IEM Highlights

IEM Innovation Week (April 17-21)

Thanks to all who made EIM Innovation Week a great success! We had more registrations, sponsors, and new ideas than ever before. Expect more of it in 2024!

IEM and CS&E host the Health and Medicine 9-8-9 Workshop

On Monday, May 1, more than one dozen CS&E and Medical School faculty and a handful of industry partners gathered in Walter Library to discuss “9-8-9” opportunities in CS&E related to health and medicine — that is, 9 or more research themes where CS&E is currently active and could offer new pathways to solutions. Twenty-two CS&E department heads, of which 9 total, from departments that focus on health and medicine, and where there is a figure investment potential in the research ($100M or a decade). The workshop, along with other 9-8-9 workshop proposals that are being developed, is helping lay the foundation for focused investment in research and technology development over the next decade.

IEM Member Highlights

Alexandro Bartolomucci discusses genetics and rank as factors in aging and lifespan in animals

Read the story here and the scientific article here

Rita Perlingeiro discusses clinical application of induced pluripotent stem cells in muscular dystrophy research

Read the report and watch the video here

Paul Laico leads an ongoing study of Minnesota’s black bears for clues about habitat and wildlife management

Read the story

Upcoming Events & Opportunities

Minnesota NeuroSpin Initiative Webinar - May 12

In the eighth seminar of the 2022-23 academic year, Dr. Zhi Yang, PhD, Associate Professor, University of Minnesota, will discuss his recent work in a neuroimaging study of the human brain and how these findings may enhance our understanding of the impact of depression on the control of prostatic cancer. Friday, May 12, 12:30 - 1:30. Register here and learn more about the Minnesota NeuroSpin Initiative here.

Hormel Institute Seminar - May 22

The Hormel Institute will host a hybrid seminar on “Dynamic regulation of human epithelial differentiation” on Monday, May 22, 3:30 - 5:30. The seminar will be led by Tiera M. Scott, Ph.D. of the European Molecular Biology Laboratory in Heidelberg, Germany. In-person attendees can join a cocktail hour immediately afterwards. Registration, Zoom link, and more information here.

Lillehei Heart Institute Lecture Series

Wednesday, 12:00 - 1:00pm, September to June

This LM Lecture Series showcases leading cardiac research taking place at UMN and universities and companies around the globe. No registration required. More info, login at UMN-L纤维素心 lectures or tune in to the e-webcast. More information here, including recordings of previous lectures.

UMN to offer new Data Science for Chemical Engineering and Materials Science master’s degree

In fall 2023, the University of Minnesota Twin Cities College of Science and Engineering will begin offering a new master’s degree in data science for chemical engineering and materials science to meet the growing industry demand for scientists and engineers with computational and data analysis skills. Information to apply can be found here.

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