Kalamazoo College
Mellon Grant Progress Report

Integrating Research Instruction into the Curriculum: A Model for the Chemical Sciences

June 6, 2003

Progress Since Last Report

Since the last progress report (October 9, 2002), the Kalamazoo College Chemistry Mellon Grant Team has completed the implementation portion of the project. During this time the team refined the Web tutorial for SciFinder Scholar, outlined the format and content for the instruction sessions, created pre- and post-session surveys for students involved in the instruction sessions, and tested the usability of the tutorial and the assessment instruments with student assistance. Members of the team also planned and taught the instruction sessions in the face-to-face component of the Junior Seminar and administered the assessment surveys.

Stacy and Kathryn also presented their work at the Michigan Library Association conference on October 31, 2002 along with the other Chemistry Mellon Grant participants at Albion and Hope. In addition, Robin and Stacy published articles in LOEX News about the Kalamazoo College Mellon project in Chemistry.

Future Plans

Data has been gleaned through the pre- and post-session surveys, which need to be analyzed.

Meetings to Date

- **October 2002**: Stacy and Kathryn meet about MLA presentation and refine tutorial.
- **October 29, 2002**: Greg, Kathryn, Robin and Stacy meet for lunch to discuss the direction of the project, progress so far, and the upcoming MLA presentation.
- **October 31, 2002**: Lisa, Stacy, and Kathryn present their work so far (with the Chemistry Mellon Teams from Hope and Albion) at the Michigan Library Association Annual Meeting in Grand Rapids.
- **January 13, 2003**: Greg, Kathryn, Robin and Stacy meet to refine tutorial and discuss student testing of the tutorial. Decided to create a pre-session survey and a post-session survey to assess what students learned and how helpful the sessions/tutorial were.
- **January 17, 2003**: Greg sends Stacy the email addresses of four seniors willing to look at the tutorial. Stacy emails them to begin contact and appoints a student (Aaron Przbysz) to coordinate the students.
- **January 22, 2003:** Stacy and Robin met with Kathryn to tweak the tutorial. Everyone now has access to the files and can edit them at will. Stacy and Robin make some editorial and minor layout changes.

- **January 24, 2003:** Team meeting. Discussed pre-session and post-session surveys. Stacy sent out revised surveys. Kathryn, Stacy, and Robin continue to work on tutorial (Kathryn runs into some Impatica problems).

- **February 3, 2003:** Stacy and Aaron Przbysz meet to discuss how to implement the usability test with the other seniors.

- **February 14, 2003:** Stacy met with Greg in the morning to go over the content of the research sessions; they create an outline for three class sessions.

- **March 15, 2003:** Stacy and Lisa complete their article on the Mellon project for *LOEX News*. The article appears in the Spring 2003 issue (v. 30, no. 1). Stacy and Robin also complete their article, which is forthcoming.

- **April 28, 2003:** Stacy finalizes session plans with Greg and ensures that the latest version of SciFinder Scholar is loaded on campus computers. Stacy goes through the tutorial comments by students and edits the surveys and tutorial with Kathryn.

- **May 5, 2003:** Stacy teaches the first Junior Seminar session and administers the pre-session survey.

- **May 12, 2003:** Greg teaches structure searching with SciFinder Scholar in the second Junior Seminar session.

- **May 19, 2003:** Stacy and Greg administer the post-session survey.

- **June 12, 2003:** Lunch to thank students and team.