



Colloquium Series



Mathematical Models in the Sociological Imagination

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Abstract: This talk presents an abstract study of mathematical and statistical modeling using methods from mathematical sociology that are rooted in the ideas of the sociological imagination and the racial contract. The sociological imagination allows us to see how social systems interact and influence each other, and the racial contract considers ways we might develop community-centered interpretations of mathematical models for justice. This talk will discuss models of neighborhood composition, land ownership, and gentrification. This talk is math friendly and open to all regardless of their mathematical background.

Keywords: modeling, teaching mathematics for social justice, mathematical sociology

Wednesday March 10, 1:05 – 1:50pm