

Undergraduate Research in Mathematics at Notre Dame

Thursday, May 1, 3:10-5:40

Room 127 Hayes-Healy

Five undergraduates will give talks based on their senior theses. The work represents different areas of mathematics, and the talks should be excellent. Everyone is urged to attend.

Here is the schedule of talks (the half hour time slot includes the talk and questions).

3:10-3:40: **Marianne Beyers**, “Portfolio decision in continuous time”
(Advised by A. Himonas and T. Cosimano)

3:40-4:10: **Adam Boochever**, “Evolutions and the Eisenbud-Mazur conjecture”
(Advised by C. Polini)

4:10-4:40: **Andrew Fanoe**, “On the De Rham theorem”
(Advised by L. Nicolaescu)

4:40-5:10: **Ben Fehrman**, “Morse theory with the aim of developing Bott’s
periodicity theorem”
(Advised by F. Connolly)

5:10-5:40: **Steve Mattis**, “Periodicity in one-dimensional dynamics”
(Advised by J. Diller)