

1154-97-1153      **Scott Annin\*** ([sannin@fullerton.edu](mailto:sannin@fullerton.edu)), 800 N. State College Blvd, Department of Mathematics, Fullerton, CA 92831, and **Anael Verdugo** ([averdugo@fullerton.edu](mailto:averdugo@fullerton.edu)), 800 N. State College Blvd., Department of Mathematics, Fullerton, CA 92831. *A Comprehensive Model for Preparing Underrepresented Students for Graduate Programs in Mathematics.*

Many enrichment programs for undergraduates in mathematics are aimed at providing high quality research experiences for students aspiring to enter graduate programs in the mathematical sciences (REUs, for example). The goal of our National Science Foundation program – Graduate Readiness and Access in Mathematics (GRAM) – is to provide a more comprehensive preparation program that includes several additional components. These components include rigorous content preparation, training for the general and subject mathematics GRE, training and development of problem solving skills, coaching and mentoring on professional presentation skills, training on time and stress management, assistance with graduate school applications and decisions, participation and attendance in a variety of professional conferences, and cultural and family support.

Our institution hosts a large population of underrepresented mathematics majors, from which we have mentored 18 GRAM Scholars since 2016. In this presentation, we will look at some of the outcomes from our project thus far, and we will share stories of the challenges and successes of our program. We hope that our experience in directing GRAM will be useful to others wishing to organize similar programs in the future. (Received September 13, 2019)