

UMC Fall Meeting

October 4, 2026

Pittsburgh, PA

Fall 2026 meeting agenda

Sunday, October 4, 2026

12:00–5:00 p.m. Mill 19, Building A, Pittsburgh

12:00–12:45	Lunch & Networking Mill 19, Building A	2:15–2:30	Day of Materials Initiative Bryan Huey, Purdue University
12:45–1:00	Welcome & Call to Order Michael Kessler and Elizabeth Dickey	2:30–3:30	Short Break & Mill 19 Facilities Tour 10-minute break, followed by guided tour
1:00–2:00	Department Highlights: One-Minute Updates Moderated by Geoff Brennecka	3:30–4:50	Panel: Materials & Manufacturing The Federal Landscape Moderator: Elizabeth Dickey
2:00–2:15	UMC Business: Charter Amendment & Vote Geoff Brennecka and Michael Kessler	4:50–5:00	Looking Ahead & Adjourn Michael Kessler



Treasurer Report December 2026

Income	AY26-27**	AY25-26	AY24-25
Carryover from Prior Year(s)	\$ 96,997	\$ 91,699	\$ 94,528
Yearly Dues	\$ 9,900	\$ 23,400	\$ 24,000
Total Income	\$ 106,897	\$ 115,099	\$ 118,528
Expenses	AY26-27**	AY25-26	AY24-25
Academic Webpages (Website Development/Hosting)	\$ 275	\$ 275	\$ 7,250
Credit Card Fees	\$ 297	\$ 534	\$ 655
UMC Fall Meetings	\$ 4,375	\$ 6,778	\$ 12,207
UMC Spring Meetings		\$ 10,515	\$ 6,717
Total Expenses	\$ 4,947	\$ 18,102	\$ 26,829
Balance Forward/Current Balance	\$ 101,950	\$ 96,997	\$ 91,699
**Financials through September 30, 2026			

26/27 Dues - Thank you to those who have paid!

Auburn University	Stanford University
Binghamton University	The University of Texas at Dallas
Boise State University	University of Alabama
Boston University	University of Alabama at Birmingham
Brown University	University of CA, San Diego
Cal Poly State University	University of California, Santa Barbara
Carnegie Mellon University	University of Connecticut
Colorado School of Mines	University of Florida
Cornell University	University of Illinois
Duke University	University of Massachusetts Amherst
Johns Hopkins University	University of Minnesota
New Jersey Institute of Technology	University of Pittsburgh
Northwestern University	University of Southern California
Notre Dame	University of Texas at Arlington
Rice University	University of Wisconsin - Eau Claire
Rutgers University	University of Wisconsin-Madison
	Worcester Polytechnic Institute

Department Highlights

Proposed Charter Amendment (for vote)

The following language is proposed for addition to the UMC Charter to establish a defined process for amending the Charter. It is presented here as drafted by the Executive Committee and is subject to amendment from the floor.

Modifications to this Charter can be proposed by any member, officer, or committee at any time for consideration by the Council. Approval requires a simple majority of members participating in the vote, preferably conducted during a regular meeting of the UMC. The mechanics of such a vote (e.g., show of hands, electronic ballot, other) are at the discretion of the Chair of the meeting. If deemed necessary for expediency by the Executive Committee, votes can be conducted outside of regular meetings of the Council (e.g., via email or electronic form). In such cases, members must have a minimum of one week to submit their votes. A simple majority of votes cast by members is required for approval.

