

Workshop

Artificial Intelligence in Medicine - The Future is Now

July 19, 2018

Mayo Civic Center – Room 112/113

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 Cangelaris, Provost, University of Illinois at Urbana-Champaign (UIUC)
9:40 – 10:10 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
10:10 – 10:40 am	Artificial Intelligence Overview – “What Does it all Mean?” Ravi Iyer, Professor, Dept. of Electrical and Computer Engineering, UIUC
	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
11:05 – 11:30 am	Psychiatry: Arjun Athreya, UIUC; with intro by Richard Weinshilbom, 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, Kieran 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 Weinshilbom, MD (Mayo), Liewei Wang, MD, PhD (Mayo), Kieran 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)

