1056-Z1-1986

Joy Moore* (moorej12@xavier.edu), Xavier University, Department of Mathematics & Computer Science, 3800 Victory Parkway Mail Location 4441, Cincinnati, OH 45207-4441, and Kenneth Simonson (simonskw@ucmail.uc.edu), University of Cincinnati, PO Box 210018, Cincinnati, OH 45221-0018. Over 20 Years of Success in the Emerging Ethnic Engineers Program at the University of Cincinnati.

In August of 2008, the Emerging Ethnic Engineers Program in the College of Engineering at the University of Cincinnati celebrated its 20th anniversary as a successful, comprehensive program that focuses on the recruitment, retention, academic success, professional development, and timely graduation of underrepresented ethnic minority students. The objectives of the program are accomplished through three interrelated phases: pre-college science and mathematics programs, first-year collegiate programs, and upper-division programs which include undergraduate research and professional development experiences. Mr. Kenneth Simonson, Director of Academics, and Dr. Joy Moore, Director of Cooperative Learning Calculus, will discuss aspects of the program that have enhanced the academic and professional development of undergraduate students. In particular, assessment results of the cooperative learning calculus program, evaluation of the summer bridge experience, recently developed partnerships with the College of Arts and Science, and long-standing business and industry partnerships will be highlighted. (Received September 22, 2009)