MOON DUCHIN
Tufts University

How We Divide Ourselves Up To Vote, and Why It Matters
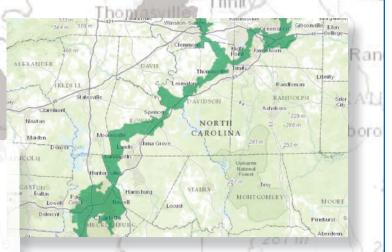

Photo courtesy of Tufts University

Saturday, March 14 | 5:15 PM
Chemistry Auditorium (Chemistry 402)
University of Virginia | *Reception to follow*

Mathematics has found a fruitful application in electoral redistricting. In this lecture, Duchin will discuss some surprisingly simple questions about graphs and geometry that lie at the heart of the significant intervention that mathematicians are currently making in politics and civil rights.

Moon Duchin is an associate professor of mathematics at Tufts University and serves as director of the Tufts' interdisciplinary Science, Technology, and Society Program. She was named an AMS Fellow for her work in geometric group theory and for her service to the mathematical community and is one of the leaders of the Metric Geometry and Gerrymandering Group—a project that focuses mathematical attention on issues of electoral redistricting. Duchin has also worked and lectured on issues in the history, philosophy, and cultural studies of math and science, such as the role of intuition and the nature and impact of ideas about genius, and is involved in a range of educational projects in mathematics.

Dan Addison/UVA University Communications

The Einstein Lecture is part of the 2020 AMS Spring Southeastern Sectional Meeting (March 13–15) at the University of Virginia in Charlottesville, Virginia.

Kate Awtrey, Atlanta Convention Photography

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Sectional details:
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