News on IEM Member COVID-19 Efforts

Susan Arnold discusses benefits of double-masking for protection from COVID-19
KARE 11 Interview with Susan Arnold

IEM COVID-19 RESPONSE
Click here for more information

IEM Member Highlights

First-in-human Phase I glioblastoma clinical trial based in part on high-grade canine clinical trial conducted by G. Elizabeth Pluhar
U of M begins Phase I of first-in-human clinical trial for glioblastoma

Kumar Belani and Art Erdman author research on pediatric anesthesiology preoperative decision-support tool
Computer-generated three-dimensional airway models as a decision-support tool for preoperative evaluation and procedure-planning in pediatric anesthesiology

Gwen Fischer recognized by Minnesota Medicine as Physician Innovator
Minnesota Medicine Physician Innovators

Richard James is co-author of study on development of nanoscale metamaterials; Receives TechConnect Innovation Award
Researchers discover one-step process for creating materials with unique properties
Professor Richard James receives TechConnect Innovation Award
Announcements

ATP-Bio Research Experience for Undergraduates (REU) Program—Applications are open!
ATP-Bio is a National Science Foundation (NSF) Engineering Research Center (ERC) co-led by the University of Minnesota and Massachusetts General Hospital with academic partnerships at the University of California Berkeley and the University of California Riverside.

All engineering research in ATP-Bio is aimed at eliminating or mitigating the three enemies of biopreservation: ice formation, cryoprotective agent (CPA) toxicity, and slow and/or non-uniform rewarming.

Undergraduate students are invited to join ATP-Bio researchers for 10 weeks in the summer to engage in an authentic laboratory experience with a focus on advancements in biopreservation technologies. REUs will perform research and engage in seminars and workshops about the biopreservation field.

More information about the ATP-Bio REU Program and how to apply can be found here. Applications close March 1, 2021.

Registration for 2nd Annual Interdisciplinary Health Data Competition opens February 17th for graduate and professional degree-seeking students
We are ready to host University of Minnesota’s 2nd Annual Interdisciplinary Health Data Competition this spring semester. The Health Data Competition promotes interdisciplinary dialogue on how to use data to address current healthcare challenges. This year students will complete an exploratory analysis of COVID-19-related data to assess health disparities and community impact of COVID-19. Required datasets will be released during the competition Kick-Off event.