

1106-N1-1806 **Samuel Cook*** (scook25@uaa.alaska.edu) and **Nicole Seaders**
(seadersn@math.oregonstate.edu). *To Each Their Own: A Semester Project Emphasizing
Continuous Conceptual Involvement and Inquiry.*

The project described below arose from an attempt to find a way to give students some ownership over their learning, involve them at every step, and infuse them with the joy and challenge of discovery and research. Students are assigned individual objects to study throughout the term, using the techniques presented in class as the tools of their discovery. Students learn to ask and explore mathematical questions about their individual object and investigate questions of personal interest. Solutions to problems encountered in initial trials of the project are discussed. (Received September 15, 2014)