

1135-M5-2254      **Edward Hanson\*** ([hansone@newpaltz.edu](mailto:hansone@newpaltz.edu)), Department of Mathematics, SUNY New Paltz, 1 Hawk Drive, New Paltz, NY 12561. *Motivating examples for teaching discrete mathematics*. Preliminary report.

This talk will be a survey of some examples designed to inspire undergraduate students to learn concepts in discrete mathematics as they cultivate new approaches to problem-solving. Our goal is to emphasize ideas that go beyond those commonly found in textbooks. (Received September 25, 2017)