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Sherry L Hix* (slhix@northgeorgia.edu) and **Dianna J Spence**. *Using the Standards for Mathematical Practice from the Common Core to Develop Mathematical Habits of Mind in Pre-service Teachers on the College Campus and in Secondary Field Experiences*. Preliminary report.

We examine the Common Core Standards for Mathematical Practice in order to develop mathematical habits of mind in our undergraduate pre-service secondary mathematics teachers. To fulfill their required program of study, these students engage in a three-part iteration: They explore open mathematical tasks; they ascertain facets of the task itself that develop good mathematical practices; and they determine specific “teacher moves” intended to further develop good mathematical practices. This work takes place during two courses: Mathematics Methods & Materials and Mathematics Curriculum.

A field experience component is included with these courses. During this field experience, the pre-service secondary mathematics teachers must complete a similar three-part iteration for their observations of mathematical work that take place in the secondary school placement.

These practices help our pre-service secondary mathematics teachers enhance their own mathematical habits of mind, while also focusing on strategies to develop those habits in their students. (Received September 25, 2012)