

1106-K1-241      **Jordan Schettler\*** ([jcs@math.ucsb.edu](mailto:jcs@math.ucsb.edu)). *Ramanujan and the Icosahedron: A Research Experience with Many Faces.*

In the winter and spring quarters of 2013, I led a group of five undergraduate math majors in discovering the deep connection between some famous continued fraction identities of Ramanujan and the Platonic solid with twenty faces. The content was multifaceted: historical, combinatorial, algebraic, geometric, and complex analytic. I will discuss how the project was conceived, finding students, the organizational challenges involved, and the outcomes. (Received August 13, 2014)