

The Relationship between Personality Traits and Vocational Interests for College Students

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ABSTRACT

This study adopts stratified random sampling to choose juniors from the Departments of Computer Science and Information Engineering, Electrical Engineering, Physics, Mathematics, Chinese Literature, Foreign Languages and Literature, Social Work, Nursing, Business Administration, Law, Finance, and Accounting. We choose a total of six hundred and fifty-three students from twelve departments of nine universities to investigate the relationship between personality traits and vocational interests for university students. The results are as follow: 1. Personality traits : females have higher scores than males in Agreeableness and Conscientiousness and the university students of different departments have significant differences in Openness to experience and Conscientiousness. 2. Vocational interests : males prefer Realistic and (Investigative, but females prefer Artistic, Social, and Enterprising. Students from different departments prefer different vocational interests. The students of the science and engineering departments including Electrical Engineering, Computer Science and Information Engineering, Physics, and Mathematics prefer the vocational interests of their departments, but the students of the conventional departments including Accounting and Finance have lower preference in Conventional. 3. The relationship between personal traits and vocational interests : all Big Five domain factors are significantly related to at least one or more RIASEC types, but not all RIASEC scales are correlated with the Big Five. Especially the Realistic scale is not represented in the Big Five.

Keywords : personality trait ; vocational interest

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