

1077-O1-2197 **Thomas C. Hull*** (thull@wne.edu). *Origami as Hands-on Math.*

Origami, the art of paper folding, has been used as an aid for teaching mathematics since at least the days of Fredrick Froebel in the 1800s. What is not as well-known is that origami can be used as a hands-on way to help students learn numerous aspects of the undergraduate math curriculum, including geometry, algebra, combinatorics, and even the skills of conjecture- and theorem-building. In this talk we will explore, hands-on, as many examples of using origami to do math as we can fit into the allotted time. (Received September 21, 2011)