Sarah E. Geiger*, s.e.geiger@iup.edu, Eric T. MacCallum, e.t.maccallum@iup.edu, and Gayan Warahena Liyanage and Suzanne Z. Smedberg. Using Utility Theory for Academic Grouping of Students. Preliminary report.

Ever had a hard time trying to find a good project or study group? This paper discusses methodology used to pair students for projects or studying based on academic compatibility. Pairing is done through a graphical user interface with results determined via adaptable utility functions, based partially on existing research from popular dating sites. Discussion will include existing research, utility functions, coding, effectiveness of the method, and other potential applications of this method. (Received January 19, 2015)