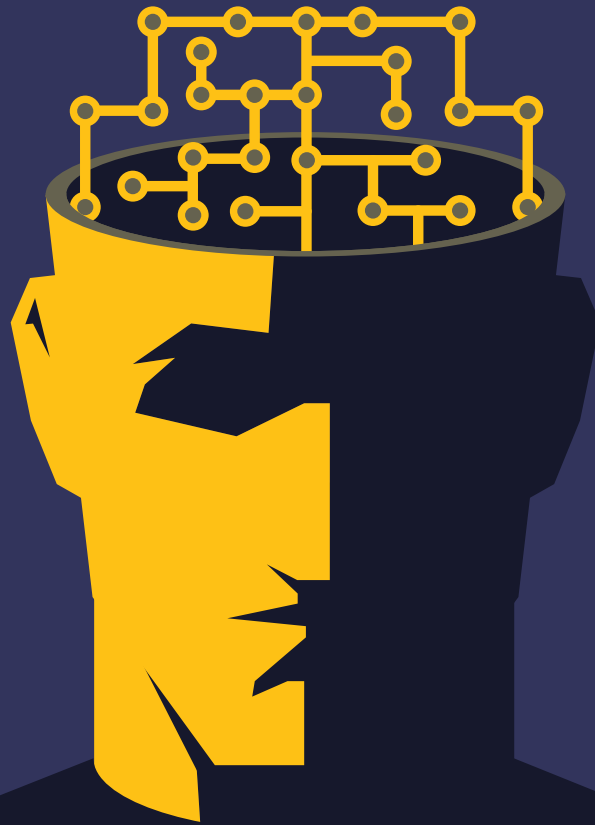# BIOETHICS, THE LAW, AND DATA-SHARING: AI IN RADIOLOGY

THE BOLD AIR SUMMIT

ORGANIZED BY:

NYU Langone Health
Department of Radiology

AND

Stanford University
Department of Radiology

APRIL 24, 2019

NYU Langone Health
Farkas Auditorium
550 First Avenue
New York, NY 10016

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THE
BOLD AIR
SUMMIT

Seeking clarity on the ethics and legal issues that surround data handling for AI in Radiology? Join us for this free, one day summit, bringing together bioethicists, legal experts and imaging experts to address these pressing questions.

Artificial intelligence is a paradigm shifting force across many fields including medical imaging. Radiology is one of the most data-rich medical subspecialties and leading academic and industry groups are already working to leverage this powerful tool to move our field forward. Research and implementation of AI in Radiology moves us into unchartered territories, raising new questions with regard to best practices for data handling.

We will hear from ethicists with regard to AI in the framework of ethical principles and privacy considerations. Law experts will discuss regulatory issues, how to handle intellectual property and more. Radiology stakeholders from diverse practice settings from academia to private practice as well as industry will voice their perspectives. Finally we will present and discuss two white papers currently under works-in-progress from the American College of Radiology (ACR) and Stanford University. We hope you'll be able to join!

This summit is organized by the Departments of Radiology at NYU Langone Health and Stanford University School of Medicine.

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PRESENTERS

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BIOETHICS, THE LAW, AND DATA-SHARING: AI IN RADIOLOGY

AGENDA Wednesday, April 24, 2019

7:30 am **Registration & Breakfast**

I. Welcome and Stage-Setting

8:00 am **Welcome**
Michael P. Recht, MD

8:10 am **Machine Learning in Imaging: BOLD AIR Horizons**
Yvonne W. Lui, MD

II. White Paper Presentation

Moderator—David B. Larson, MD, MBA

8:30 am **Presentation of Stanford White Paper**
David B. Larson, MD, MBA

8:50 am **Presentation of ACR-RSNA White Paper**
Raym Geis, MD

III. Bioethical Issues Related to Use of Data for AI in Imaging

Moderator—Arthur L. Caplan, PhD

9:10 **Competing Ethical Principles in AI and Health**
Jennifer E. Miller, PhD

9:30 **Who Owns and Controls Patient Data in the Age of AI?**
David Magnus, PhD

9:50 **Panel Q&A, Discussion**

10:20 **Coffee Break**

IV. Legal and Regulatory Issues

Moderator—David B. Larson, MD, MBA

10:40 **Legislative and Regulatory Issues Facing Imaging AI**
John Smith, JD MD

11:00 **Practical Legal and Regulatory Issues with Forming an AI Collaboration with Industry**
Julius Chapiro, MD

11:20 **Intellectual Property in the Age of AI**
Lee E. Taylor

11:40 **Panel Q&A, Discussion**

12:15 **Lunch on your own**

V. Needs and Modes of Collaboration: Views from Multiple Stakeholders

Moderator—Michael P. Recht, MD

1:30 pm **An Academic Radiology Chair's Perspective**
Thomas M. Grist, MD, FACR

1:50 pm **A Private Practice Perspective**
Shannon Werb

2:10 pm **The Perspective of the ACR Data Institute**
Keith J. Dreyer, DO, PhD

2:30 pm **AI and Healthcare: Necessary Collaborations for Success**
Kevin Lyman

2:50 pm **Panel Q&A, Discussion**

3:20 pm **Coffee Break**

VI. Summary & Discussion

Moderator—Daniel K. Sodickson, MD, PhD

3:40 pm **Recap of Key Points**
Daniel K. Sodickson, MD PhD

4:00 pm **Panel Discussion on Plans for the Future**
Session Moderators

5:00 pm **Adjourn**

LOCATION:
NYU Langone Health
Farkas Auditorium
550 First Avenue
New York, NY 10016

Meeting Registration

We are pleased to announce that meeting registration is complimentary! You may register on the BOLD AIR Summit 2019 website. **http://www.med.nyu.edu/courses/cme/bold19**

Questions: **michelle.koplik@nyulangone.org** or **212-263-3936**