

Measuring gerrymandering: a data analysis project

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Presenting with: **Quinn Basewitz, Katie Knox, Corinne Mulvey**



Dr. Diana Davis

In the United States, *gerrymandering* is the practice of drawing political district boundaries in a way that advantages one group over another. Many people have tried and failed to define a metric to convincingly prove that a districting plan is designed in a biased way, but a recent method using random walks is very promising.

We'll talk about work that a group of 40 undergraduates (including Quinn and Katie) did with Diana in summer 2020, to do the background data work necessary to measure gerrymandering, and some work that Corinne has done on the graph theory algorithms behind the random walks.

Friday, April 16 2021

2-3p.m. PDT

Zoom Meeting ID: 823 8550 9211

Zoom Passcode: CSUSB_Math

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