Child Study Center Grand Rounds

*Presented by*

Yale School of Medicine’s Department of Child Study Center

**"The potential of using Machine Learning (ML) to collect and use Social Determinants of Health (SDOH) Information to Improve Health Equity"**

**Charles Senteio**

Assistant Professor, Rutgers School of Communication and Information, Department of Library and Information Science

Visiting Assistant Professor, MIT MLK Visiting Scholar, MIT Sloan School of Management

**Date: March 23, 2021 @ 1:00**

**Virtual Talk**

[**https://zoom.us/j/97271063445?pwd=V3NqbkVPVnAwYTZidWVWaEFML2xNUT09**](https://zoom.us/j/97271063445?pwd=V3NqbkVPVnAwYTZidWVWaEFML2xNUT09)

**Course Director: Andres Martin, MD, MPH**

***There is no corporate support for this activity***

This course will fulfill the licensure requirement set forth by the State of Connecticut

**ACCREDITATION**

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**TARGET AUDIENCE**

Trainees in child psychiatry, psychology, and social work, faculty, clinicians, scientists

**LEARNING OBJECTIVES**

At the conclusion of this activity, participants will be able to:

* Describe how ML is currently being used to assign risk profile for patients who experience barriers to care
* Identify gaps in pathways for how patient perceptions of providers (e.g., trustworthiness) may influence health behavior
* Outline future directions in collecting and using health information to improve equity

**NEEDS ASSESSMENT**

Attendees will gain experience in understanding Machine Learning (ML) applications to improve equity and will be able to describe innovative informatics research to understand the effect of perceptions on health behavior.

**DESIGNATION STATEMENT**

The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

**FACULTY DISCLOSURES**

Charles Senteio: NONE

Andres Martin: NONE

It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationship(s) they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs.