Alice Chudnovsky* (achudn3@illinois.edu) and Anna Chlopecki. How To: Create a Community for Undergraduate Mathematicians.

This talk is based on the experience of the presidents and founders of the undergraduate mathematics club and the undergraduate AWM chapter at the University of Illinois at Urbana-Champaign. The UIUC campus has experienced a significant increase in undergraduate “social” activity participation over the past several years, due to the incorporation of multiple innovative initiatives. Such include an undergraduate-run seminar, a student-run freshman orientation, mental health/study habits workshops, incorporation of enthusiasm over extra curricular mathematical learning, etc. The overarching themes: creation of a virtual community/forum, regular inclusion of engaging and inspiring mathematical speakers, as well as regular social events that appeal to the academically-driven students. (Received September 25, 2018)