



BRIMACOMBE CHALMERS, COHEN, AND ACTA SUBCOMMITTEE BYLAWS

Purpose Statement: According to the rules established for these awards, the committee will recommend to the TMS Honors & Professional Recognition Committee:

1. nominee(s) for the Brimacombe Medalist Award
2. a nominee for the Bruce Chalmers Award
3. a nominee for the Morris Cohen Award
4. a nominee for the Acta Materialia Gold Medal Award

Procedures: June thru September, this award committee will review nominations and make selections. The committee may propose one candidate each year for each award assigned except in the case of the Brimacombe Medalist Award, see award description for details. (Award(s) may be withheld any given year if none of the candidates is deemed deserving.) Nominations will remain in effect for three years provided they meets criteria for the award each year unless withdrawn by the Society, but additional nominations may be made annually. The committee chairperson shall present to the TMS Honors & Professional Recognition Committee the nominees of the various awards approved by this committee, together with appropriate and adequate support documentation. The results of committee deliberations shall be kept confidential until the award winners have been approved by the TMS BOD and notified by the TMS Awards Administrator. Awards are presented at the TMS Annual Meeting. See below for procedures of the Acta Materialia Gold Medal Award.

Structure: The subcommittee shall consist of a chairperson and six members. One member will be an active member from the SMD and one member from MPMD. Care should be exercised to keep adequate representation of industry, academia and the national laboratories in selecting the award committee members. No more than two members may be prior recipients of the awards. All members, including the chairperson, are to be appointed by the TMS Vice President. Except in special circumstances, the chair shall have already served on the subcommittee for two years. The subcommittee shall recommend subcommittee member candidates to replace those with expiring terms.

Term of Office:

Chair: 1 year

Members: 3 years

TMS views committee membership as a benefit and therefore requires that TMS committee members be TMS members in good standing. Membership on this committee should be kept confidential.

Meeting Schedule: The subcommittee shall meet at such times as deemed necessary to conduct its business in a timely and effective manner.

Financial Statement Financial arrangements and the operating budget of the subcommittee shall be subject to approval by the Executive Committee of the Board of Directors. In the event of either dissolution or merger of TMS, the funds earmarked or pledged for the awards shall revert to a special account of TMS to be held until such time that suitable arrangements for presentation of similar awards can be negotiated.

BRIMACOMBE MEDALIST

Award Description: This mid-career award recognizes individuals with (a) sustained excellence and achievement in business, technology, education, public policy, or science related to materials science and engineering, and (b) a record of continuing service to the profession. The award winners will be given a certificate and lapel pin. Winners of this award may be eligible for Acta Materialia Gold Medal, AIME Honorary Membership, Fellow, William Hume–Rothery, and IOM/Mehl.

Criteria: A candidate may not reach his/her 50th birthday by December 31 of the year in which the initial nomination is made. The candidate should be a current professional member of TMS, and have been a member for at least five continuous years. The intent is to recognize professionals in the middle portion of their career.

Nomination Format: The nomination for the award should consist of a completed nomination form and four pages using no smaller than 11-point type with at least 1-inch margins all around. The first page will be a résumé of the candidate, including date of birth, educational background, positions held, and other information describing the candidate. The second page will describe the most significant career achievements of the candidate; the quality of these achievements is more important than the quantity. The third page will describe the candidate's service to the profession; separate sections may describe service to TMS as distinct from other service activities. The fourth page will provide testimonials relating to the candidate's achievements and service to the profession.

Judging: Judging of the nominations will use a 100-point scale, of which 35 points will be allocated to service activities and 65 points to the candidate's career achievements. All subcommittee members will judge each nomination using this 100-point scale unless there is a conflict of interest in which case a subcommittee member may abstain from judging a particular nomination.

BRUCE CHALMERS AWARD

Criteria: (1) Must have an established record of research, publications, and/or patents in the field of materials processing. (2) Recognizes the quality and relevance of work that has had or is likely to have a significant and lasting impact on the development of the discipline. (3) May honor a single, significant achievement or a larger body of work.

Description: This award recognizes an individual who has made outstanding contributions to the science and/or technology of materials processing. Prior recipients of the award are not eligible, even if they have made significant new contributions after the award was first given. Life membership to TMS shall be awarded in September. Winners of this award may be eligible for Acta Materialia Gold Medal, AIME Honorary Membership, Fellow, William Hume-Rothery, and IOM/Mehl.

Requirements: Completed nomination form. Current biography or curriculum vitae with publication list. Minimum of two, maximum of five, letters of endorsement are required.

Financial Statement: Mobil Solar Energy Corporation, in recognition of its long association with Dr. Chalmers, has established an endowment fund for the Bruce Chalmers Award. In the event of dissolution or merger of TMS, the funds earmarked for this award shall revert to a special account of TMS to be held until such time that suitable arrangements for the presentation of a similar award can be negotiated.

MORRIS COHEN AWARD

Criteria: (1) Must have an established record of research, publications, and/or patents in the field of materials properties. (2) Recognizes the quality and relevance of work that has had or is likely to have a significant and lasting impact on the development of the discipline. (3) May honor a single, significant achievement or a larger body of work.

Description: This award recognizes an individual who has made outstanding contributions to the science and/or technology of materials properties. Prior recipients of the award are not eligible, even if they have made significant new contributions after the award was first given. Life membership to TMS shall be awarded in September. Winners of this award may be eligible for Acta Materialia Gold Medal, AIME Honorary Membership, Fellow, William Hume-Rothery, and IOM/Mehl.

Requirements: Completed nomination form. Current biography or curriculum vitae with publication list. Minimum of two, maximum of five, letters of endorsement are required.

ACTA MATERIALIA GOLD MEDAL AWARD

Procedures: After providing a nominee to the TMS Board of Directors for approval, TMS will then submit the nominee's name and documentation to the Secretary-Treasurer of Acta Materialia, Inc. who will report its awardee selection to their Board of Governors at their Materials Week meeting. If the TMS nominee is selected as the winner, the award will be presented the following year at a meeting selected by the nominating Society. The year designation of the award shall be the year of its presentation.

Criteria: A candidate for the TMS nomination for the Acta Materialia Gold Medal shall be chosen annually for his or her demonstrated ability and leadership in materials research. Publication of work in *Acta Materialia* or *Scripta Materialia* is not required, nor need the nominee be a resident or citizen of the nominating Society's country.

- a. A brief personal history or biographical sketch
- b. Reasons supporting the nomination, e.g. major consequences and impact of nominee's work
- c. List of publications

Description: The Acta Materialia Gold Medal was established by Acta Materialia, Inc. in 1973 as an international award to recognize leadership in materials research. Acta Materialia, Inc. represents 33 professional societies worldwide in publishing two international journals and in other activities supporting the materials profession. This award recognizes an outstanding contributor to materials science and consists of an engraved gold medal and certificate. This award is considered a pinnacle award.

Revised and approved by BOD May 24, 2017

Approved by BOD May 2, 2013

T: Exchange/Governance