

1064-00-405

Aparna W. Higgins* (Aparna.Higgins@notes.udayton.edu), Department of Mathematics, University of Dayton, 300 College Park, Dayton, OH 45469-2316. *Contributions made by the Project NExT community to undergraduate mathematics education.*

Project NExT (New Experiences in Teaching) is a professional development program of the Mathematical Association of America, designed for new PhDs in the mathematical sciences who are interested in improving the teaching and learning of undergraduate mathematics. Seventy or so recent PhDs in mathematics are selected annually for participation in this year-long program that addresses the full range of faculty responsibilities in teaching, research and service. Members of a cohort of Project NExT Fellows benefit by networking with each other and with more experienced members of the profession through an electronic listserv. Project NExT Fellows are introduced to national issues, trends, challenges and opportunities in undergraduate mathematics education early in their careers. Now in its seventeenth year, Project NExT has helped integrate over one thousand two hundred faculty into the mathematics community. We will examine the impact that Project NExT Fellows have had in their departments and MAA Sections, and we will consider the influence that they are having as educators and administrators at their institutions and as officers of professional organizations in the mathematics community. (Received September 15, 2010)