

Advancing Technology-Enhanced Instruction: Collaborations for Development and Support

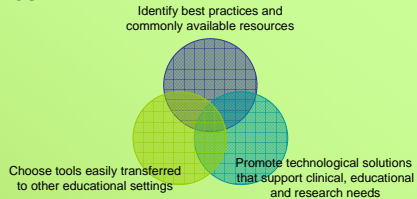
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Challenge

Technology has become an essential tool in medical education. Choosing the right resources for the disparate needs of faculty, students and staff is crucial to the development of open communities for teaching and learning.

Objectives



Present Technological Solutions

My.UMDNJ portal groups

- Groups of individuals can create special interest spaces, which may be open or private within the UMDNJ community.
- Collaboration between the Library and IST has facilitated creation of groups for Graduate Medical Education.

Faculty Listserv

- The Library and IST created a listserv for use as a faculty development tool.
- The listserv pushes information on issues related to clinical education and instructional technology.

Student Organization Web Sites

- Students receive instructional and resource support for developing government, club and service-oriented web sites.

WebCT Courses and Forums

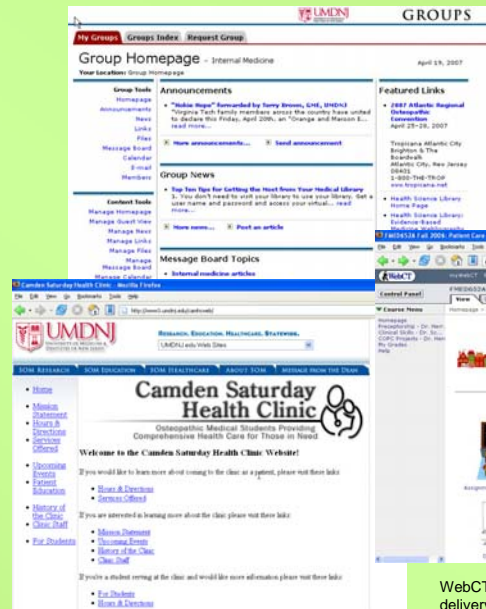
- The Library and IST team support faculty and student WebCT designers regarding copyright issues, links to online resources, and content.

Classes

- The Library and IST have partnered to offer technology training on the same calendar, enabling courses to be marketed to a broader audience.

IAIMS

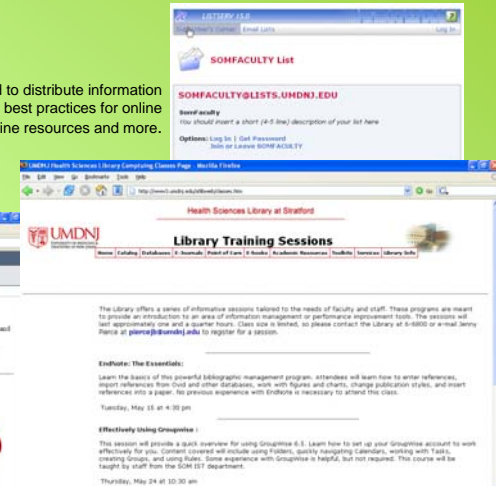
- UMDNJ was the recipient of a 5 year IAIMS Operational Grant, which fostered integration of informatics and educational technology into the clinical, academic, and research programs at UMDNJ.
- The IAIMS faculty development program promoted the creation of interdisciplinary clinical case simulations using DxR Clinician software.



Student web site for the Camden Saturday Health Clinic serving Camden, NJ.

Group features include shared files, links, photographs, calendars, email, and announcements.

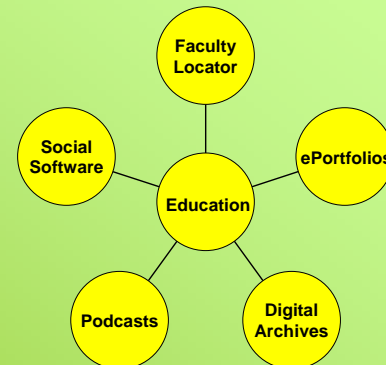
The Faculty listserv is used to distribute information about digital images, best practices for online presentations, licensed online resources and more.



Joint Library and IST training calendar provides more training opportunities and greater visibility.

WebCT courses foster communication and fast delivery of course and administrative materials.

Future Collaborations



Planning Efforts

Education: Co-teaching, incorporating technology application training into a regular class schedule and for special groups.	Digital Archives: Focus of pilot project will be the digitization of historical documents related to the creation of UMDNJ-SOM.
Faculty Locator: Deployment of web-based faculty locator tool, searchable by research and clinical interests, with links to publications and clinical trials.	Podcasts: Team creation of orientation podcasts, and training and support for development of course lecture, public health, alumni and other podcasts.
e-Portfolios: Implementation and support for content development and media production for Graduate Medical Education.	Social Software: The Library and IST plan to create a presence for resources within popular social software, e.g. Facebook.

Conclusion

This collaborative project has begun to address the educational technology needs of the community. Areas of focus include content areas in education and clinical care, effective methods of communication and information distribution, and support for the adoption of innovative techniques for resolving problems and creating a cohesive community.