

# AWARDS

## 2000 Norman Hackerman Young Author Awards

The Society is pleased to announce the recipients of the Norman Hackerman Young Author Awards for 2000: Robert T. Leah (ES&T) and J. W. Klaus (SSS&T) for their excellent work that has appeared in the *Journal of The Electrochemical Society*.



**ROBERT LEAH** received the award for his paper "Numerical Modeling of the Mass Transport and Chemistry of a Simplified Membrane-Divided Chlor-Alkali Reactor," *J. Electrochem. Soc.* **147**, 4173 (2000).

Leah's academic background is in chemical engineering, with an undergraduate degree in chemical engineering with environmental management from the University of Birmingham, England, awarded in 1997. He then went on to study for a PhD at Imperial

College, London, on the numerical modelling of the hydrodynamics and anolyte chemistry of membrane chlor-alkali electrolyzers. This work was financially supported by ICI Chemicals and Polymers Ltd. (now Ineos). A paper based on this work was presented at the Toronto meeting of the ECS in May 2000. His PhD was awarded in March this year.

Since September last year, Robert has been working for ALSTOM Research and Technology Ltd. performing computer modelling and laboratory testing of Solid Oxide Fuel Cells.



**J. W. KLAUS** received the award for his paper "SiO<sub>2</sub> Chemical Vapor Deposition at Room Temperature Using SiCl<sub>4</sub> and H<sub>2</sub>O with an NH<sub>3</sub> Catalyst," *J. Electrochem. Soc.* **147**, 2658 (2000).

Klaus received his BS in chemistry and physics from the University of Wisconsin-Madison in 1994. He attended graduate school at the University of Colorado, in Boulder, where he met Professor Steve George and was immediately interested in his

cutting edge research in the field of surface chemistry. His graduate research focused on atomic layer controlled thin film growth.

Klaus has published numerous papers describing the surface chemistry leading to the atomic layer controlled deposition of Al<sub>2</sub>O<sub>3</sub>, SiO<sub>2</sub>, W, and WN. In addition, several recent papers describe the new catalyzed atomic layer growth technique.

After graduation from the University of Colorado in May of 1999, Klaus took a position at Intel in the technology development division. He is currently a process engineer.

## Call for Nominations



### Edward Goodrich Acheson Award

Nominations are solicited for the 2002 Edward Goodrich Acheson Award, to be presented at the 2002 Fall Meeting in Salt Lake City, Utah. 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 March 1, 2002 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 2003 Meeting in Paris, France, 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 March 1, 2002 to facilitate consideration by the committee. Nominations close at the beginning of the Spring 2002 Meeting of the Society.



### The Electrochemical Society Fellows

Nominations are now being accepted for the 2002 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 2002 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, 2002.

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## Awards

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For more information or for nomination forms, please contact: ECS Headquarters 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, or e-mail: barry.macdougall@nrc.ca.

### 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 2002 award will be presented at the fall Society meeting in Salt Lake City, Utah, 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, tel: 631.344.4516, e-mail: isaacs@bnl.gov. The deadline for receipt of nominations is March 1, 2002.

### David C. Grahame Award

Nominations are now being accepted for the 2003 David C. Grahame Award of the Society's Physical Electrochemistry Division.

This award recognizes Active Members of the Society who have made outstanding contributions to the field of physical electrochemistry and who have enhanced the scientific stature of the Society by the presentation of well-recognized papers in the *Journal* and at Society meetings.

The recipient will receive a certificate, a stipend of \$1,500, and, if required, financial assistance toward travel expenses to the Society meeting at which the award is presented. The winner of this award will be required to attend the meeting and to present an award lecture in one of the ses-

sions or symposia sponsored by the Physical Electrochemistry Division.

To be eligible for the award, applicants must be Active Members of the Society who have published at least two papers in the *Journal* and have attended a Society Meeting within the past five years.

To be considered, nominations must be accompanied by supporting documents, such as a biography, list of publications, professional activities, and a brief summary of the recent outstanding contributions on which the award is based. Letters of support by scientists well recognized in the area of physical electrochemistry will also be considered. Six copies of each nomination should be submitted to the Award Committee Chairman: Robert A. Osteryoung, North Carolina State University, Department of Chemistry, Box 8204, Raleigh, NC 27695-8204, tel: 919.515.6970, fax: 919.515.5486, e-mail: cherao@chemdept.chem.ncsu.edu. Deadline for receipt of nominations is December 31, 2001.

### High Temperature Materials Outstanding Achievement Award

Nominations are now being accepted for the year 2002 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 2002 meeting of the Society 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.

### 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 2002 in Salt Lake City, Utah.

Nominations for the award and a description of the achievements should be sent to: J. R. Stetter, IIT, Department of Chemistry, 3101 South Dearborn Street, Chicago, IL 60616, tel: 312.567.6811; fax: 312.567.3494; e-mail: joseph.stetter@iit.edu, before January 1, 2002.

## Canadian Section Awards

### The Electrochemical Award of the Canadian Section

The Electrochemical Award of the Canadian Section consists of a gold medal and is presented every four years to an individual in recognition of significant contribution to the advancement of electrochemistry in Canada. The recipient must have made his or her contribution while working in Canada, but need not to be a Canadian citizen. Candidates may be nominated from industry, government, or academia. Nominees shall fulfill one or more of the following criteria. Candidates have (1) developed an industrial electrochemical process of recognized commercial importance; (2) have made significant contribution to fundamental electrochemical research and development; (3) have had a distinguished career as an educator in the field of electrochemistry and/or have developed technical training courses in electrochemistry; and/or (4) have promoted or stimulated applied electrochemical research and development.

Candidates must be nominated in writing by two or more people, at least one of whom is an ECS member. Nomination of a candidate for the Electrochemical Award of the Canadian section requires the name of the candidate, date of birth, address, professional affiliation, and titles. Nominators must sign the nomination paper. The nomination shall be supported by two statements. The first shall be a summary statement, of one page or less, setting out clearly the main reasons why, in the

opinion of the nominators, the candidate should be considered for the Award. This statement should make reference to the nature, originality, usefulness, extent of applicability, and merits of the work of the candidate. The second statement shall be a detailed statement setting forth all information, which, in the opinion of the nominators, the award committee should have in order to appraise the qualifications of the candidate. This should include the following: (1) Description of his or her most important work and the significance of the resultant contribution to electrochemical science and technology; (2) Summary of professional work experience be it in industry, government, university or research institution; (3) Memberships and activities in professional associations or societies; (4) Academic achievement, university degrees and names of universities attended, academic and professional awards; and (4) Publications (technical, educational, patents, etc.).

The closing date for nominations is December 31, 2001. See also the ECS website for details at [www.electrochem.org/localsec/cansawd.html](http://www.electrochem.org/localsec/cansawd.html).

### 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 rec-

ommendation for the nomination from the nominating professor, which should outline the student's strong points and weaknesses in electrochemical 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, 2002. See also the ECS website for details at [www.electrochem.org/localsec/cansstawd.html](http://www.electrochem.org/localsec/cansstawd.html).

Nominations for both awards should be sent to Dr. Christina Bock, Vice-Chairman of Membership and Awards, ECS Canadian Section, National Research Council of Canada, Institute for Chemical Process and Environmental Technology, Montréal Road, Ottawa, Ontario, K1A 0R6, Canada. ■

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The following volumes are sponsored by The Electrochemical Society, Inc., and published by John Wiley & Sons, Inc. They should be ordered from: The Electrochemical Society, Inc., 65 South Main St., Pennington, NJ 08534-2839 USA.

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