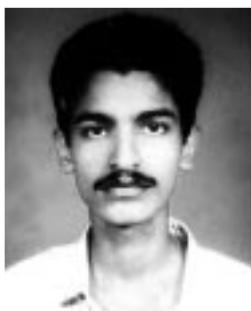


AWARDS

1997 Norman Hackerman Young Author Awards

The Society is pleased to announce the recipients of the Norman Hackerman Young Author Awards for 1999: Akshaya K. Padhi (ES&T) and Sang M. Han (SS&T) for their excellent work that has appeared in the **Journal**.



Akshaya K. Padhi received the Award for his paper "Phospho-olivines and Positive-Electrode Materials for Rechargeable Lithium Batteries" (*J. Electrochem Soc.* **144**, 1188 (1997)). He obtained a BS in Mechanical Engineering from Utkal University, India in 1990 and an MS in Cryogenic Engineering at the Indian Institute of Technology, Kharagpur, India in 1992. From 1993 to 1996, he pursued

sued his doctoral studies in materials science and engineering at the University of Texas at Austin, under the supervision of Professor John B. Goodenough. During his research, he worked extensively on the development of electrode materials, mapping, and the tuning of transition-metal redox potentials for rechargeable lithium batteries. His study revolved around the effect of structure and polyanions on the position of solid-state transition-metal redox couples.

Presently, Padhi is employed as a Development Chemist for Carus Chemical Company, La Salle, Illinois, and working toward developing cathode materials for rechargeable lithium batteries.



Sang M. Han received the Award for his paper "Silanol Concentration Depth Profiling during Plasma Deposition of SiO₂ Using Multiple Internal Reflection Infrared Spectroscopy" (*J. Electrochem Soc.* **144**, 3963 (1997)). He earned his BS degree in Chemical Engineering with honors from the UC-Berkeley, in 1992. Han worked as a process engineer in the polysilicon plasma etch division of Lam Research Corp. in Fremont, CA. In 1993, Han

joined the Chemical Engineering Department at UC-Santa Barbara, and has conducted his graduate research with Dr. E. S. Aydil in the area of plasma-enhanced chemical vapor deposition. Han has focused his research on in situ real time plasma and surface diagnostics during plasma deposition of low dielectric-constant materials. In 1996, the National Science Foundation recognized Han with two fellowships. Han has published seven articles in major academic journals in the area of vacuum science, and has also contributed to nine papers of various national conferences. He has participated in four invited seminars. Han will graduate with his PhD in the fall of 1998 and is pursuing both academic and industrial positions at this time.



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 2000 Meeting of the Society in Toronto, 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: Donald Deal, FSI International, Inc., 322 Lake Hazeltine Drive, Chaska, MN 55318-1096, tel: (612) 448-1355, fax: (612) 448-2825, e-mail: dbdeal@aol.com. Eight copies of each nomination must be received by the beginning of the Spring 1999 ECS Meeting.



Henry B. Linford Award

Nominations are now being solicited for the Society's Henry B. Linford Award for Distinguished Teaching. The tenth presentation of this award, which consists of a silver medal, scroll, and a cash prize, will be made at the 2000 Spring Society Meeting in Toronto, Canada.

The recipient shall be distinguished for excellence in teaching in subject areas of interest to the Society. The award consists of a silver medal 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: V. Kapoor, College of Engineering, University of Toledo, Toledo, OH 43606, tel: (419) 530-8000, fax: (419) 530-8006, e-mail: vkapoor@eng.utoledo.edu.



The Electrochemical Society Fellows

Nominations are now being accepted for the 1999 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 Awards and Recognition Session at the 1999 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, 1999.

For more information or for nomination forms, please contact: ECS Head-

quarters or Dr. Barry R. MacDougall, National Research Council, Inst. for Environmental Chemistry, Ottawa, ON, Canada K1A 0R6, tel: (613) 993-8573, fax: (613) 941-2529, e-mail: barry.macdougall@nrc.ca.

New Electrochemical Technology Award

Nominations are sought for the first New Electrochemical Technology Award of the Industrial Electrolysis and Electrochemical Engineering Division. This award is intended to promote high quality applied electrochemical research, and to recognize the role of multidisciplinary teams in developing ideas into technology. The award will be presented during the business luncheon of the IE&EE Division at the Spring 1999 Meeting.

