In our study we continued to explore the relationship between personality and cell phone dependency (nomophobia) in a sample of participants from the Castleton community. Our literature review had suggested that the Big Five personality traits of conscientiousness and neuroticism would predict nomophobia. Previously we investigated this relationship at the level of traits. In our next study we intend to investigate how the facets of these two personality traits relate to nomophobia. We suspect that facets related to nomophobia will include: dutifulness, impulsivity, and anxiety. Specifically, we hypothesize that participants higher in dutifulness and impulsivity will be higher in nomophobia than participants low in dutifulness and impulsivity. We will also look at the relationship between the anxiety facet and nomophobia by conducting an experiment in an undergraduate psychology class, testing their anxiety levels with and without their cell phones. We hypothesize that participants will be more anxious without their cell phone, than with it.