

AWARDS

Call for Nominations



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 elec-

trothermics; or distinguished service rendered to the Society.

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

This award consists of a gold medal, a wall plaque, and \$10,000. Please send nominations with supporting documents before March 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.



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 2005 meeting in Los Angeles, California, 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 consideration should be given to possible nominees. For more information, or to receive nomination forms, please contact the Subcommittee Chairman: Douglas Hansen, Perkin Elmer, 801 S. Illinois Ave., Oak Ridge, TN 37830-9101, USA, tel: 865.483.2141, fax: 865.425.1334, e-

Fellows of The Electrochemical Society

Allen J. Bard.....1990	Sung-Nee George Chu1994	Chung-Chiun Liu1997	David S. Ginley2000
Robert B. Comizzoli.....1990	John P. Dismukes.....1994	Edward McCafferty.....1997	Yasuhiko Ito2000
Glenn W. Cullen1990	Richard B. Fair1994	Theodore D. Moustakas..1997	Howard Huff2000
Theodore I. Kamins1990	Adam Heller.....1994	Shyam P. Muraka1997	Robert F. Savinell2000
Paul C. Milner1990	Richard A. Oriani.....1994	Stella W. Pang1997	Roger Staehle2000
Edward H. Nicollian1990	Boone B. Owens.....1994	Joachim Walter Schultze ..1997	Charles W. Struck2000
Robert A. Osteryoung1990	Wayne L. Worrell.....1994	James D. Sinclair1997	Sergio Trasatti2000
Arnold Reisman1990	Fred Anson.....1995	Norman L. Weinberg.....1997	Dieter M. Kolb2001
Lubomyr T. Romankiw ..1990	Laurence D. Burke1995	Lawrence Young.....1997	David J. Lockwood.....2001
Geraldine C. Schwartz1990	Brian E. Conway1995	Huk Y. Cheh1998	James McBreen2001
Ben G. Streetman.....1990	Robert P. Frankenthal1995	Donald E. Danly1998	Patrick J. Moran.....2001
J. Bruce Wagner, Jr.1990	Karl M. Kadish1995	Dennis H. Evans1998	Shohei Nakahara2001
Theodore R. Beck.....1991	Digby D. Macdonald1995	Fumio Hine1998	William E. O'Grady2001
Elton J. Cairns1991	Gleb Mamantov.....1995	Dennis C. Johnson1998	Supramanian Srinivasan 2001
Bruce E. Deal1991	Florian Mansfeld1995	Zoltan Nagy1998	Marc Allendorf.....2002
Werner Kern.....1991	Royce W. Murray1995	Katsumi Niki1998	William Brown.....2002
William A. Pliskin1991	John Newman1995	Jun-ichi Nishizawa.....1998	Cor Claeys2002
Charles W. Tobias1991	Yutaka Okinaka1995	Fan Ren1998	Sorin Cristoloveanu.....2002
Rolf Weil1991	Howard W. Pickering.....1995	Antonio J. Ricco.....1998	Martin Kendig2002
Richard C. Alkire1992	George Rozgonyi1995	David A. Shores1998	Kim Kinoshita2002
Vittorio de Nora.....1992	Mordechay Schlesinger ..1995	William H. Smyrl.....1998	Paul Kohl2002
Jerome Kruger1992	Karl E. Spear.....1995	George Thompson.....1998	Zempachi Ogumi.....2002
Barry Miller1992	John M. Blocher, Jr.1996	Eric Brooman.....1999	Tetsuya Osaka2002
Dennis R. Turner1992	Hans K. Böhni1996	Stanley Bruckenstein1999	Krishnan Rajeshwar.....2002
Jerry M. Woodall1992	Der-Tau Chin1996	Kathryn Bullock.....1999	Israel Rubinstein2002
Richard P. Buck1993	Hugh Isaacs1996	Shimshon Gottesfeld.....1999	Toshio Shibata2002
Larry R. Faulkner.....1993	Wolfgang J. Lorenz1996	Yue Kuo1999	Sigeru Torii.....2002
Dennis W. Hess1993	S. J. Pearton1996	Dieter Landolt1999	David J. Duquette2003
Vik J. Kapoor1993	Subhash C. Singhal1996	Jerzy Ruzyllo1999	Peter S. Fedkiw2003
Rolf H. Muller1993	Venkataraman	Norio Sato1999	Charles L. Hussey2003
Carlton M. Osburn1993	Swaminathan1996	Ralph White.....1999	Richard L. McCreery2003
Robert A. Rapp.....1993	James A. Amick1997	William Yen1999	Frank R. McLarnon2003
George L. Schnable1993	Denis Noel Buckley1997	Cammy Abernathy2000	Robin A. Susko.....2003
Y. H. Wong.....1993	Eliezer Gileadi1997	Kuzhikalail M. Abraham ..2000	Darrel F. Untereker.....2003
Petr Zuman1993	Michel J. Froment1997	John C. Angus2000	Osamu Yamamoto2003
George K. Celler.....1994	Koji Hashimoto1997	W. Ronald Fawcett.....2000	

