MAKING A MATERIAL DIFFERENCE

2021 ANNUAL REPORT

ASM MATERIALS EDUCATION FOUNDATION
Dear Friends,

Throughout 2021, we continued to hope for the best while preparing for any possibility. With that being said, the ASM Materials Education Foundation is proud of our accomplishments and another successful year of online programming. While we hoped to return to in-person programming in 2021, the continued uncertainty and many school and state regulations made us again pivot to online programming for our ASM Materials Camps. We are proud to say the online camps had great success and continued to achieve our mission amidst the uncertainty the pandemic brought.

A second year of online programming allowed us the opportunity to continue to offer our content to students and teachers across the United States and Canada. We sent out boxes to participants to allow them to participate from their homes or schools. We conducted 16 virtual Materials Camps® serving 100 students and 410 teachers, representing 39 U.S. states and Canada.

Our online programs also allowed us to improve the Materials Camps content further and develop more robust and creative opportunities for participants. As always, the goal was to continue to expand our outreach to as many teachers and students as possible and provide opportunities to those who may otherwise lack the resources to participate. Knowing that we would eventually return to in-person programming, we wanted to continue to reach teachers and students in new areas not served previously by the Foundation.

This year also afforded us the opportunity to develop plans to reach more students from underrepresented groups in materials science and engineering. As a result, the board and staff have begun more proactive efforts to reach varied groups of individuals to ensure we bring the most diverse and talented people into the STEM and materials fields.

As you review the work of the ASM Materials Education Foundation in 2021, please consider what we have been able to accomplish over the past two years of a pandemic. During this time, the board has committed to being good stewards of our donors’ money, and to be sure that we are living within our means during tough times.

We can only imagine what may be achieved as we move forward in the next few years. The need is great, our goals are broad, and we are always looking for support in meeting those goals. Please share any thoughts, questions, or insights you may have as we continue our mission in 2022.

Thank you for your continued support and dedication.
ASM Materials Education Foundation is proud to announce that the 2021 recipient of The George A. Roberts Award is Dr. Lyle H. Schwartz, FASM. In 2002, ASM Foundation Trustees recognized the need to annually honor an individual who has made a significant impact on our ability to reach students and teachers, in efforts to increase awareness of materials and applied science careers. Dr. Schwartz is an honorary lifetime ASM member and was an ASM Foundation Board member from 2005 – 2019. He has demonstrated significant and sustained efforts in support of educational outreach and continues to support the Foundation.

Dr. Schwartz has been a strong advocate for teaching materials science to children in both formal and informal settings. He also personally oversaw efforts to provide content across different teaching environments, particularly at science centers and museums. Schwartz continues to support the mission and work of the ASM Foundation.

GEORGE A. ROBERTS AWARD

PACESETTER AWARD

The Pacesetter Award was established in 2009 as an annual corporate award to honor organizations for continued service to the ASM Materials Education Foundation and to recognize their impact in supporting educational outreach efforts that encourage young people to pursue careers in materials science and engineering.

The 2021 winner of the Pacesetter Award is Honda, whose R&D facility in central Ohio in particular has been a supporter of the ASM Materials Education Foundation for almost 20 years. Their consistent support has been critical to funding the ASM Materials Camp for teachers in Columbus. Honda also recently began to expand their support to other Materials Camps that overlap their footprint.

KISHOR M. KULKARNI DISTINGUISHED TEACHER AWARD

The Kishor M. Kulkarni Distinguished High School Teacher Award was established through a generous donation by Dr. Kulkarni (past ASM Trustee) and his family to honor and recognize the accomplishments of a high school science teacher who has demonstrated a significant and sustained impact on pre-college age students.

The candidate must be a full or part-time actively employed high school teacher in the U.S. or Canada, and any ASM member may forward a qualified application/nomination for consideration.

Following the pandemic year (2020) when nominations for this award were put on hold, Dr. Kulkarni decided to grant two awards this year. Briana Richardson, Washington High School, Ohio, and Scott Spohler, Global Impact STEM Academy, Ohio.

“Scott and Briana are a remarkable team of Master Teachers who took the lead for our Advanced “Year 2” Teachers Camps both in-person in Ann Arbor in 2019 and virtually in 2020 and 2021.”

—Peg Jones, FASM
Trustee, ASM Materials Education Foundation
Volunteer, ASM Materials Camp

“I have had the privilege and good fortune to work with both Briana and Scott on numerous occasions. Their commitment and dedication to the teaching of others is inspiring. I have witnessed them interacting with students and teachers and it is obvious Scott and Briana are truly master teachers.”

