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James A Davis* (jdavis@richmond.edu), Department of Mathematics and Computer Science, University of Richmond, Richmond, VA 23173, and **Sarah Spence-Adams, Ken Smith, Nicholas Eugene** and **Sivaram Narayan**. *LURE-ing students at 4 different institutions: the science apprenticeship model applied to mathematics*. Preliminary report.

Science students are routinely recruited during their first semester post-high school and introduced slowly to scientific practices. Four schools, Central Michigan University, Coppin State University, Olin College, and the University of Richmond (and soon Sam Houston State University), have partnered to attempt to use this apprenticeship model in mathematics. We identified the first and second years in college as critical transition points for students, and we designed a two year research experience for these students including two summers and two academic years. We had 32 students and 9 faculty mentors participating in the summer of 2007 in our first summer. We will describe the model and report on some of our preliminary findings. (Received September 17, 2007)