

1116-J5-1813 **Vseta Coufal*** (coufal@gonzaga.edu), 502 E Boone Ave, Gonzaga U., Spokane, WA 99006.
Guided Inquiry in Calculus II. Preliminary report.

I have taught Calculus II (mainly integration and series) for many semesters. I became concerned that my students did not understand the material at a deep enough level and did not retain the skills I thought they had mastered as they moved through other courses. After much exploration and deliberation I decided that using something like the Process Oriented Guided Inquiry method might address my concerns. In short, students work through carefully crafted worksheets in highly structured groups. The worksheets are written so that the students really dig into the material, developing their own conceptual understanding as well as applying the concepts and gaining computational skill. The group structure helps them move efficiently and collaboratively through the worksheets. I will share examples of successful worksheets, give a preliminary report on my experiences and successes, and address the accessibility of this method for new faculty and novice IBL users. (Received September 21, 2015)