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# Awards Committee

## 2023 Fall Awards

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### **OVERVIEW OF PROCESS**

Subcommittee members for each respective award reviewed nominee/applicant collateral. The subcommittees met via zoom meetings as scheduled to discuss all candidates and subsequently made the final selections for presentation to the MRS Board of Directors.

### **BOARD APPROVAL**

Motion from the MRS Board of Directors to approve the following 2023 Award Recipients was received on September 24, 2023, as follows:

**B:2023:11:** Moved that the Board of Directors approve the recommendation of the MRS Von Hippel Award Subcommittee that the **2023 Von Hippel Award** be presented to **Reshef Tenne, Weizmann Institute of Science**, *“For spearheading modern research on nano-2D materials through the discovery of nanotube- and fullerene-like inorganic layered compounds.”*

**B:2023:12:** Moved that the Board of Directors approve the recommendation of the MRS David Turnbull Lectureship Award Subcommittee that the **2023 David Turnbull Lectureship** be presented to **Mark Asta, University of California, Berkeley**, *“For seminal contributions to theory, computational modeling, and education on the structural, thermodynamic, and kinetic properties of phases, surfaces, and interfaces of materials.”*

**B:2023:13:** Moved that the Board of Directors approve the recommendation of the MRS Medal Award Subcommittee that the **2023 MRS Medal Award** be presented to **Delia Milliron, The University of Texas at Austin**, *“For the development of optically tunable metal oxide nanomaterials for applications such as energy-saving electrochromic windows.”*

**B:2023:14:** Moved that the Board of Directors approve the recommendation of the Materials Theory Award Subcommittee that the **2023 Materials Theory Award** be presented to **Chris Van de Walle, University of California, Santa Barbara**, *“For advances in development of rigorous ab initio methodologies for understanding point defects and their effect on light emission in wide-bandgap semiconductors.”*

**B:2023:15:** Moved that the Board of Directors approve the recommendation of the MRS Nelson “Buck” Robinson Science and Technology Award for Renewable Energy Subcommittee that the **2023 MRS Nelson “Buck” Robinson Science and Technology Award for Renewable Energy** be presented to **Qi Dong, University of Maryland**. (No citation is required for this award, per MRS policy.)

The following award is not approved by the Board of Directors, per MRS policy. This award recipient is selected by the subcommittee and the final approval completed by the Awards Committee Chair:

**The Kavli Foundation Early Career Lectureship in Materials Science Subcommittee** has selected the **2023 Kavli Foundation Early Career Lectureship in Materials Science Award** recipient as **Michael Saliba, University of Stuttgart**.

### **OTHER BUSINESS MATTERS:**

The following changes have been made for the following awards (Fall 2023 and Spring 2024 cycles)

- Removal of age barrier wording from awards.
- Added medical leave as an exception
- Consistent wording on exceptions within each policy

**Outstanding Early-Career Investigator:** To recognize outstanding, interdisciplinary scientific work in materials research by an early-career scientist or engineer who has contributed to the progress of materials research over a period of no more than 15 years. Exceptions may be made for an interruption in career progression due to family/medical leave or military service. Final determination on any exceptions will be at the discretion of the Outstanding Early-Career Award Subcommittee. The award recipient must also show exceptional promise as a developing leader in the materials area.

*Internal Note/Example:*

*To recognize outstanding, interdisciplinary scientific work in materials research by an early-career scientist or engineer who has contributed to the progress of materials research over a period of no more than 15 years after:*

- (1) completing bachelor's degree (or a position in industry), or,  
(2) upon the start of research-based graduate education*

**The Kavli Foundation Early Career Lectureship in Materials Science:** This award, sponsored by The Kavli Foundation, honors an early career scientist who has made a significant contribution to the science of materials through experimental and/or theoretical research. Exceptions may be made for an interruption in career progression due to family/medical leave or military service. Final determination on any exceptions will be at the discretion of the Award Subcommittee.

**MRS Nelson "Buck" Robinson Science And Technology Award For Renewable Energy:** Recognizes a student (bachelor's, master's or PhD), postdoc, or other early-career professional through five years following the highest degree attained, at the discretion of the subcommittee, for the development of novel sustainable solutions for the realization of renewable sources of energy. Exceptions may be made for an interruption in career progression due to family/medical leave or military service. Final determination on any exception will be at the discretion of the Nelson "Buck" Robinson Science and Technology Award Subcommittee.

**Mid-Career Researcher Award** – A recipient must have made exceptional advances in their career over a period of 15 to 27 years at the time of nomination. Exceptions may be made for an interruption in career progression due to family/leave or military service. The final determination on any exceptions will be at the discretion of the Mid-Career Researcher Award Subcommittee.