DAY OF MATERIALS

Bryan Huey



The Opportunity



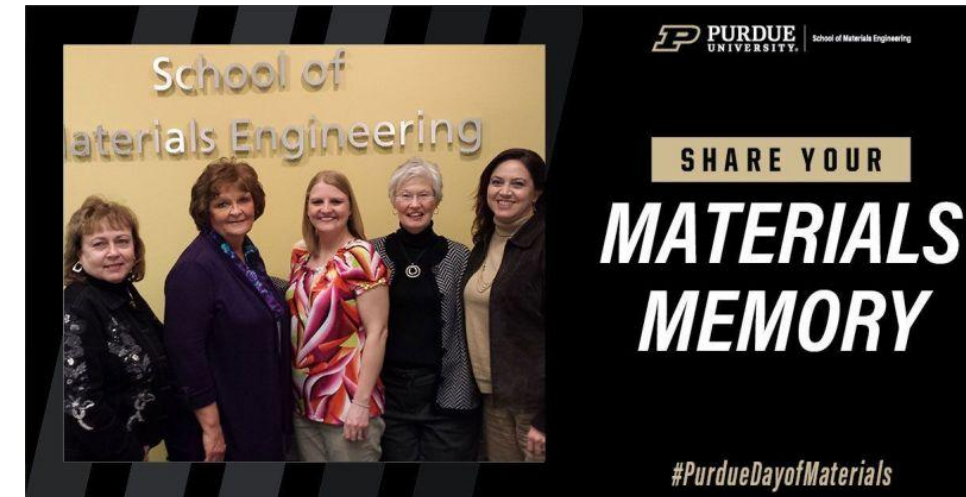
Purdue University School of Materials Engineering
5mo

Celebrate [#PurdueDayofMaterials](#) with MSE!

Coordinated annual event to:

- Showcase people behind materials innovation
- Inspire future students
- Highlight career pathways
- Celebrate materials research and industry impact
- Strengthen connections with alumni and industry

Proposed Date: *Last Tuesday of March (maybe Feb instead?)*



The Pilot Program

Participants included:

- Students
- Faculty & Staff
- Alumni

Content encouraged:

- Photos
- Videos
- Personal stories
- Favorite materials and processes
- Professional memories

Target audiences:

- Prospective students, families, teachers, counselors
- Alumni
- Industry partners



Purdue University School of Materials Engineering

6mo

...

Save the date: March 31.

Purdue MSE is launching the first annual Purdue Day of Materials — a celebration of the stories, achievements, and experiences that connect our community.

From favorite memories and research highlights to internships, projects, and career journeys, we want to showcase the many paths that begin in Materials Engineering.

We'll be sharing participation details soon.

[#PurdueDayofMaterials](#)

Participation Benefits – Day of, and Long

Beyond Recruiting

- *Show prospective students, their families, and secondary school educators what materials engineers do*

Industry Connections

- *Highlight employer partnerships and career outcomes*

Alumni Engagement

- *Generate meaningful alumni participation and content*

Public Visibility

- *Expand awareness of materials science and engineering*

Community Building

- *Connect **students**, **faculty**, **alumni**, and **professionals***



The Results

LinkedIn

- 50 Posts
- **Total Impressions:** 10,928
(*N plays/displays of content*)
- **Engagement:** 485
(*N active clicks after seeing it*)
- **Reactions:** 298



Purdue University School of Materials Engineering
3,965 followers
5mo •

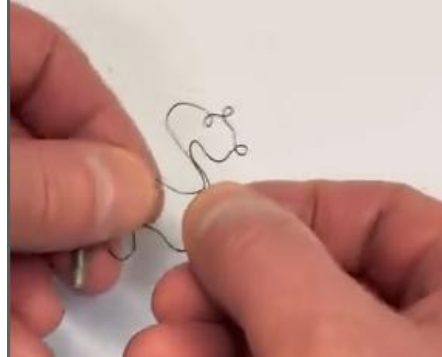
Celebrating [#PurdueDayofMaterials](#) with our partners at Cummins, Inc. in Columbus, Indiana! Great to see so many familiar MSE faces across the organization. The Purdue MSE community has a long, proud history with Cummins, and it's inspiring to see our alumni continuing to lead, innovate, and make an impact. Boiler Up to all the MSE grads representing Purdue so well!



1 repost

Facebook

- 50 Posts
- **Total Views:** 4,585
- **Engagement:** 192



Most Viewed Facebook Post:
Shape Memory Alloys in
Action Video - 1,239 views

Instagram

- 33 posts
- **Account Views:** 1,116



Most Viewed Instagram Post: Get to know MSE
Students: Han Burgess –
753 views

Website

- **4669 Events**
(*N users on website*)
- **First Visits:** 456
- **Page Views:**
523 -> 1.3k

