



# 2021 AI SUMMIT

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## Lecture Series Agenda

### JANUARY 13: STATE OF ARTIFICIAL INTELLIGENCE IN ULTRASOUND IMAGING

#### Plenary Session: Setting the Stage for AI & Ultrasound

**9:00 AM**

Welcome and Introduction  
*J. Brian Fowlkes, PhD, FAIUM*

**9:10 AM**

AI and US: Why Ultrasound  
and Why Now?  
*Anthony Samir, MD,  
MPH, FAIUM*

**9:40 AM**

AIUM Perspective on AI:  
Summit Goals  
*J. Brian Fowlkes, PhD, FAIUM*

**10:00 AM**

The Clinical Need for  
AI: Panel Discussion on  
Workflow Enhancements

**Panelists:**

*Helen Feltovich, MD, MS  
Judy Hung, MD  
Rachel Liu, MD, FACEP, FAIUM  
Mark Lockhart, MD,  
MPH, FAUM*

**10:20 AM**

Break

#### Getting Started With AI

*Session Chair: Michael Blaivas,  
MD, MBA, FAIUM, FACEP*

**10:40 AM**

Successful AI Teams: What Does  
a Successful Team Look Like?  
*Laura Brattain, PhD*

**11:00 AM**

Resourcing AI Development:  
Getting Started  
*Michael Blaivas, MD, MBA,  
FAIUM, FACEP*

**11:20 AM**

Ultrasound AI Regulation—  
The Framework  
*Brian Garra, MD, FAIUM*

**11:50 AM**

Questions and Comments

**12:30 PM**

Lunch Break

#### AI Opportunities: Technology

*Session Chair: Jeremy J.  
Dahl, PhD*

**1:15 PM**

AI-Enhanced Beamformation  
*Brett Byram, PhD*

**1:30 PM**

AI-Enabled US Signal Processing  
*Muyinatu (Bisi) Bell, PhD*

**1:45 PM**

AI-Enabled QUS  
*Vik Kumar, PhD  
Michael Oelze, PhD, FAIUM*

#### AI Opportunities: Education

*Session Chair: Richard A.  
Hoppmann, MD, FAIUM, FACP*

**2:00 PM**

AI-Guided Image Acquisition  
*Aris Papageorgiou, MD,  
FRCOG, FAIUM (hon)  
Alison Noble, PhD*

**2:20 PM**

Evaluating the Literature  
*Richard G. Barr, MD, PhD,  
FAIUM, FSRU, FACR*

**2:30 PM**

Questions and Comments

**2:45 PM**

Break

#### Accelerating AI in Medical Ultrasound

*Session Chair: Randy L.  
King, PhD*

**3:00 PM**

AI in US: the NIH Perspective  
*Kris Kandarpa, MD, PhD*

**3:20 PM**

Global Health Opportunities  
*Brian Garra, MD, FAIUM  
Helen Feltovich, MD, MS  
Kristin Destigter, MD, FACR*

**3:30 PM**

Introduction to Schmidt  
Science Fellows and Vision of  
Interdisciplinary Science

**3:45 PM**

AI: Impact on the Workforce  
*Jean Lea Spitz, MPH, CAE,  
RDMS, FAIUM, FSDMS*

**4:00 PM**

Getting Paid for AI  
*Wui Chong, MD, FRCR, FAIUM*

**4:20 PM**

Questions and Comments

All times are ET