Assessment in Green Chemistry Instruction (Faculty Mentor: Alexey Leontyev)

Research projects in the Leontyev group focus on assessment practices in organic chemistry, meta-analyses of various instructional interventions, and green chemistry education. We collected students' responses using several different assessment techniques. Assessment of these data can inform whether the intended learning outcomes were met. In this project, an REU student will gain experience with IRB and human subject protocols, analyzing, reporting, and interpreting data both from multiple-choice and opened-ended assessments.

Analysis of open-ended questions

Analysis of multiple-choice questions