MSE Leadership, 2007

Purdue University School of Materials Engineering

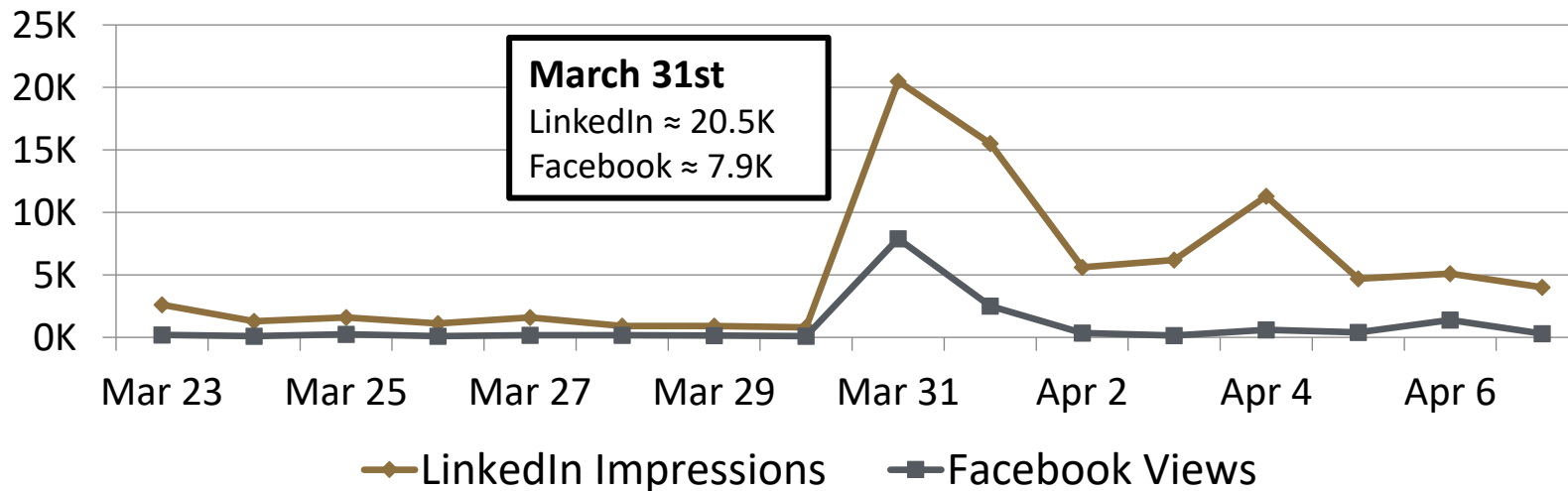
Pictured: G. Liedl, A. King, D. Bystrom, K. Bowman, M. Dayananda
Leadership continuity plays a key role in advancing materials engineering education and research.

[#PurdueDayofMaterials](#)



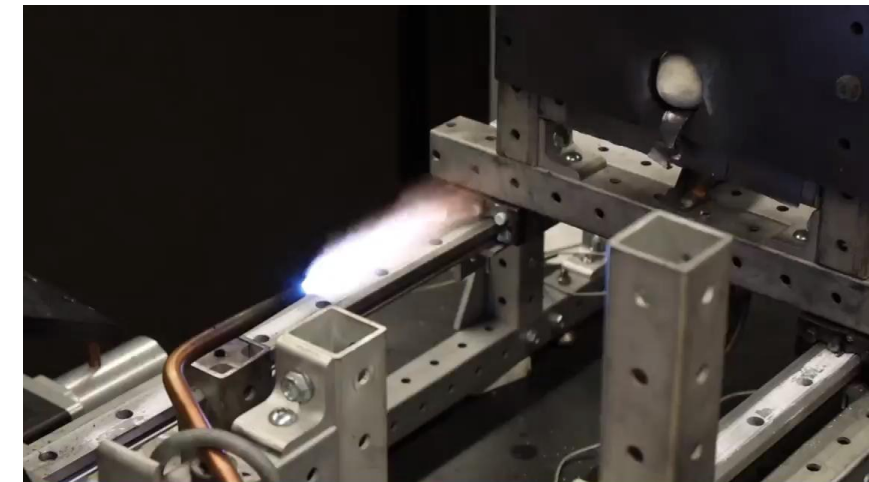
The Outcome

- 16,000+ campaign engagements
- Greater visibility for Materials Engineering
- More student-generated content
- Higher faculty participation
- **Strong alumni engagement**
- Positive support from college leadership



