

## AWARDS

### 2002 Norman Hackerman Young Author Awards

The Society is pleased to announce the recipients of the Norman Hackerman Young Author Awards for 2002: Timothy J. Pricer (ES&T) and P. S. Lee (SSS&T) for their excellent work, which has appeared in the *Journal of The Electrochemical Society*.



**TIMOTHY J. PRICER** received the award for his paper "Monte Carlo Simulation of the Electrodeposition of Copper II Acid Sulfate Solution with Blocking Additive," *J. Electrochem. Soc.* **149**, C406 (2002).

Dr. Pricer graduated from Clarkson University in Potsdam, New York with a Bachelor of Science in chemical engineering in 1994. During that summer he worked for IBM Microelectronics. In the fall of 1994 he

began his graduate work in the Chemical Engineering Department at the University of Illinois at Urbana-Champaign. He received his PhD in chemical engineering from the University in the fall of 2000 for the study on electrodeposition of copper. From the fall of 2000 to the fall of 2002 he worked for IBM Microelectronics doing semiconductor integration. ■



**P. S. LEE** received the award for her paper "Effect of Ion Implantation on Layer Inversion of Ni Silicided Poly-Si," *J. Electrochem. Soc.* **149**, G505 (2002).

Pooi See Lee received her PhD from the Materials Science Department of the National University of Singapore in 2002. She worked on Ni- and Ni(alloy) silicidation for CMOS applications. Currently, she is working at the Technology Development

Department in Chartered Semiconductor Manufacturing in Singapore. Her research interest involves thin film solid-state reactions, especially in microelectronic materials for advanced applications. Her research topics include silicidation, silicon germanium, laser annealing, and ultra shallow junction formation and stress simulations. ■

### Call for Nominations



#### Edward Goodrich Acheson Award

Nominations are solicited for the 2004 Edward Goodrich Acheson Award, to be presented at the fall 2004 meeting in Honolulu, Hawaii. This award, established in 1928, recognizes a person who, in the judgment of the Directors of the Society, has made contributions to the advancement of any of the Society's objectives, purposes, or activities as to merit special notice. Such contributions may consist of, but are not limited to, a discovery pertaining to electrochemistry, electrometallurgy, or electrothermics; an invention of a plan, process, or device, or research evidenced by a paper embodying information useful, valuable, or significant in the theory or practice of electrochemistry, electrometallurgy, or electrothermics; or distinguished service rendered to the Society.

This award consists of a gold medal, a wall plaque, and \$10,000. Please send nominations with supporting documents before May 1, 2004 to: Dr. Barry R. MacDougall, National Research Council, Inst. for Environmental Chemistry, Ottawa, ON, Canada K1A 0R6, tel: 613.993.8573, fax: 613.941.2529, or e-mail: barry.macdougall@nrc.ca.



#### Solid State Science and Technology Award

One of the Society's most prestigious Awards, the Solid State Science and Technology Award, honors an individual who has made distinguished contributions to the field of solid-state science and technology.

This award, consisting of a silver medal, a wall plaque, and \$7,500, will be presented next at the spring 2005 meeting in Quebec City, Canada, at which the winner must deliver an address to the Society on a subject related to the contributions for which the award is presented.

As this is one of the Society's highest honors, we urge all members to give serious consideration to possible candidates. To suggest or nominate a candidate, please contact the chairman of the award subcommittee: Frederick J. Strieter, 7814 Fallmeadow Lane, Dallas, TX, 75248-5328, USA, tel: 972.239.8514; fax: 972.503.7210; e-mail: fredstrieter@att.net. Nomination forms are also available from Society headquarters. If more information is needed for consideration, the nominator will be contacted. Please submit all nominations by May 1, 2004 to facilitate consideration by the committee. Nominations close at the beginning of the spring 2004 meeting of the Society.



#### Fellow of The Electrochemical Society

Nominations are now being accepted for the 2004 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 fall 2004 meeting of the Society in Honolulu, Hawaii, 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. Deadline for submission of candidates is January 15, 2004.

Please send your nomination forms to Steven Visco, Lawrence Berkeley National Laboratory, MS 62-203,

1 Cyclotron Rd., Berkeley, CA 94720-0001, USA, tel: 510.486.5821, fax: 510.486.4881, e-mail: sjvisco@lbl.gov.



### Charles W. Tobias Young Investor Award

Nominations are now being solicited for the Society's Charles W. Tobias Young Investigator Award. This award is intended to recognize outstanding scientific and/or engineering work in fundamental or applied electrochemistry or solid-state science and technology by a young scientist or engineer. Nominees must be a young scientist or engineer who has contributed an accumulation of outstanding theoretical and/or experimental work in the fields of electrochemistry, electrochemical engineering, or solid-state science and/or engineering. The nominee's fortieth birthday may not precede April 1 of the year in which the award is made. The award shall be granted without restriction to ECS membership status or nationality. The first presentation of this award will take place at the ECS fall 2004 meeting in Honolulu, Hawaii.

