

Inquiry-Based Final Projects in the General Chemistry Laboratory

Lance S. Lund

Anoka-Ramsey Community College, Coon Rapids, Minnesota

For the past six years, students taking the Principles of Chemistry I and II sequence on the Coon Rapids campus of ARCC have been conducting laboratory projects during the last few weeks of each semester. During the first semester, students are given a choice of inquiry-based topics from which to select, and have 3-4 weeks to work on their projects. In the second semester, students select their own topic of interest and work on the laboratory projects for five weeks. Students are expected to plan and design their experiment, gather and analyze their data in a manner they see fit, and report their findings in a formal written report and oral presentation.