



The Cornerstone



Volume 22, Issue 4

February 19th, 2019

MI-Gamma

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Upcoming Events:

TBP Drop-In Tutoring
(2/20) 5:30-7pm @
1008 EECS & (2/24)
5:30-7pm @ 1003
EECS

Advanced Micro
Devices Info Session
(2/21) 5-7pm @ 1311
EECS

Yost Ice Skating
(2/21) 8:30-10pm

Announcements

Cub Scouts Day Volunteers Needed—Sunday, March 10th 10am-5pm

Cub Scouts Day allows local Cub Scouts to come to campus and earn their Engineering Adventure badge. We teach the scouts about material related to the practice of engineering in a fun environment through numerous activities, including an electronics module, a bridge module, a catapult module, and the most popular part: designing a landing craft for an egg drop. Check the Facebook event for more information: <http://bit.ly/2S9Yv11>

Undergraduate Research Symposium

- **Who:** Open to all undergraduates from all disciplines who are or have been involved in research at any stage (on-campus or off-campus).
- **What:** An opportunity for undergraduate researchers to showcase their work to peers and faculty members through poster presentations, attend workshops for writing abstracts (sign up: <http://bit.ly/2IIMma0>) and preparing posters (sign up: <http://bit.ly/2trr1S4>), and win travel awards that support costs associated with attending research conferences
- **When:** Friday, April 5th, 2019.
- **Where:** Chemistry Building Atrium on Central Campus.
- To officially **register** to present a poster at the symposium, please fill out the Google Form with your abstract by March 1st: <http://bit.ly/2NaJnzK>
Contact URS-Committee@umich.edu with questions.

MindSET Volunteers Needed—Saturday, Feb. 23rd 1pm-5pm

Join us for MindSET 3 in the DOW building We will be teaching a group of 4th and 5th grade students engineering concepts and walking them through a fun hands-on module! This week's module will be bottle rockets.

Merit Badge Day Volunteers Needed—Saturday, Feb. 23rd 9am-4pm

TBP actives and electees help 10-15 boy scouts in middle school and high school to earn up to four merit badges relating to engineering, computers, programming, and technology. Volunteers will ideally have a background in computer science or electrical engineering, as we will be discussing circuits and programming an arduino board. Volunteers MUST have completed Boy Scout youth protection training (YPT) and submitted their University of Michigan background check.

Three University Professors Elected to 2019 class of the National Academy of Engineering

Congratulations to IOE Professor Nadine Sarter, Anthony C. Lembke Department Chair of Chemical Engineering and ChE and MSE Professor Sharon Glotzer, and Robert J. Vlasic Dean of Engineering and Aero Professor Alec Gallimore for their election into NAE'S 2019 class! Election to the NAE is among the highest honors accorded in our profession. US membership in NAE comprises only 2297 individuals, including the 86 joining in this year's class. Nadine, Sharon, and Alec have demonstrated outstanding achievement throughout their careers. This supreme accomplishment is well deserved and epitomizes our CoE value of Leadership and Excellence.



Professor **Nadine Sarter** is a fellow of the Human Factors and Ergonomics Society. She is director of the Center for Ergonomics. Her main research interests include: human-automation/robot interaction, the design of tactile and multimodal interfaces, human error/error management, attention/interruption management, and the design of decision support systems.

Professor **Sharon Glotzer** is a member of the National Academy of Sciences and the American Academy of Arts and Sciences. Her research interests include: the ability to manipulate matter at the molecular, nanoparticle, and colloidal level to create "designer" structures; the fundamental principles of how nanoscale systems of building blocks self-assemble; and controlling the assembly process to engineer new materials.



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In addition to his role as dean of the College, Dean **Alec Gallimore** is the Richard F. and Eleanor A. Towner Professor of Engineering and an Arthur F. Thurnau Professor in the Department of Aerospace Engineering. His research is in the field of advanced electric propulsion. He is founder and director of the Plasmadynamics and Electric Propulsion Laboratory, which is developing the plasma drive system that ultimately may propel humans to Mars.

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1	9	7	3	4	5	2	6	8
7	2	3	5	8	1	9	4	6
9	1	6	7	3	4	8	2	5
8	4	5	2	9	6	3	1	7