The recipient must show promise as a developing leader of research in these fields. The award consists of a \$5,000 cash prize, a certificate setting forth the reasons for the award, and lifetime membership in The Electrochemical Society.

The award criteria include, but are not limited to: significance and impact of research achievements, originality and novelty of approaches and results, advancement of scientific and engineering infrastructure, importance and impact of inventions and developed devices and technology, and potential for further growth of the individual.

Nomination forms are available from the subcommittee chairman: Bill Smyrl, University of Minnesota, Dept. of Chemical Engineering and Materials Science, 151 Amundson Hall, Minneapolis, MN 55455, USA, tel: 612.625.0717, fax: 612.626.7246, e-mail: smyrl001@maroon.tc.umn.edu.

Eight copies of each nomination must be received by the subcommittee chairman. The close of nominations is January 15, 2004.



### Oronzio de Nora Industrial Electrochemistry Fellowship of The Electrochemical Society

Nominations are now being solicited for the Society's Oronzio de Nora Industrial Electrochemistry Fellowship Award. This award, in the form of a fellowship, is given to a postdoctoral scientist or engineer for research in the field of electro-

chemistry. Nominees must be a postdoctoral scientist or engineer continuing research in industrial electrochemistry. The nominee's thirty-fifth birthday may not precede April 1 of the year in which the fellowship is made. This award shall be made without regard to sex, citizenship, race, or financial need.

The award will be in the form of a \$25,000 fellowship for one year, twice renewable based on successful research process as judged by the award's committee. It is intended that the recipient should feel he or she is uniquely an Oronzio de Nora Industrial Electrochemistry Fellow during the period of his or her fellowship; to that end, he or she is required to not hold other named fellowships. However, the recipient is eligible to receive additional financial support during the award period.

The award requirements include: an essay (1,000 words or less) addressing personal interests/career goals related to the fellowship position, skills, and talents brought to the fellowship, along with a curriculum vitae, three letters of recommendation (should include letter of support from the group receiving the fellow), and transcripts should be submitted to the Society by the nominee for consideration. In addition, fellowship winners will submit a paper for publication in *Interface* upon annual completion of their fellowship to assure successful fellowship progress.

Nomination forms are available from the subcommittee chairman: Peter C. Foller, PPG Industries, Inc., 1461 Lyons Chase Circle, Murrysville, PA 15668-2627, USA, tel: 724.325.5181, fax: 724.325.5105, e-mail: foller@ppg.com.

The close of nominations is January 1, 2004.



### Battery Division Research Award

Members of The Electrochemical Society are invited to nominate candidates for the Research Award of the Battery Division. The award recognizes outstanding contributions to the science and technology of primary and secondary cells and batteries, and fuel cells. Of particular interest are advances in the understanding of mechanisms, introduction of a new theory, and development of new materials.

The award, consisting of a scroll, a check for \$1,000, and lifetime membership in the Battery Division, will be presented at the fall 2004 Society meeting in Honolulu, Hawaii.

Nominations, in the form of a letter detailing the accomplishments of the nominee(s), should be submitted before

March 15, 2004 to the chairman of the award committee: R. Bugga, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, CA 91109, USA; tel: 818.354.0110, fax: 818.393.6951, or e-mail: ratnakumar.v.bugga@jpl.nasa.gov. The letter should be accompanied by a list of all supporting publications, at least one of which must have appeared in the *Journal* or another Society publication.



### Battery Division Technology Award

Members of the Society are invited to nominate candidates for the Technology Award of the Battery Division. The award honors members of the Society who have made noteworthy practical contributions to battery and/or fuel cell technology. Their contributions may consist of novel/practical designs, the development of new or established systems with improved performance or safety, improved manufacturing methods, or improvements in the environmental aspects of battery/fuel cell technologies.

The award, consisting of a scroll, a check for \$1,000, and lifetime membership in the Battery Division, will be presented at the fall 2004 Society meeting in Honolulu, Hawaii.

