Nominations Being Accepted for Von Hippel Award, MRS Medal, and David Turnbull Lectureship

Nominations are being accepted for the 16th annual Von Hippel Award, two MRS Medals, and the first David Turnbull Lectureship, scheduled to be presented at the 1991 MRS Fall Meeting in Boston.

Awards Committee Chair J. Murray Gibson strongly urges you to participate in recognizing excellence, innovation, and enterprise in the successful use of the interdisciplinary approach in some area of materials science by nominating a colleague for one of these upcoming awards.

Complete nomination packages for these awards are due by **July 1, 1992** to: John B. Ballance, Executive Director, Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237; phone (412) 367-3003; fax (412) 367-4373. Nomination forms and details about eligibility and nomination criteria are available from Anne Wagner at the above address. It is especially important, says Awards Committee Chair Murray Gibson, that the nominations packages be prepared carefully and that the criteria are addressed completely.

Von Hippel Award Recognizes Interdisciplinary Scientific Work with a Significant Impact on Materials Research

The Von Hippel Award, first presented to its namesake Authur R. von Hippel in 1977, is the Materials Research Society's highest honor. An international hallmark of excellence and distinction, it recognizes the qualities most prized by materials scientists and engineers—brilliance and originality of intellect, combined with vision that transcends the boundaries of conventional scientific disciplines.

The award includes a $5,000 cash prize and a unique trophy, a mounted ruby laser crystal symbolizing the many-faceted nature of materials science.

Nominees for the Von Hippel Award must have outstanding scientific credentials, their scientific work must have had a significant impact on materials research, and it must have exemplified an interdisciplinary approach. The nominee's scientific discipline is of no concern except that the work must have been in areas commonly associated with materials research. The nominee does not need to be a member of MRS or to have previously won other major awards, and nominees of any nationality are eligible. "We especially hope to identify individuals who have reached the stage in their careers when they will be first considered for major awards," says Von Hippel Award Subcommittee Chair, James B. Roberto.

The recipient is determined by a vote of the MRS Council from the slate of candidates prepared by the Awards Committee. Nominations for the Von Hippel Award remain under consideration for three years and may be updated.

Von Hippel Award Recipients

Arthur R. von Hippel (1977)
Massachusetts Institute of Technology

William O. Baker (1978)
AT&T Bell Laboratories

David Turnbull (1979)
Harvard University

W. Conyers Herring (1980)
Stanford University

James W. Mayer (1981)
Cornell University

Clarence M. Zener (1982)
Carnegie Mellon University

Sir Peter B. Hirsch (1983)
University of Oxford

Walter L. Brown (1984)
AT&T Bell Laboratories

John W. Cahn (1985)
National Bureau of Standards

Minko Balkanski (1986)
Université Pierre et Marie Curie

Sir Charles Frank (1987)
University of Bristol

Jacques Friedel (1988)
Université de Paris-Sud

John B. Goodenough (1989)
University of Texas-Austin

Robert W. Balluffi (1990)
Massachusetts Institute of Technology

Theodore H. Geballe (1991)
Stanford University

MRS Medal Recognizes an Exceptional Recent Achievement in Materials Research

Medals Subcommittee Chair John E.E. Baglin wants to know if a colleague's recent brilliant discovery has amazed you or if you are in awe of an excessively elegant piece of research you think will have a major impact on the progress of any materials-related field. If so, "Do something," he says, "for it is only through nominations originating from you that we will identify the most outstanding and creative materials researchers for recognition with the MRS Medal."

Nomination for the MRS Medal is open to scientists and engineers who have, in recent years, been responsible for a major advance in any materials-related field of research. The impact of their materials research on the relevant materials field will be a primary consideration in making the awards. (Two awards are planned to be presented at each MRS Fall Meeting.) The Medal may recognize such impact within a larger traditional field or in a more specialized or developing field. Preference will generally be given to nominations for work which has not previously received appropriate award recognition. Nominations remain under consideration for three years and may be updated by the nominator during that time.

Nominees need not be members of MRS, and nominees of any national origin or citizenship are eligible. Current members of the MRS Awards Committee and

https://doi.org/10.1557/S0883769400040896 Published online by Cambridge University Press

MRS officers are not eligible. The selection of Medal winners must be approved by the Executive committee upon recommendation from the Awards Committee; the decision of the Executive Committee is final. Medals will not be awarded in absentia except in extraordinary circumstances; a Medal winner must receive his/her Medal in person at an MRS meeting within 12 months of selection. A Medal will normally be awarded to one individual for a cited achievement. If collaborators for a single achievement are each found to merit recognition on their own merits, then each may be regarded as a candidate for a Medal, and judged by the above criteria.

Besides an engraved and mounted Medal, awardees receive a $1,000 cash prize. Each Medalist will be invited to present a general-interest talk describing his/her work, to be featured within the structure of the meeting at which the Medal is awarded.

MRS Medalists

Arthur J. Freeman (1990), Northwestern University, "in recognition of his pioneering achievements in laying the foundations of the field of monolayer and low-dimensional magnetism and artificially layered magnetic materials."

Duward F. Shriver (1990), Northwestern University, "in recognition of his seminal work on the synthesis, characterization, understanding and application of polymer-based solid electrolyte materials."

Bernard S. Meyerson (1991), IBM T.J. Watson Research Center, "in recognition of his dynamic research leading to the fabrication of high-speed heterojunction transistors."

Shigeyuki Sōmiya (1991), Nishi Tokyo University, "in recognition of his innovation and energy in pioneering the field of hydrothermal synthesis of ceramic materials."

Turnbull Lectureship Will Share Scientific Insights

"The Turnbull Lectureship, although awarded in recognition of a distinguished career in fundamental materials science, differs from other MRS awards in that is explicitly aimed at exposing MRS audiences to lectures (and, through *Journal of Materials Research*, to corresponding articles) of exceptional quality and scientific significance," says Frans Spaepen, chair of the subcommittee overseeing this new MRS award.

This yearly award will recognize the career of a scientist who has made outstanding contributions to understanding materials phenomena and properties through research, writing, and lecturing, as exemplified by the life work of David Turnbull. The Lectureship will be also be a means for the recipient to share his/her insights through lectures and articles.

The Turnbull Lecturer will receive a $2,000 honorarium and a citation plaque. The award will include travel expenses to the MRS meeting at which the Turnbull Lecture is given, and will also include additional funds to enable the recipient to speak as the Turnbull Lecturer for MRS Sections and University Chapters.

Nominations for the Turnbull Lecturer may be made for scientists and engineers in all areas of materials science. The primary consideration in making the award is the nominee's career contribution to the fundamental understanding of materials phenomena and properties, through research, writing, and lecturing.

Nominees need not be members of MRS, and nominees of any national origin or citizenship are eligible. Current members of the MRS Awards Committee, MRS officers, and previous Turnbull Lecturers are not eligible. Selection of the Turnbull Lecturer must be approved by the MRS Executive Committee with recommendation from the Awards Committee. The decision of the Executive Committee is final. The Lectureship will not be awarded in absentia and must be given within 12 months of the selection at an MRS Fall Meeting. Nominations remain under consideration for three years and may be updated by the nominator during that time. □

MRS Awards Committee

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Goodman Turnbull Lectureship
James B. Roberto, Von Hippel
Award

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Richard Hall
A. Wayne Johnson
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Julia M. Phillips
Frans Spaepen
Kathleen C. Taylor
Michael M.J. Treacy
James B. Roberto (ex officio).

MRS
MATERIALS
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The MRS Awards Committee welcomes your comments and suggestions...

https://doi.org/10.1557/S0883769400040896 Published online by Cambridge University Press