

*UMW Department of Mathematics Announcement*

# **The Finite Simple Groups and My Research**

Presented by

**Matt Welz**

*University of Wisconsin – Stevens Point*

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140 Trinkle Hall**

**Abstract:** The Classification of Finite Simple Groups is one of the greatest achievements of 20th century mathematics. An immense undertaking, filling over 10,000 journal pages across hundreds of articles, the Classification provides a “periodic table” of the finite simple groups. The sometimes mysterious ramifications of this massive project extend not only to mathematics beyond group theory, but to theoretical physics and chemistry. In this talk I shall discuss various aspects of the finite simple groups, including the “Monster”, the largest of the “sporadic” simple groups, and how the Classification motivates my research.

*“Dr. Welz is a candidate for an open position in the department”*