Please send the name(s) of your suggested candidate(s) to the award committee chairman: Ralph Brodd, Broddarp of Nevada, 2161 Fountain Springs Drive, Henderson, NV 89074-15075, USA; tel: 702.897.3027, fax: 702.897.5812, e-mail: dbrodd@broddarp.com. Your letter should indicate the technological contributions of the candidate(s), accompanied by a list of relevant publications, with subject titles. At least one of these papers should have appeared in a publication of the Society. Deadline for application is March 15, 2004.



### 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 2004 award will be presented at the fall 2004 Society meeting in Honolulu, Hawaii.

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: Mike Graham, National Research Council, Department of Microstructural Science, Montreal Rd., Ottawa, ON, K1A-OR9, Canada, tel: 613.993.3548, fax: 613.952.6337, e-mail: mike.graham@nrc.ca. The deadline for receipt of nominations is December 15, 2003.



### High Temperature Materials Outstanding Achievement Award

Nominations are now being accepted for the 2004 Outstanding Achievement Award of the High Temperature Materials Division (HTM). This award, presented biannually, recognizes excellence in high temperature materials and research and outstanding technical contributions in the field of high temperature materials science.

The award consists of a scroll and a \$1,000 and will be presented at the fall 2004 meeting of the Society in Honolulu, Hawaii, where the recipient will present a key-note talk at an HTM-sponsored symposium on a subject related to the work for which the award is presented.

The nomination must include a letter of nomination, curriculum vitae, and at least four supporting letters of recommendation. The nomination letter must describe the research accomplishments of the nominee, including the nature of their research and the lasting impact of their contributions upon the field of high temperature materials science. Supporting documents should include a list of publications, patents, and activities. The selection of the award recipient will be conducted by the High Temperature Materials Division Awards Committee.

All supporting documents must be mailed to the Junior Vice-Chair of the High Temperature Materials Division, Dr. Elizabeth J. Opila, NASA-Glenn Research Center, 21000 Brookpark Road, #106-1, Cleveland, OH, 44135-3127, USA, e-mail: opila@grc.nasa.gov. For information concerning this award please contact Dr. Opila by phone: 216.433.8904. The deadline for nominations is January 1, 2004.



### Centennial Outstanding Achievement Award of the Luminescence and Display Materials Division

The Centennial Outstanding Achievement Award of the Luminescence and Display Materials Division (LDM) was estab-

lished to encourage excellence in luminescence and display materials research and outstanding technical contributions to the field of luminescence and display materials science. The first award will be presented at the Society's fall 2004 meeting in Honolulu, Hawaii.

The award recognizes outstanding recent achievement in luminescence and display materials research or other significant technical contributions to the field of luminescence and display materials science. For the purposes of this award, luminescence and display materials science is defined as that area of knowledge that encompasses the physics, chemistry, and materials technology of luminescence and display materials and devices.

The Centennial Outstanding Achievement Award, consisting of a scroll and a check in the amount of \$1,000, will be presented at the annual business meeting of LDM during the ECS fall 2004 meeting in Honolulu, Hawaii, at which the winner must deliver an award lecture. Nominations for this award and the appropriate documentation should be forwarded to Lauren Shea-Rohwer, Sandia National Labs, PO Box 5800, MS 0892, Albuquerque, NM 87185-0892, USA, tel: 505.844.6627, fax: 505.845.8161, e-mail: leshea@sandia.gov. The deadline for receipt of nominations for the 2004 award is January 1, 2004.



### 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, Hawaii. 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: Hugh DeLong, Air Force Office of Scientific Research, 3027 Lundt Ct., Waldorf, MD 20603-5701, USA, tel: 703.696.7722, fax: 703.696.8449, e-mail: hugh.delong@afosr.af.mil. The deadline for nominations is April 1, 2004.



### Sensor Division Outstanding Achievement Award

Nominations are now being accepted for the Outstanding Achievement Award of the Sensor Division of The Electrochemical Society, given to recognize outstanding achievement in the science and/or technology of sensors and to encourage excellence of work in the field. This award, which was presented for the first time at the fall 1994 Society meeting, consists of a scroll and \$1,000. It will be presented at the Sensor Division Meeting in fall 2004 in Honolulu, Hawaii.

Nominations for the award and a description of the achievements should be sent to: R. Mukundan, Los Alamos National Laboratory, MS D429, SM-40, TA-3, Electronics and Electrochemical Materials and Development Group, Los Alamos, NM, 87545, USA, tel: 505.665.8523; fax: 505.665.4292; e-mail: mukundan@lanl.gov, before January 1, 2004. ■