

Program for the IEM 10th Anniversary Symposium
Thursday, November 1, 2018. Atkinson Hall, UC San Diego

- 08:30-09:30 Welcome Remarks:
Chancellor Pradeep Khosla
Vice Chancellor Health Sciences David Brenner
Jacobs School of Engineering Dean Al Pisano
Associate Vice Chancellor of Research Miroslav Krstic
Overview of IEM: Shu Chien
- 09:30-10:00 Intermission
- 10:00-12:00 AM Session Moderator: Karen L. Christman, Department of Bioengineering and IEM Cardiac Biomedical Science and Engineering Center
- 10:00-10:20 David Krummen, Department of Medicine and IEM Cardiac Biomedical Science and Engineering Center: *Ablation Therapies for Ventricular Fibrillation*
- 10:20-10:40 Liangfang Zhang, Department of NanoEngineering and IEM Center for Cancer Engineering and Center for Nanomedicine in Engineering: *Discovery and Translation of Biomimetic Nanomedicine for Cancer Treatment*
- 10:40-11:00 Catriona Jamieson, Department of Medicine, Moores Cancer Center, Sanford Stem Cell Clinical Center, California Institute for Regenerative Medicine, and IEM: *Talking about a Revolution: The Evolution of the Editome in Pre-cancer and Cancer Stem Cells*
- 11:00-11:20 Sheng Zhong, Department of Bioengineering and IEM 4D Nucleome Hub: *The NIH Common Fund 4D Nucleome Consortium Organizational Hub at UC San Diego*
- 11:20-12:00 AM Panel Session
- 12:00-14:20 Lunch with Poster Sessions and Exhibits
- 14:20-16:30 PM Session Moderator: Alexander Norbash, Department of Radiology and IEM Center for Cardiovascular Biomedical Imaging
- 14:20-14:40 Maike Sander, Departments of Pediatrics and Cellular & Molecular Medicine, and IEM Center for Engineering in Diabetes: *Engineering-based Approaches for Therapeutic Discovery in Diabetes*
- 14:40-15:00 Quyen Nguyen, Departments of Pharmacology & Surgery and IEM Center for Advanced Neurological Engineering: *Color-coded Surgery - Intraoperative Molecular Navigation*
- 15:00-15:20 Joe Wang: Department of NanoEngineering and IEM Center for Mobile Health Systems: *Biosensors Go Wearables: Toward Labs on the Skin or in the Mouth*
- 15:20-15:30 Intermission

- 15:30-15:50 Todd P. Coleman, Department of Bioengineering and IEM Center for Perinatal Health: *Towards Modernizing Neonatal Monitoring and Care*
- 15:50-16:30 PM Panel Session
- 16:30-16:50 Closing Speech – Irwin Jacobs, Founding Chairman and CEO Emeritus, Qualcomm
- 16:50-18:30 Reception

The Institute of Engineering in Medicine is honored by the Proclamations from the County of San Diego and the City of San Diego designating November 1, 2018 as “UC San Diego Institute of Engineering in Medicine Day”.

The Institute of Engineering in Medicine acknowledges the generous donations from Dr. Gene Lay of BioLegend and from Vickers Venture Partner in honor of Dr. Shu Chien.