The award will be presented to the organization sponsoring the technology. Up to six key contributors to the success of the technology development, as identified by the sponsoring organization, will be recognized individually. The award consists of a commemorative plaque with appropriate inscription presented to the sponsoring organization.

The primary award criterion is technological impact on the industrial practice of electrochemistry. Award applicants will include published papers and issued patents, plus other documentation as noted on the nomination form. To be considered, the technology must have been commercialized within 10 years of the award date. Commercial advances involving applied electrochemical science as a major development vehicle are eligible for consideration. Award preferences may be given to technological achievements in areas particularly served by the IE&EE Division.

Deadline for the receipt of nominations is October 1, 1998. More information, including nomination forms, is available from ECS Headquarters or the Chairman of the Award Committee: J. A. McIntyre, Central Research, The Dow Chemical Company, Midland MI 48674, tel: (517) 636-0654; fax: (517) 636-4917; e-mail: mcintyreja@dow.com.

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 at Society Meetings. Previous winners of the award are: Milton Blander (1987), G. P. Smith (1990), R. Osteryoung (1992), G. Mamantov (1994), and N. Bjerrum (1996).

The award, consisting of a certificate, a stipend of at least \$500, and, if required, financial assistance toward travel expenses to the Society Meeting at which

the award is made, is given no more than once every two years. 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. In the event that the award is made jointly to two or more corecipients, the award will comprise a certificate and a check for an amount to be decided upon the Division's Executive Committee. The Max Bredig Award in Molten Salt Chemistry is funded from the income of the Max Bredig Award Fund, which has been specifically

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

established for this purpose by contributions from the ARCO Metals Company and the Aluminum Corporation of America (ALCOA).

To be considered for this award, nominations must be accompanied by supporting documents, such as a biography, list of publications, professional activities, and a brief summary of the outstanding contribution on which the award is to be based. Letters of support by scientists well-recognized in the areas of molten salt chemistry or physical electrochemistry will also be taken into account. Nomination forms may be obtained from ECS Headquarters or the Award Chairman. Six copies of the nominations documents should be submitted to the Award Chairman: M. L. Saboungi, Argonne National Laboratory, Building 205, 9700 South Cass Avenue, Argonne, IL 60439, tel: (708) 252-4341, or e-mail: saboungi@anpns1.pns.anl.gov. The deadline for receipt of nominations for this award is October 15, 1998.



J. B. Wagner, Jr. Young Investigator Award

Nominations are now being accepted for the 1999 J. B. Wagner, Jr. Young Investigator Award. This award which will

be presented biannually by the High Temperature Materials Division, will recognize a young member of the Society who has demonstrated exceptional promise for a successful career in science and/or technology in the field of high temperature materials.

To be considered for this award, all nominees must be no more than 36 years old and a member of the Society for at least two years at the time of the nomination. The award will be presented for the first time at the Fall 1999 ECS Meeting where the recipient will present a keynote talk at an HTM-sponsored symposium. The award consists of a scroll, \$1,000, and, if required, financial assistance toward travel expenses to the Society Meeting at which the award is given.

Nominations for this award must be accompanied by supporting data, such as a biography or CV, a list of publications, patents, activities, and a brief summary outlining the accomplishments upon which the award nomination is based.

Nomination forms may be obtained from ECS Headquarters or the Award Chairman. All supporting documents must be mailed to: Dr. S. L. Russek, Air Products & Chemicals, Inc., 7201 Hamilton Blvd., Allentown, PA, 18195-

1501. For information concerning this award please contact Dr. Russek by tel: (610) 481-2392, fax: (610) 481-4566, or e-mail: russeksl@apci.com.

The deadline for receipt of nominations is January 15, 1999.

The European Local Section Volta Award

The European Local Section has established the "Alessandro Volta Medal," a new award to recognize outstanding contributions in electrochemistry and solid-state chemistry and technology in Europe. The award consists of a bronze medal and a check for \$500. The recipient will be required to attend a European Local Section sponsored meeting, at which the award will be presented, and deliver a lecture on a subject related to the contribution for which the award has been granted. Nomination forms may be obtained from ECS Headquarters or the Award Chairman. Nominations should be submitted to: Professor Bruno Scrosati by March 1999, at: Department of Chemistry, University "La Sapienza," Piazza A. Moro 5, 00185 Rome, Italy; tel: +39-06-4462866; fax: +39-06-491769, e-mail: scrosati@axrma.uniroma1.it. ■