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Using Personality Scores to Predict GPA

Erin Rae Long
Missouri University of Science and Technology

Donald Joseph Mueller
Missouri University of Science and Technology

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Erin Rae Long
Joint project with Donald Joseph Mueller

Department:	Psychology
Major:	Psychology/Engineering Management
Faculty Advisor(s):	Dr. James Martin
Advisor's Department:	Psychology
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Using Personality Scores to Predict GPA

The purpose of this study was to determine whether conscientiousness was a good predictor of academic performance in college. It was predicted that conscientiousness was indeed an effective measure of success in a college setting. A survey was administered to University of Missouri-Rolla students taking certain psychology courses. Conscientiousness, GPA, and Academic Adjustment of the students were acquired using self-report. The results showed that there was a high positive correlation between conscientiousness and the GPA reported. However, we also found that academic adjustment mediates the relationship between conscientiousness and GPA. The study does have limitations worth considering, such as the reliability of self-report, and the sample is not representative of the entire college population. Future research may be able to improve the predictability of the conscientiousness on academic success in a college setting.

Erin is a senior attending the University of Missouri-Rolla majoring in Psychology and Business & Management Systems. On campus, she was heavily involved in numerous student organizations and is now a research assistant for Dr. James Martin. Erin plans to pursue a career in social psychology.