Provide an example of the program’s most interesting or important assessment finding that demonstrates the program’s success associated with a program learning outcome.

We previously established that our program does not favor or disfavor students with any particular learning style, as assessed using the VARK instrument. Moreover, we also found a strong, linear correlation between American Chemical society National Standards and our comprehensive evaluations that used to give course grades. We were pleased that 100% of this year's graduating chemistry majors (a cohort of 4) met or exceeded expectations in all learning outcome areas based both on our course grades and on American Chemical Society standardized tests. In the standardized Organic Chemistry and the Physical (Quantum) exams, ALL of our students scored above the national average. For the former, 3/4 ranked in the 87 national percentile or above while for the latter exam half of the students scored in the 93rd or higher percentile.

Describe an assessment result that indicates an opportunity for improvement and identify the specific actions the program will take to improve student learning.

As the quality of the lab reports has continued to lag below expectations (in quality of both analyses and scientific writing), the department hired an upper division laboratory coordinator, for which one of her duties will be to work more closely with the students to improve their understanding of the theoretical background and of the fundamental aspects of the scientific writing process.