Allegheny Mountain Colloquium Colloquium College

Speaker: Dr. Kim Roth (Juniata College) **Date**: 15 March 2021, 4:00PM–5:00PM

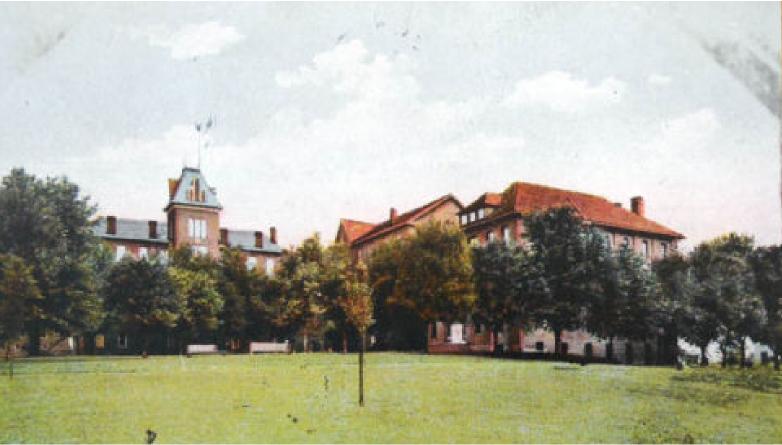
Zoom link: https://bit.ly/3ugwPfj

Title: Seeing the forest for the trees: Random Forests

and Predicting Fracking

When you have thousands of variables that you can select from to describe and predict whether active fracking is occurring, how do you choose? Random forests are a learning method that uses an ensemble of decision trees to build a predictive model. We'll discuss how to make a random forest and how we used one to tell what measures from the microbiome and the sample site best predicted active fracking status.





Speaker's webpage: https://karoth.github.io/

http://sections.maa.org/allegheny/colloquium/