

1154-J5-1562      **Tamas Szabo\*** ([szabot@uww.edu](mailto:szabot@uww.edu)), 800 W Main St, Dept of Mathematics, Whitewater, WI 53190. *Meaningful content for high school teachers.*

Excerpts will be shared from a textbook in preparation, written for a two semester capstone mathematics course to connect the undergraduate curriculum to high school teaching. The book aims to connect different mathematical areas, and introduce new content that is useful for teachers but not covered in any other courses. The presented sample activities and problems from Discrete Mathematics, Geometry, and Number Theory are both challenging and motivating for future teachers. They can easily be integrated into standard content courses. (Received September 16, 2019)