Understanding Bias and Fairness in AI-enabled Healthcare Software

Virtual Public Meeting
December 17, 2021
11:00 am – 4:00 pm ET

Meeting Objective: This meeting will focus on considerations for bias and fairness in artificial intelligence used in health care. Speakers will highlight examples of bias, methods to test for bias, and finally speakers will conclude by featuring promising examples of artificial intelligence being used to help address bias in health care.

11:00 am Welcome and Overview

11:10 am Introduction: Artificial Intelligence in Health Care

11:20 am Session 1: How Bias Arises in AI Healthcare Software
Objective: Bias in artificial intelligence can stem from several different causes, such as underrepresented training data, otherwise biased training datasets, bias in how the model is created, and bias in how the AI is deployed. This session will feature presenters who will highlight how bias can arise in AI and specific examples where this has happened.

Presentations
Panel Discussion and Q&A

12:35 pm Break

1:05 pm Session 2: Methods of Testing for Bias Health Care AI
Objective: In this session, panelists will continue the discussion on ways in which artificial intelligence can be biased and what methods of testing are available to detect bias in AI.

Panel Discussion and Q&A

2:00 pm Break (10 min)

2:10 pm Session 3: Utilizing AI to Reduce Bias and Injustice in Health Care
Objective: In this session, speakers will highlight promising examples of artificial intelligence being developed to mitigate bias and reduce injustice in health care. Speakers may also comment on future considerations for uptake and implementation of these technologies.
Presentations

Panel Discussion and Q&A

3:20 pm Federal Agency Roundtable

Objective: In this session, a panel of regulators will react to the day’s discussion. Speakers may also comment on the direction for the future of AI regulation and current agency initiatives on AI in health care.

Panel Discussion

3:50 pm Closing Remarks and Adjournment

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