

1163-A1-1196 **Jessica Oehrlein*** (jessica.oehrlein@columbia.edu). *Mathematics Research-Like Experience in a Discrete Structures Course for Computer Science Students.*

In a graph theory and algorithms course for computer science first years and sophomores, one option for a course project was a guided research-like experience in graph theory. Students explored properties of a family of graphs by building examples, proving or providing counterexamples to given statements, developing their own conjectures, and extending to a broader set of graph families. I will describe the project, what went well, what feedback students gave, and what I would change in the future. (Received September 15, 2020)