

SUPPORTING SELF-REGULATED LEARNING IN BEGINNING COLLEGE STUDENTS

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Abstract: General chemistry 1 (CHEM 111) is a large undergraduate course, intended for science-related majors across the university. It is a challenging course with significant freshman enrollment. Dr. Ulbrich will share with her success at integrating activities designed to help students explicitly pay attention to their own learning process, and strategize on how to improve it. We offered activities with the reasoning, “You get better at learning by thinking about your learning.” This approach inspired a revision in how exams were written, and exam averages were higher than in past semesters. Additionally, this approach noticeably transformed the tenor of the course as students came to appreciate that they have the power and resources to create their own success.

At the end of this session, members of the audience should be able to:

- summarize activities used in CHEM 111 and CHEM 113 to develop self-regulated learning skills in students
- modify the program implemented in CHEM 111 and CHEM 113 for use in their own classes