*Internal Note/Example:*

*15-27 years after the start of their first research-based position after graduation with undergraduate or graduate degrees.*

## **IN PROCESS/ONGOING**

**Graduate Student Awards** – 2024 Fall Meeting application submission requirements to be revised and will include:

- Remove the advisor’s letter of recommendation for the Graduate Student Award application requirements.
- One application per Advisor will be accepted.
- Description of research will be revised to include one seminal work.

More details to follow soon.

### **Awards Diversity efforts**

Suveen Mathaudhu will conduct a Webinar in February 2024 on creating successful awards nomination packages.

Suveen will create a perspectives MRS *Bulletin* article.

## **COMMITTEE ADMINISTRATION NOTES**

### **Awards Committee Chair:**

Suveen Mathaudhu will end his term as the Chair on 12/31/2023.

Incoming Chair, Lia Stanciu, Purdue University, will begin term on 1/1/2024.

Suveen will transition to an advisory role on 1/1/2024 – 12/31/2024.

## **UPCOMING AWARD CYCLES:**

AWARDS - DEADLINES FOR SUBMISSION:

The following 2024 Awards Nomination/Application Deadline Dates are confirmed:

<b>Spring Awards</b>	<b>Nomination Deadline</b>
<a href="#">Innovation in Materials Characterization Award</a>	August 1
<p>The Innovation in Materials Characterization Award was created to honor an outstanding advance in materials characterization that notably increases the knowledge of the structure; composition; <i>in situ</i> behavior under outside stimulus; electronic, mechanical or chemical behavior; or other characterization feature of materials.</p>	
<a href="#">Mid-Career Researcher Award</a>	August 1
<p>The Mid-Career Researcher Award recognizes exceptional achievements in materials research made by mid-career professionals.</p>	
<a href="#">MRS Impact Award</a>	August 1
<p>The MRS Impact Award honors outstanding individuals who have displayed excellence in areas of science communication, education, advancing diversity, mentoring, or community engagement, which reflect the Society's pursuit to advance materials science and technology to improve the quality of life.</p>	
<a href="#">Outstanding Early-Career Investigator Award</a>	August 1
<p>The Outstanding Early-Career Investigator Award recognizes outstanding, interdisciplinary scientific work in materials research by an early-career scientist or engineer.</p>	
<a href="#">MRS Postdoctoral Award</a>	August 1
<p>The MRS Postdoctoral Award recognizes postdoctoral scholars who are showing exceptional promise.</p>	
<a href="#">Graduate Student Awards</a>	November 1
<p>MRS Graduate Student Awards honor and encourage graduate students whose academic achievements and current materials research display a high level of excellence and distinction.</p>	
<a href="#">MRS Fellows</a>	August 1
<p>MRS seeks to recognize as MRS Fellow outstanding members whose sustained and distinguished contributions to the advancement of materials research are internationally recognized.</p>	

<b>Fall Awards</b>	<b>Nomination Deadline</b>
<a href="#">Von Hippel Award</a>	May 1
<p>The Von Hippel Award, the Materials Research Society's highest honor, recognizes those qualities most prized by materials scientists and engineers—brilliance and originality of intellect, combined with vision that transcends the boundaries of conventional scientific disciplines.</p>	
<a href="#">David Turnbull Lectureship</a>	May 1
<p>The David Turnbull Lectureship is awarded to recognize the career contribution of a scientist to fundamental understanding of the science of materials through experimental and/or theoretical research.</p>	
<a href="#">MRS Medal</a>	May 1
<p>The MRS Medal recognizes an exceptional achievement in materials research in the past ten years. A medal will be awarded for a major advance or cluster of closely related advances in any materials-related field of research.</p>	
<a href="#">Materials Theory Award</a>	May 1
<p>The Materials Theory Award recognizes exceptional advances made by materials theory to the fundamental understanding of the structure and behavior of materials.</p>	
<a href="#">The Kavli Foundation Early Career Lectureship in Materials Science</a>	May 1
<p>This honor recognizes significant novel contributions to materials science by an early-career researcher at the onset of his/her career.</p>	
<a href="#">MRS Nelson "Buck" Robinson Science and Technology Award for Renewable Energy</a>	May 1
<p>The MRS Nelson "Buck" Robinson Science and Technology Award for Renewable Energy recognizes a student, postdoc or other early-career professional for the development of novel sustainable solutions for the realization of renewable sources of energy.</p>	
<a href="#">Graduate Student Awards</a>	August 1
<p>MRS Graduate Student Awards honor and encourage graduate students whose academic achievements and current materials research display a high level of excellence and distinction.</p>	
<a href="#">MRS Woody White Service Award</a>	May 1
<p>The MRS Woody White Service Award is an award which recognizes a volunteer who has made extraordinary contributions of time and effort to the success of the society.</p>	