

1125-05-2785      **Dewey Taylor\*** ([dtaylor2@vcu.edu](mailto:dtaylor2@vcu.edu)). *Undergraduate research projects in graph theory.*

Graph theory is an area of mathematics rich with open and solvable research problems that require only minimal background knowledge. Even freshmen and sophomores can often begin working on open questions without having a formal course in graph theory. In particular, this is true for the theory of associative graph products. This talk will provide examples of past successful undergraduate research projects as well as highlight several open problems involving graph products. (Received September 20, 2016)