8:45 – 9:30 am  Registration.  Continental Breakfast, Posters, & Networking

9:30 – 9:40 am  Welcome and Introductions
Keith Stewart, Director, Center for Individualized Medicine, Mayo Clinic
Andreas Cangellaris, Provost, University of Illinois at Urbana-Champaign (UIUC)

9:40 – 10:10 am  Artificial Intelligence Overview – What Does it all Mean?
Ravi Iyer, Professor, Dept. of Electrical and Computer Engineering, UIUC

10:10 – 10:40 am  Keynote – Why Artificial Intelligence is Important to Medicine?
Andrew Limper, Associate Dean of Practice Transformation, Center for the Science of Healthcare Delivery, Mayo Clinic

Real World Success Stories of Artificial Intelligence in Medicine

10:40 – 11:05 am  Cardiology:  Left ventricular systolic function with electrocardiograms using machine deep learning.  Francisco Lopez-Jimenez; Itzhak Zachi Attia, Mayo Clinic


11:30 – 12:30 pm  LUNCH
Discovery Square - Chris Schad, Director of Business Development, Discovery Square
Medical Alley - Frank Jaskulke, Vice President, Intelligence, Medical Alley

12:30 – 12:45 pm  Remarks from Greg Gores, Executive Dean for Research, Mayo Clinic

Real World Success Stories of Artificial Intelligence in Medicine

12:45 – 1:10 pm  Neurology:  Spatial & Temporal Epileptic Seizure Forecasting
Gregory Worrell, Mayo Clinic; Yoga Varatharajah, UIUC

1:10 – 1:35 pm  Imaging: AI in Radiology - A disruptive force of change or technical fad?
Armando Manduca, Mayo Clinic

1:35 – 2:35 pm  Artificial Intelligence Technology Panel – Facilitator, Eric Klee, Mayo Clinic
Infosys – Venky Ananth; Numares AG – Philipp Pagel; Epic – James Hickman; UIUC – Mohammed El-Kebir, Sanmi Koyejo, Jian Peng

2:35 – 2:55 pm  BREAK

2:55 – 3:45 pm  Clinicians and Informaticians Panel – Facilitator, Kiaran McGee, Mayo Clinic
Mayo Clinic - Robert Diasio, James Ingle, Prashanthi Vemuri, Nicholas Chia

3:45 – 4:00 pm  Where do we go from here?
Ravi Iyer, UIUC

4:00 pm  Informal Round Table Discussions

Organizing Committee:  Richard Weinshilboum, MD (Mayo), Liewei Wang, MD, PhD (Mayo), Kiaran McGee, PhD, (Mayo), Konstantinos Lazaridis, MD (Mayo), Eric Klee, PhD (Mayo), Ravi Iyer, PhD (UIUC)

Sponsoring Organizations:  Center for Computational Biotechnology and Genomic Medicine (CCBGM), University of Illinois, Urbana – Champaign, Mayo Clinic – Center for Individualized Medicine, Center for Artificial Intelligence Driven Health Data Systems and Analytics (UIUC)