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**Sayonita Ghosh Hajra\*** ([sayonita@math.utah.edu](mailto:sayonita@math.utah.edu)), Department of Mathematics, University of Utah, Salt Lake City, UT 84112, and **Natalie Hobson** ([natalielhf@gmail.com](mailto:natalielhf@gmail.com)), Department of Mathematics, University of Georgia, Athens, GA 30602. *Exploring students' preferences and performance in a cooperative mathematics classroom.*

We will discuss our experience with cooperative learning in a mathematics content course. Twenty undergraduate students from a southern public university participated in this study. The instructional method used in the classroom was cooperative learning. The goal of our study is to investigate the relationship between students' preferences and performance in this cooperative learning setting. Results show no significant difference in the comparison of students' preferences and performance. Based on this study, we provide suggestions in teaching mathematics content courses for prospective teachers in a cooperative learning setting. (Received September 16, 2014)