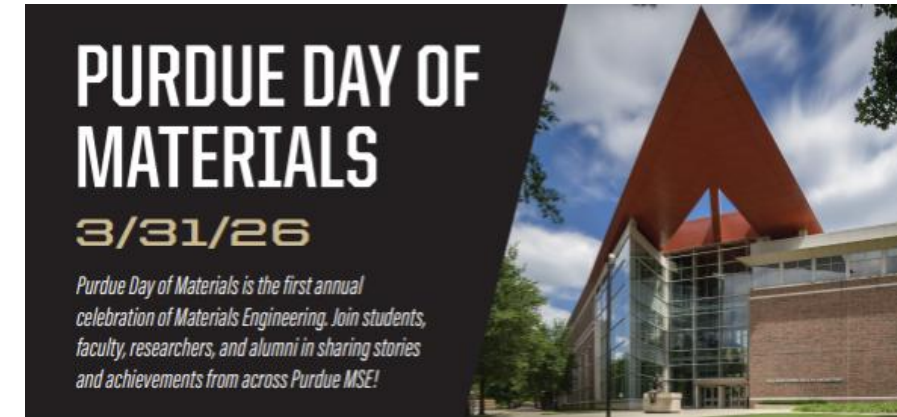
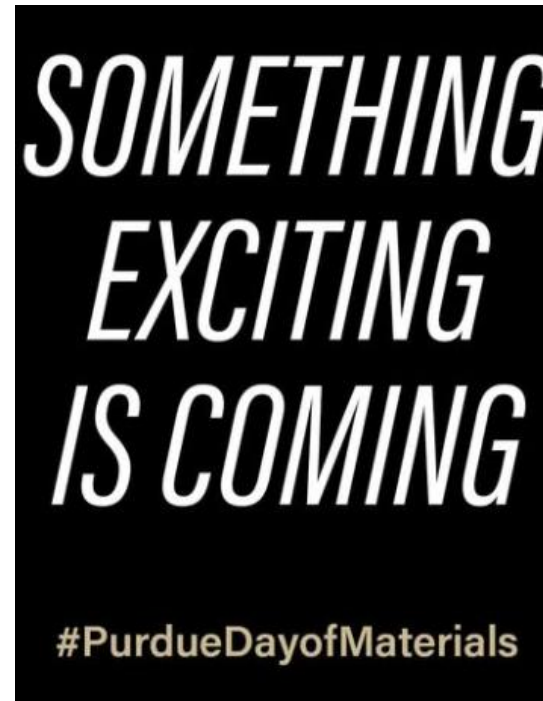
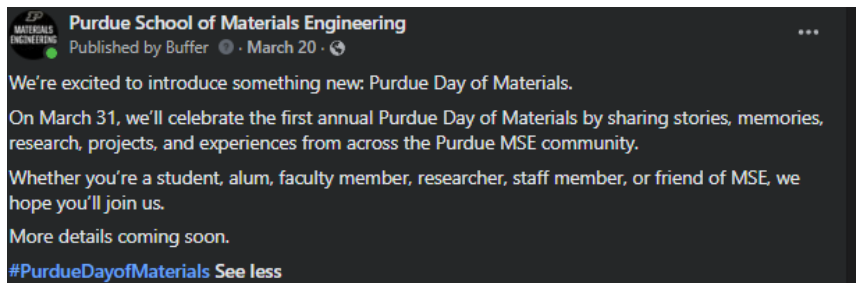
Period totals: LinkedIn — 83,555 impressions | Facebook — 14,034 views

LinkedIn reports impressions; Facebook reports views.



How it Started

- Created **#PurdueDayofMaterials**
- Social media teaser campaign
- Promotional flyer campaign
- Weekly event reminder emails
- Community-wide email outreach
- Qualtrics submission portal
- “pre-loaded” content for the day
- Curated and shared participant-provided content



HOW TO PARTICIPATE IN #PurdueDayofMaterials

We'd love for you to join the celebration on 3/31 by sharing your Purdue Materials story on LinkedIn, Facebook, or Instagram. Post a photo or video with a memory, project highlight, research experience, internship story, career update, or message about what materials engineering means to you.

Be sure to do two things:

1. Tag Purdue MSE (directions below)
2. Use #PurdueDayofMaterials

This helps us see your post and helps others follow the campaign too.

