

1014-Z1-1138

Cecelia Laurie* (claurie@bama.ua.edu), Tuscaloosa, AL, and **Cristina Gomez** and **Wei Shen Hsia**. *Engaging math faculty in teacher preparation.*

The process of preparing prospective teachers needs to engage experts in the content areas, usually housed at the College of Arts and Sciences. Most of the time, the College of Education and the College of Arts and Sciences do not work collaboratively in this process but both groups could bring to the table important insights for the successful preparation of teachers. At our institution a group of faculty from both colleges has been working for three years, redesigning courses, adapting materials, and engaging other faculty in this endeavor. With the support of MAA through the PMET program, we have sponsored two workshops for faculty at math departments in our and other local institutions. The main purpose is to have a dialogue among math faculty and math educators about courses for preservice elementary teachers. In addition, we want to get more faculty at our institution involved in teaching the courses and to provide us with feedback on the design of the courses. The workshops have similar structure. The topic and the relevant literature are presented in the morning, followed by a demonstration class with volunteer students from the teacher education program and a discussion of the lesson. In the afternoon, an open discussion with participation of school teachers takes place. (Received September 27, 2005)