The present research was designed to assess the relationship between an individuals’ level of religiosity and their responsiveness to sexual terms. One hundred and nineteen undergraduate students (ages 18-30) were tested using a lexical decision task (word versus non-word recognition) paired with a series of questions from the Religious Life Inventory (RLI) and the Balanced Inventory of Desired Responding (BIDR). Results regarding accuracy and response time to sexual target words paired with religious primes were collected and are currently being compared with individual’s intrinsic religiosity scores from the RLI. A correlation between religiosity and response times was hypothesized, such that participants with higher levels of intrinsic religiosity would show longer response times and lower levels of accuracy to sexual terminology.