LINKEDIN

Type @ and begin entering Purdue University School of Materials Engineering, then select the official page from the dropdown list.

Tip: If the page name is clickable in your post, the tag worked.

LinkedIn example:

Tag @Purdue University School of Materials Engineering and include #PurdueDayofMaterials

FACEBOOK

Type @ and begin entering Purdue MSE, then select the official page from the dropdown list.

Tip: If the page name becomes clickable, the tag worked. Facebook tagging can sometimes be a little inconsistent, especially on mobile, so if the tag does not work, please still use the hashtag.

Facebook example:

Tag @Purdue MSE and include #PurdueDayofMaterials

INSTAGRAM

Tag @purdue.mse in your caption or on your photo/story and include #PurdueDayofMaterials in the caption.

Tip: For Stories, be sure to mention @purdue.mse directly so we can see and share it more easily.

Instagram example:

Tag @purdue.mse and include #PurdueDayofMaterials

QUESTIONS?

Please reach out to Sarah Anderson (andersons@purdue.edu) with any questions you have.

Want to participate without posting on your own social media?

E-mail mse@purdue.edu with a photo and a short message, and we'll share it on the MSE pages on your behalf. You can also fill out our short survey, and we'll take care of the rest.



Toolkit

WHAT PARTICIPANTS [will] DO

- Share photos and videos
- Tell materials stories
- Highlight people, projects, and discoveries
- Celebrate favorite materials experiences
- Use the official campaign hashtag

WHAT THE DEPARTMENT / SCHOOL PROVIDES:

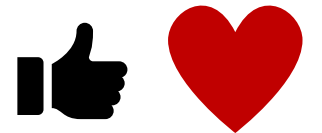
In advance:

- Branding and graphics
- Content submission form
- Sample posts and templates
- Communications timeline (prep, run of show)
- #DayofMaterials, and #DayofMaterialsUYou



Day of:

- Content curation and amplification
- Onsite hype, prizes?
- Alumni/industry champions?



Next steps

Long-Term Vision: Establish *Day of Materials* as THE annual celebration of materials

Year 1: Prove the Concept

Purdue University

- Launch the inaugural Day of Materials
- Develop the playbook, toolkit, and best practices
- Demonstrate impact through participation and engagement

Year 2: Expand the Network

Materials Programs

- Invite broader MSE program participation
- Share resources, content, and ideas across institutions
- Build a growing community around a common celebration

Year 3: Unite the Profession

Professional Partners

- MRS, TMS, ACerS, ASM, AIST, SPE, SAMPE, SFB, NACE, ASEE,
- Industry
- National Labs
- International partners
- Affiliate orgs: NSBE, SHPE, SWE, ...

**Sign up for more info (you or a colleague...),
and/or commit to connecting with other partners.**



Panel — Materials & Manufacturing: The Federal Landscape

- Huijuan Dai, Ph.D., M.B.A. — Program Manager, Next-Generation Materials and Processes, Advanced Materials and Manufacturing Technologies Office, U.S. Department of Energy
- Miriam Deutsch, Ph.D. — Section Head, Materials Research Section A, Directorate for Mathematical and Physical Sciences (MPS) U.S. National Science Foundation
- Sean P. Donegan, Ph.D., ST — Senior Scientist, Digital Advanced Materials, Air Force Research Laboratory (AFRL)
- James A. Warren, Ph.D. — Director, Materials Genome Program; Senior Strategist, Accelerated Materials R&D, Material Measurement Laboratory; Associate Director for Materials, CHIPS R&D Office, National Institute of Standards and Technology
- Z. Charles Ying, Ph.D. — Section Head, Materials Research Section A, Directorate for Mathematical and Physical Sciences (MPS) U.S. National Science Foundation

UNIVERSITY MATERIALS COUNCIL

Spring 2027

March 25–26

**Shaping the Future of Materials
Science and Engineering:**

A National Convening of the
University Materials Council

Supported by a Johns Hopkins Nexus Award



Washington, DC

Hopkins Bloomberg Center
Johns Hopkins University

umatcon.org

[https://forms.cloud
.microsoft/r/3vUrx7
qCvw](https://forms.cloud.microsoft/r/3vUrx7qCvw)

Topics for Policy Conversations with Key Players at UMC Spring Meeting in DC