mail: doug.hansen@pari-online.com, or contact The Electrochemical Society headquarters office.

Nominations must be received by the subcommittee chairman by October 1, 2004.

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.

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 2005 in Los Angeles, California 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, 2004.

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 Investigator 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.

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.

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Awards

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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.



DS&T Division Thomas D. Callinan Award

Nominations are solicited for the 2005 Thomas D. Callinan Award, to be presented at the Society's spring 2005 meeting in Quebec City, Canada. This award, established in 1967, is given each year by the Dielectric Science and Technology Division to encourage excellence in research, the publication of quality technical papers, and other outstanding contributions in the field of dielectric science and technology. The award, open to

both members and nonmembers of the Society, consists of a plaque and \$1,500.

DS&T Division members are urged to give careful consideration to nominating possible candidates for this award. Nominations, accompanied by supporting documents such as a biography, list of publications and patents, and a brief summary of outstanding contributions, should be mailed to the award chairman: K. Sundaram, University of Central Florida, School of Electrochemical Engineering and Computer Science, 4000 Central Blvd., Engr-1, Room 408, Orlando, Florida 32816-2450 USA, tel: 407.823.5326, fax: 407.823.5835, e-mail: sundaram@mail.ucf.edu.

The deadline for receipt of nominations is August 1, 2004.



Electrodeposition Division Research Award

The Research Award of the Electrodeposition Division, presented annually, recognizes recent outstanding achievement or contribution in the field of electrodeposition. The award, consisting of a scroll and \$2,000 will be given at the fall 2004 Society meeting in Honolulu, Hawaii, to the author or co-authors who have published a paper or papers in one of the Society's publications.

Please submit nominations in a letter detailing the accomplishments of the nominee accompanied by a list of supporting publications with titles to: D. Kolb, University of Ulm, Albert-Einstein-Allee 47, D-89081 Ulm, Germany, e-mail: dieter.kolb@chemie.uni-ulm.de. The nomination deadline is April 1, 2004.



High Temperature Materials Division 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 keynote 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, Eric Wuchina, Naval Surface Warfare Center, Code 645, 9500 MacArthur Blvd., Bldg. 68, West Bethesda, MD 20817-5700, USA, e-mail: wuchina@nswccd.navy.mil. For information concerning this award please contact Dr. Wuchina by phone: 301.227.3949. The deadline for nominations is January 1, 2004.



IE&EE Division New Electrochemical Technology (NET) Award

Nominations are sought for the New Electrochemical Technology (NET) 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 2005 ECS meeting in Quebec City, Canada.

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 May 1, 2004. More information, including nomination forms, is available from ECS headquarters or the chairman of the award committee: 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.



**Physical Electrochemistry Division
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 at the ECS fall 2004 meeting 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.

**European Section
Volta Award**

Nominations are invited for the Alessandro Volta Medal, an award to recognize outstanding contributions in electrochemistry and solid-state chemistry and technology in Europe. The award consists of a silver medal, a scroll, and a check for \$500. The recipient will be required to attend a European 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: Pawel J. Kulesza by March 15, 2004, at: The University of Warsaw, Department of Chemistry, Pasteura 1, PL-02-093 Warsaw, Poland, tel: 48-22.8220211, ext. 289, e-mail: pkulesza@alfa.chem.uw.edu.pl. ■