

Quantitative Approaches to Social Justice

11:30 Friday March 12

<https://njit.webex.com/njit/j.php?MTID=mf9b756745815bb86ca156101566e2b53>

Abstract: Civil rights leader, educator, and investigative journalist Ida B. Wells said that "the way to right wrongs is to shine the light of truth upon them." This talk will demonstrate how quantitative and computational approaches can shine a light on social injustices and help build solutions to remedy them. We will present quantitative social justice projects on topics ranging from diversity in art museums to equity in criminal sentencing to affirmative action, health care access, and other fields. The tools engaged include data mining, crowdsourcing, data cleaning, clustering, hypothesis testing, statistical modeling, Markov chains, data visualization, and more.

Speaker

Chad

Topaz

Professor

Mathematics

Williams

College