

Mason Bioengineering Alliance Research Symposium

Monday, November 16, 2020

9:00 am - 12:15 pm

THEME 1: IMAGING AND IMAGE GUIDED SURGERY

	Speaker	Title	Company
9:00-9:10	Kevin Cleary	Biomedical Devices for Pediatric Surgical Innovation	Children's National Hospital
9:10-9:20	Stanley Fricke	The work of one medical physicist	Georgetown Medical Center
9:20-9:30	Peter Basser	Making the invisible visible with MRI	NIH NICHD
9:30-9:40	Irving Weinberg	Revolutionizing the Practice of Surgery with Image-guided Multifocal Treatment Using Autonomous Magnetic Particles	Weinberg Medical Physics
9:40-9:50	Berkman Sahiner	The Evolving Role of Machine Learning in Medical Imaging	FDA CDRH
9:50-10:00	Panel discussion: Research and Educational needs in Imaging and Image-Guided Surgery. Led by Kevin Cleary and Peter Basser		

THEME 2: CELLULAR AND MOLECULAR THERAPEUTICS AND BIO MANUFACTURING

	Speaker	Title	Company
10:00-10:10	Jeff Conroy	Adventures in Biomaterials Additive Manufacturing	Embody
10:10-10:20	Arthur Edge	AstraZeneca Response to COVID-19	AstraZeneca
10:20-10:30	Stephen Hoang	Computational Systems Biology in the Drug Discovery Pipeline.	Hemoshear
10:30-10:40	Erin Johnson	Biomanufacturing and opportunities at Merck	Merck
10:40-10:50	Neal Koller	Alphyn Biologics - Research to Product	Alphyn Biologics
10:50-11:00	Michael Tarlov	NIST Measurements and Standards for Biotherapeutics	NIST
11:00-11:10	Carolyn Wilson	Facilitating Development and Evaluation of Advanced Manufacturing Technologies of Biologics	FDA CBER
11:10-11:20	Panel discussion: Research and Educational needs in Cellular and Molecular Therapeutics and Biomanufacturing. Led by Michael Tarlov and Arthur Edge.		

THEME 3: ARTIFICIAL INTELLIGENCE , MACHINE LEARNING AND DIGITAL HEALTH

	Speaker	Title	Company
11:20-11:30	Jeff Arndt	Centauri Medical Imaging Projects	Centauri Corp
11:30-11:40	David Hamilton	Applied Research Experience with Machine Learning based Prediction	Intelligent Mission Consulting Services
11:40-11:50	Praduman Jain	Digital Health – Continuum of virtual health research and digital therapeutics	Vibrent Health
11:50-12:00	Charles Anamelechi	Non-traditional career opportunities	Deloitte
12:00-12:10	Panel discussion: Research and Educational needs in AI/ML and Digital Health. Led by Praduman Jain and David Hamilton.		

Carol McHugh is inviting you to a scheduled Zoom meeting.

Topic: Mason Bioengineering Alliance Research Symposium
Time: Nov 16, 2020 09:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

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