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David Goldberg* (goldberg@purdue.edu), Executive Director, Math Alliance, Department of Mathematics, Purdue University, 150 N. University Street, West Lafayette, IN 47907, and **Philip C Kutzko**. *Building a national mentoring community.*

The National Alliance for Doctoral Studies in the Mathematical Sciences (The Math Alliance) is focused on increasing the number and proportion of US PhDs awarded to underrepresented US minorities. The Alliance is a community of over 770 faculty mentors at over 280 campuses, and over 800 students. The Alliance started as a much smaller entity, involving only the three Iowa Regents universities, and four HBCUs (the NSF funded Alliance for the Production of African American PhDs in the Mathematical Sciences). The Math Alliance has grown organically, and until recently, mostly by word of mouth. One key to the Alliance's success has been its attention, at every stage, to building community. In this talk we'll describe the development of the Alliance community, and discuss how what we have learned can help others build communities in other settings. (Received July 18, 2018)