# Mathematics Colloquium

## Frost Undergraduate Research Talks

Friday, December 1, 2017
4:10 – 5 p.m.
Building 53 Room 202

### Abstract

Seven Frost Research Fellows will share their Summer Project Research, both in progress and completed, with the department. The seven students will share on topics that represent all concentrations, and afterward will combine for a short question and answer panel. This event is intended both for faculty to hear about some of our students' research, and also (especially!) for students of all years to hear about summer research opportunities, benefits of applying for Frost Undergraduate Research Awards, and begin thinking about their own future work. Students in their first, second, and third years are strongly encouraged to attend!

*The titles and students presenting are:*

"Duality of Tropical Conics" presented by Sam Lindbloom, Cruz Godar, and Chad Collins. Their work was done under the guidance of Dr. Easton.

"Algebraic Thinking in Elementary Grades" presented by Lindsay Nolte, Julia Gladding, and Nicole Linman. Their work was done under the guidance of Dr. Champney.

"Composition Operators with Polynomial Preimage Growth" presented by Codi Barnett. This work was done under the guidance of Dr. Gu.