The Community Alliance for Mathematics (CAM) is a new collaborative endeavor with a mission of fostering nationwide engagement of students, teachers, and community members with mathematics as an active, creative, and living discipline that belongs to all. Our goals include: 1) working with local and regional leaders to build Mathematical Communities that serve as sustainable local ecosystems of mathematical activity; 2) facilitating communication, collaboration, and connections among partner organizations, mathematics professionals, and communities; 3) providing resources and training that support the creation of equitable, accessible, and inviting out-of-school spaces for doing mathematics; 4) encouraging underrepresented students, teachers, and community members to participate in these spaces; and 5) partnering with K-12 teachers to bridge the excitement of out-of-school mathematics into classrooms. We will provide an overview of CAM, focusing on how mathematics professionals can become engaged in this initiative at the local and national levels. (Received September 25, 2018)