, and all members are urged to give serious consideration to nominating possible candidates. Nomination forms are available from ECS headquarters or the subcommittee chairman: Barry MacDougall, Institute for Environmental Chemistry, Ottawa, ON, KIA OR6,

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Canada, tel: 613.993.8573, fax: 613.941.2529, e-mail: barry.macdougall@nrc.ca. Eight copies of each nomination must be received by the beginning of the spring 2003 meeting.



### Henry B. Linford Award

Nominations are now being solicited for the Society's Henry B. Linford Award for Distinguished Teaching. The twelfth presentation of this award will be made at the 2004 spring Society meeting in San Antonio, Texas.

The recipient shall be distinguished for excellence in teaching in subject areas of interest to the Society. The award consists of a silver medal, a wall plaque, and a cash prize at \$2,500.

Nominations for this award must be accompanied by supporting documents such as a biography; list of recent courses taught; list of publications, including any textbooks; professional activities; list of former students and their affiliations; and other appropriate supporting materials. Letters of support by distinguished colleagues and former students are also encouraged.

To obtain a nomination form, contact the subcommittee chairman or ECS headquarters. Please send eight copies of the nomination form and all documents to: Dennis Evans, University of Delaware, Dept. of Chemistry, Newark, DE 19716, USA, tel: 302.831.6770, fax: 302.831.6335, e-mail: devans@udel.de.

Nominations must be received by April 1, 2003.



### Honorary Membership

Nominations are now being accepted for Honorary Membership of The Electrochemical Society. Selection as an Honorary Member is one of the highest honors bestowed on a member of the Society, acknowledging that the individual has made outstanding contributions to the purpose of The Electrochemical Society. Honorary Members pay no dues, and have all the rights and privileges of Active Members. The total number of Honorary Members must not exceed one half of one percent of the active membership of the Society. At present, there is one vacancy. This is one of the Society's most prestigious awards, and all members are urged to give serious consideration to nominating possible candidates.

Six copies of each nomination and supporting documents should be sent to Alison Davenport, University of

Birmingham, School of Metallurgy and Materials, Edgbaston, Birmingham, B15 2TT, United Kingdom, tel: 121.414.5191, fax: 121.414.5232, e-mail: a.davenport@bham.ac.uk.



### The Electrochemical Society Fellows

Nominations are now being accepted for the 2003 Class of Fellows of The Electrochemical Society. Selection as a Fellow is one of the highest honors bestowed on a member of the Society, acknowledging that the recipient is distinguished by outstanding contributions to the advancement of science and technology in the areas of electrochemistry and/or solid-state sciences, leadership in the advancement of electrochemical or solid-state science and technology, and current active participation in the Society's affairs. All members are urged to give serious consideration to nominating possible candidates.

Those candidates selected as Fellows will be recognized by the awarding of a certificate and a lapel pin at the Society Honors and Awards Session at the 2003 fall meeting of the Society, announcement in *Interface*, listing as a Fellow when an author of a *Journal* or *Letters* article, and notation on the identification badge at Society meetings. Fellows are elected at a rate of up to 20 per year. Deadline for submission of candidates is January 15, 2003.

Please send your nomination forms to Al Landgrebe, B14 Sussex Lane, Long Neck, DE 19966-6634, USA, tel: 302.945.4306, fax: 302.945.2219, e-mail: albert@dmv.com.



### Carl Wagner Memorial Award

The Carl Wagner Memorial Award of The Electrochemical Society recognizes outstanding contributions in the areas of interest to the Society. The nominees for this award should be distinguished as mid-career researchers and leaders (or teachers), with the research and leadership encompassing interdisciplinary depth. Although the nominee need not be a member of the Society, nominations for the award must come from one or more Society members.

The recipient of this award will be required to attend the Society meeting in fall 2003 in Orlando, Florida and present a brief technical address on a subject related to the contributions for which the award is presented.

The award consists of an ECS life membership, a certificate, a silver medal,

complimentary meeting registration to recipient and guest, and reimbursement of the expenses incurred in attending the meeting at which the award is presented.

As this award is one of the Society's most prestigious awards, possible nominees should be given considerable thought.

For more information or nomination forms, please contact the subcommittee chairman, Cynthia J. Bruckner-Lea, Pacific Northwest National laboratory, MSK8-93 P. O. Box 999, Richland, WA 99352-0999, USA, tel: 509.376.2175, fax: 509.376.1044, e-mail: cindy.bruckner-lea@pnl.gov, or contact The Electrochemical Society headquarters office. Supporting documents should include nominating statements by Society members, a list of the candidate's publications, and other appropriate materials.

Nominations must be received by the subcommittee chairman by October 1, 2002.



### H. H. Uhlig Award of the Corrosion Division

The H. H. Uhlig Award of the Corrosion Division, previously known as the

Outstanding Achievement Award, was established by the Society's Corrosion Division to recognize excellence in corrosion research and outstanding technical contributions to the field of corrosion science. The 2003 award will be presented at the fall Society meeting in Orlando, FL, USA.

The recipient of this award will receive a scroll and \$1,500 and will be required to attend the Society meeting at which the award is given and to present an award lecture to the Corrosion Division. If necessary, financial assistance for travel expenses to the meeting will also be made.

All nominations must be accompanied by supporting documents, such as a biography, list of publications, professional activities, and a brief summary of the outstanding contributions on which the award is to be based. Five (5) copies of each nomination with supporting documents should be submitted to the award committee chairman: Hugh S. Isaacs, Brookhaven National Lab., DAS, Bldg. 480, P.O. Box 5000, Upton, New York 11973-5000, USA, tel: 631.344.4516, e-mail: isaacs@bnl.gov. The deadline for receipt of nominations is December 15, 2002.

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### Max Bredig Award in Molten Salt Chemistry

Nominations are solicited for the Max Bredig Award in Molten Salt Chemistry of the Physical Electrochemistry Division. The Division has established this award in order to encourage excellence in molten salt chemistry research and to stimulate publication of high quality research papers in the *Journal*. This encouragement is provided by bringing recognition to scientists who have made outstanding contributions to the field of molten salt chemistry and who have enhanced the scientific stature of the Society by the presentation of well-recognized papers in the *Journal* and by organizing and participating in Society meetings. The Max Bredig Award in Molten Salt Chemistry shall be granted to a scientist for outstanding scientific contributions to molten salt chemistry. Previous winners of the award are: Milton Blander (1987), G. Pedro Smith (1990), Robert Osteryoung (1992), Gleb Mamantov (1994), Niels Bjerrum (1996), Harold Øye (1998), Yasuhiko Ito (1999), and George Papatheodorou (2002).

The award, consisting of a certificate, a stipend of at least \$1,500, and, if required, financial assistance toward travel expenses to the Society meeting at which the award is made. The recipient of the award is required to attend the Society meeting at which the award is presented, and to present an award lecture at the International Molten Salt Chemistry award dinner sponsored by the Physical Electrochemistry Division, which is to be held at the fall 2004 ECS meeting in Honolulu, HI. The award is funded from the income of the Max Bredig Award Fund, which has been specifically established for this purpose by contributions from the ARCO Metals Company and the Aluminum Corporation of America (ALCOA).

Nominations must be accompanied by supporting documents, such as a biography, list of publications, professional activities, a brief summary of the outstanding contributions on which the award is to be based, and letters of support. Six copies of the nominations documents should be submitted to the award chairman: G. R. Stafford, Building 224, Rm. B160, NIST, Gaithersburg, MD 20899, USA, tel: 301.975.6412, fax: 301.926.7679, e-mail: gery.stafford@nist.gov. The deadline for nominations is January 31, 2003. ■