

1125-N5-1547 **Kristin A. Camenga*** (camenga@juniata.edu), Juniata College, 1700 Moore Street,
Huntingdon, PA 16652. *Harnessing student interest to present applications of Complex
Analysis*. Preliminary report.

Complex Analysis is full of interesting applications that can excite student interest, but there is far more than can be included in a one semester course. As a first time teacher of Complex Analysis, I tried to help students explore applications by having students present individual projects that were closely connected to the content sequence and share smaller applications and solutions to problems throughout the semester, included in their grade as “personal initiative points.” It was also my intent that this encourage upper level mathematics students to become more independent learners of mathematics. This presentation will report successes and challenges as well as any changes intended for the future. (Received September 17, 2016)