

# Colloquium Announcement



The [Department of Mathematics](#) and [Faculty Development](#) at [Knox College](#) is proud to welcome Knox College faculty

## Ole J. Forsberg

Assistant Professor in the Department of Mathematics. The title of his talk is

### Improving Electoral Estimates: Leveraging Available Information



The United States elects its president with the Electoral College, a body of individuals elected by each state by the people of that state. This leads to some interesting results, especially when the national popular vote does not align with that of the Electoral College. Most tracking polls available to the people focus solely on the national vote, letting us know who is ahead and by how much... but only at the national level. It is the state vote that counts, however.

In this talk, I briefly explain my polling model in which I use a modified hierarchical time series model to estimate candidate support at the state level, thus allowing us to estimate the winner of the Electoral College over time. The results of the model align nicely with past elections. The model also allows us to discuss changes in support level over time and the likelihood of a Trump victory in 2020.

**Where:** Zoom Room

<https://knox-edu.zoom.us/j/87282314942?pwd=TStMejNUTmsvNFlixZ2daT2xwdElzZz09>

**When:** Friday, October 30, 2020  
4:00 – 5:00 pm

Typically, there is a get-together before the presentation to get to know the presenter and to eat. However, because of CoViD-19, this will be absent. While we are not able to gather for our normal libations, please feel free to raid the kitchen before jumping onto this Zoom call.

I look forward to seeing you on Friday.