—Debbie Goodwin
Senior Master Teacher
ASM Materials Camp®-Teachers
DONOR APPRECIATION EVENT

ASM Materials Education Foundation hosted its first Donor Appreciation Event in 2021. This exciting event featured two of our Master Teachers and showcased the hands-on, minds-on experiments just like our participants’ experience in ASM Materials Camp® for teachers and students. This informal celebration offered the chance to participate in an experiment from the comfort of each guest’s home. The supplies for the lab experiments were mailed to homes in advance so guests could participate in the virtual event. ASM Materials Education Foundation continues to host cultivation events. Please contact Carrie Wilson to learn more.

2021 HIGHLIGHT:
MATERIALS SCIENCE IN A VIRTUAL WORLD

Throughout 2021, the Foundation operated 16 virtual teacher camps, which included 12 year-one sessions, two advanced sessions, one K-5 teacher session, and one Teacher Institute. Financial support for teacher participants and Materials Camp instructors is provided by a wide range of institutions and corporations.

ASM MATERIALS CAMP® FOR TEACHERS PARTICIPANT QUOTE:

“I think it is amazing that you send resources that can be used in the classroom! Thank you so much. It is so refreshing to see how these concepts are applied in other districts, provinces, and countries! A great way to spend the summer!”

ASM MATERIALS CAMP® FOR STUDENTS PARTICIPANT QUOTE:

“This camp was a great opportunity to explore my interest in materials science. I was able to perform many fun experiments, gain an understanding of important materials science concepts and even learn about the career opportunities in the field.”

PILLAR SOCIETY

The Pillar Society represents the four pillars of the ASM Materials Education Foundation’s purpose:

Education • Knowledge • Leadership • Service

The Society recognizes and appreciates donors who have made end-of-life commitments to the Foundation during their lifetime. These ultimate gifts are greatly appreciated as they express the donor’s strong commitment to excite young people in materials, science, and engineering careers.

Do you want to leave a legacy for tomorrow’s youth and your own field? To become a member of this elite Society, simply contact the ASM Materials Education Foundation and provide a declaration of your intentions to remember the Foundation in your will or trust. Contact Carrie Wilson for more information.

Carrie Wilson
Executive Director
carrie.wilson@asminternational.org | 440.671.3828
9639 Kinsman Road | Materials Park, Ohio 44073 | asmfoundation.org
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* As of May 13, 2022

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# Financial Statements

## Statement of Financial Position (Pre-Audit)
**December 2021 & 2020**

### Assets

<table>
<thead>
<tr>
<th>Current Assets</th>
<th>2021</th>
<th>2020</th>
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<tbody>
<tr>
<td>Cash and Short-Term Investments</td>
<td>$265,947</td>
<td>$25,000</td>
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<tr>
<td>Pledge Receivables</td>
<td>$619,076</td>
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<td>Investments at Market Value</td>
<td>$15,764,812</td>
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<td>Other Assets</td>
<td>$103,310</td>
<td>$112,231</td>
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<td><strong>Total Assets</strong></td>
<td><strong>$16,756,145</strong></td>
<td><strong>$15,047,753</strong></td>
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### Liabilities

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<tr>
<th>Liabilities</th>
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<th>2020</th>
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<td>Current Liabilities</td>
<td>$28,576</td>
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<td>Long Term Liabilities</td>
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<td><strong>Total Liabilities</strong></td>
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<td><strong>$451,995</strong></td>
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### Net Assets

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<td>Unrestricted</td>
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<td>Restricted</td>
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<td>Temporary Restricted</td>
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<td>Permanently Restricted</td>
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<td>Board Designated</td>
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<td><strong>Total Net Assets</strong></td>
<td><strong>$16,655,846</strong></td>
<td><strong>$14,595,757</strong></td>
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</tbody>
</table>

| Total Liabilities and Net Assets | **$16,756,145** | **$15,047,752** |
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For over 65 years, the ASM Materials Education Foundation has been devoted to promoting materials science education and career opportunities to both students and teachers. The Foundation funds undergraduate scholarships and numerous educational outreach activities, supplies grants to teachers for classroom projects, and operates our signature program — ASM Materials Camp® for both students and teachers.

OUR MISSION

Develop and deploy materials science content and hands-on, minds-on instructional strategies to inspire, engage, and empower future generations to create STEM solutions for 21st century challenges.

WHAT WE DO

The ASM Materials Education Foundation provides the base knowledge in STEM to illuminate career pathways, which address the projected shortfall in materials science and engineering.

asmfoundation.org

9639 Kinsman Road | Materials Park, OH 44073 | 440.671.3800 | foundation@asminternational.org