IEM Annual Conference

Thanks to all who participated in IEM’s 10th Annual Conference on Tuesday, September 27 at McNamara Alumni Center! We fully expect that the Conference’s great presentations, discussions, and networking opportunities will bear fruit in the upcoming year. And since it’s never too early, Save the Date for 2023 IEM Annual Conference - Tuesday, September 26, 2023

North Star STEM Alliance Kickoff

The North Star STEM Alliance, Minnesota’s branch of a NSF program aimed at increasing the number of STEM degrees earned by minority undergraduates, held its 2022-2023 kickoff event at the McNamara Alumni Center on Friday, September 23. Guest speakers were six North Star alumni (five of them UMN graduates) - three professors (at Yale, UCLA, and Bucknell), one medical researcher (at Mayo Clinic), and two in industry (one at Delta Airlines and one at Seagen). IEM partly supports North Star STEM Alliance activities and operations.

TODAY! Medical Technology Commercialization Bootcamp and Happy Hour Kickoff

Monday, October 3, 1:00-4:30pm
Free to students, research scientists, faculty and medtech professionals. Join us for a half-day immersion in core concepts and resources for commercialization of biomedical and health care innovations. See here for more information.

New REVEAL Center Announced

As of Friday, September 23, IEM became the proud “parent” of another large research center. REVEAL, for “Research Evaluating Vagal Excitation and Anatomical Links”. The 3-year, $21M NIH-funded center aims to establish the effects of vagus nerve stimulation on cardiovascular, metabolic, immune, and autonomic nervous systems. REVEAL is led by IEM members John Osborn and Hubert Lim along with UMN professors Ziad Nahas, Lynn Eberly, and Sayeed Ikramuddin and Vaughn Macefield of the Baker Institute in Australia. The center will be housed under the umbrella of IEM’s Minnesota Consortium for Autonomic Neuromodulation, also led by John Osborn. Look for more details in the coming weeks from the Medical School, the College of Science and Engineering, and the IEM website.

IEM Member Highlights

Director Allison Hubel outlines the vision, courses, and events of UMN’s Technological Leadership Institute
Read the story here

Michael McAlpine and David Pearson develop a 3D-printed device to help people with lupus
Read the story here
Read the article here

Upcoming Events

Science & Engineering Innovation Commercialization Bootcamp
Thursday, October 6, 1:00-4:30 pm CDT
This is a half-day immersion in core concepts and resources for commercialization of research-based innovations. Topics: Identifying a Commercializable Solution, Product-Market Fit, Intellectual Property, Market Assessment, Commercialization Milestones and Regulatory Considerations, Academic Roles in Commercialization. Open to participants outside of the University of Minnesota. More information and registration here.

Science & Engineering Value Proposition Design Course
Fridays, October 14 - November 11, 11:00 am - 1:00 pm CDT
This four-module version of the regional Medical Jumpstart course emphasizes local expertise and resources. Completion can qualify academic teams for national I-Corps Teams. Hybrid in-person and online. Lunch provided to in-person attendees. More information and registration here.