IEM News

IEM Innovation Week 2022: 900+ participants!

“Innovation is a people-powered business.” That was the central message from Geoff Martha, Medtronic Chairman and CEO, who delivered the keynote address at this year’s Design of Medical Devices Conference (DMD), the largest Innovation Week event. See Geoff Martha’s LinkedIn post about his experience at DMD.

Over 900 participants—including 54 industry sponsors and several local media representatives—filled out DMD and four other Innovation Week gatherings: Minnesota Neuromodulation Symposium, IEM Career Mixer, Medical Devices Security 101, and the Innovation Workshop. Innovation Week’s other keynote speakers were:

• Billy Cohn, Vice President of Johnson & Johnson Medical Devices Companies
• Megan Frankowski, NIH Program Officer in the Division of Translational Research
• Grace Hwang, NSF Program Director
• Matthew Cooper, Chief Medical Officer at 3M Health Care
• Mehmet Toner, Professor, Center for Engineering in Medicine and Surgery, Massachusetts General Hospital

Read more here: 2022 IEM Innovation Week
Save the Date for the next IEM Innovation Week: April 17–22, 2023 at the Graduate Minneapolis!

MCAN launches its website

The Minnesota Consortium for Autonomic Neuromodulation (MCAN) recently launched its new website. The Consortium, which has been a part of IEM since it was founded in 2018, is pioneering neuromodulatory treatments for diseases related to the autonomic nervous system such as hypertension and diabetes. MCAN is led by Professor of Surgery John Osborn and currently boasts 25 investigators from the University and Mayo Clinic along with industry partners.

IEM-sponsored student team wins a global health award for best video

A team of graduate engineering and business students working on an IEM-supported project in the New Product Design and Business Development course won the High Impact Programs category of the CUGH-Pulitzer Center Global Health Video Competition, sponsored by the Consortium of Universities for Global Health. The students partnered with Dr. Rahel Nardos, Department of Obstetrics, Gynecology and Women’s Health, to develop an improved surgical instrument to be used for a pelvic procedure in low and middle income countries.

The video will be available on IEM’s YouTube channel soon.

Sai Ranjeet Narayanan receives 2022–2023 Interdisciplinary Doctoral Fellowship

The Graduate School announced that Sai Ranjeet Narayanan, a graduate student of IEM member Sou Yang (Mechanical Engineering), is a recipient of one of the 2022–2023 Interdisciplinary Doctoral Fellowships. The Fellowship provides a unique opportunity for outstanding Ph.D. students who are engaged in interdisciplinary research to study with faculty at one of the University’s interdisciplinary research centers or institutes during the fellowship year. Congratulations to Sai and Prof. Yang!

Read the story here.

IEM Member Highlights

Jerry Vitek leads a study demonstrating that deep brain stimulation safely treats Parkinson’s while reducing the need for medication

Read the story here

Xiang Cheng’s advances understanding of how bacteria swim in complex fluids

Read the story here

Zhi Yang leads a team that develops mind-controlled prosthetic hands

Read the story here

Casim Sarkar and Keshab Parhi elected to the 2022 Class of the AIMBE College of Fellows

Read about Casim Sarkar’s election here
Read about Keshab Parhi’s election here

Announcements

MnDRIVE Brain Conditions Announces 2022 Minnesota Neuroimaging Postdoctoral Fellowship Program

For postdocs interested in neuroimaging! And yes, that includes postdocs with specialties outside of neuroimaging. The MnDRIVE Brain Conditions postdoc fellowship provides two years of full support (salary, health insurance, travel, tuition, and more) for high-level, multi-disciplinary, innovative neuroimaging research at the University of Minnesota focused on developing new neuroimaging technologies. Use the links below for more information and application instructions.

Promotional Video
Descriptive Handout

Applications due June 15, 2022