

USING THE WEB IN TEACHING

PANEL DISCUSSION

*William Myers, Moderator
Belmont Abbey College*

*Dr. Kevin Treu
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*Dr. William Mitchell
Louisiana State University in Shreveport*

*Dr. Ingrid Russell
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ABSTRACT

Each member of the panel will present the uses each makes of the World Wide Web in the teaching of various computer courses, including the delivery of instructional material, the mediation of communication among instructor and students, and the presentation of supplemental material.

Mr. Myers will discuss his experiences using Web pages to post class handouts, notes, study guides, and URLs to sites related to the course work in a variety of courses in a Computer Information Systems program populated primarily by non-traditional students.

Dr. Treu will demonstrate various mechanisms for interacting with students via the Web using both CGI and JavaScript, and will discuss his experiences using such interaction in Computer Science courses at all levels. Interactive discussion groups, suggestion boxes and posting of grades to the Web will be covered, as will methods of one-way distribution of information such as the portable document format (PDF).

Dr. Mitchell is involved in an NSF-ILI project to utilize collaboration software over the web to conduct software engineering team projects. He will discuss the configuration of his Winframe server to support thin-client networking across the internet and the web-enabled software support that this provides the student team members.

Dr. Russell will present experiences using the various on-line resources available on the web in teaching the undergraduate Introductory Artificial Intelligence course. Due to the rapid development of the web, the last few years have seen a wealth of on-line material available that can be used as supplemental material for better delivery

of curriculum for both the upper level and lower level courses. Most importantly, much work has recently been done to centralize such information in various repositories which make the resources more readily available. She will give an overview of the various AI repositories, both research and educational, that are available on the web. She will also present experiences using those repositories in teaching the undergraduate Introduction to AI course and explore ways to effectively utilize and integrate such resources into teaching the course.

There will be time for questions from the audience and for contributions of experiences by members of the audience.