authoring systems were investigated (Director 6.0, PowerPoint, Toolbook, Authorware 5.0). Authorware 5.0 was selected due to the graphical interface and complete interface with avi and wav files. The Director of Distance Education / Instructional Technology designed, selected, researched and created graphics, digital video, digital photos, audio clips and text with the assistance of a student worker. The Vice President of Administrative Services coordinated the efforts of the other administrators and staff to elicit information they determined was needed by newly hired employees. Information was supplied by these individuals in Word format, PowerPoint, web links or text (pen/paper). This information was uploaded to the CD by the Director and two students enrolled in the multimedia project class at the college. Enhancements were made to the CD related to student tracking. The voice/audio overlays were created in small segmented wav files to allow easy updating. The CD provides employees with dynamic links to specific college web sites and text, animation, graphics, and video related to the following areas of the college: (1) Virtual campus tour (2) Administrative services (3) Academic offerings (4) Community Services (5) Welcome from the president of the college (6) College mission (7) Personnel issues (8) Computer usage Administrators were provided zip disks with the prototype / demonstration and were asked to complete Phase I evaluations for feedback related to design, content, navigation and appearance. The feedback was incorporated into re-design specifications. The CD is planned to be utilized in Fall (August) 2000. Users will be asked to complete Phase II (Final) Evaluations for feedback to be used in modifications to the CD and updates to be made monthly. Through the utilization of the CD, the college provides more thorough information in a more dynamic delivery method and the CD will serve as a reference to new employees over an extended time period. Since the CD provides a search capability, it will serve as a dynamically interactive multimedia resource.

Telecentres in Chile: A Community Access Project
Pedro Hepp, Universidad de La Frontera, Chile; Ernesto Laval, Universidad de La Frontera, Chile; Rodrigo Garrido, Universidad de La Frontera, Chile

Telecentres in developing countries are being proposed as a community access solution for the use of Internet and information processing services by the more deprived and less educated people. The main challenge is to provide low cost access and to brake cultural barriers that keep people away from using technology. Chile, with close to 3% of its population with Internet access, concentrates most of its users among well educated, high income citizens in its capital city Santiago. In contradiction, many of the services and content already present in Chilean Web pages could directly benefit the population at large. Our project is working on a network of 10 Telecentres in small communities in southern Chile, gathering as much information from each Telecentre user as possible, in order to assess this approach as a possible solution on a larger scale in the near future.

El futuro está ahora: Our Children Working in the WebWorld
Charlie Jackson, 360Commerce, Inc., USA

The future is now (el futuro está ahora) provides a roadmap to issues of education for a world that is centered upon web economy and culture. Ranging from Internet job opportunities to globalization of commerce, this poster session by one of the world’s leading technology visionaries brings home the importance of technology literacy within the current school system. It includes observations on cognitive theory, technology development, and the requirements for education in a rapidly changing environment. This session provides a look at how far educational technology has come during the past decade and some of the challenges that lie ahead. It renders a sense of urgency to serving the needs of the current generation of students to meet a future that is already here. The session includes a lively combination of facts, projections, and discussion to motivate the participants to consider new strategies to prepare students for the future.

MediaWarez - an Innovative Web Multimedia Search Service Based on the CBIR Engine
Jinhan Kim, Korea Telecom, Rep. of Korea; Daewon Kim, Korea Telecom, Rep. of Korea; YoungSik Choi, Korea Telecom, Rep. of Korea; Eunil Yun, Korea Telecom, Rep. of Korea; Sanghong Lee, Korea Telecom, Rep. of Korea

As the technologies for the Internet services and network hardware are being advanced, much more peoples are joining Internet world in which many brand-new and unimaginable services are afforded every day. Most of newly afforded services contain multimedia contents such as image, audio, and video. Since conventional search engines are not efficient and adequate for browsing multimedia content, novel searching services for the multimedia content are required. KT(Korea Telecom) has developed a CBIR(Content Based Image Retrieval) engine called KT-MIRS(Korea Telecom - Multimedia Information Retrieval System) for fast and accurate content-based image retrieval. KT has also developed an innovative web multimedia search service called MediaWarez using KT-MIRS. In this paper, functionalities of KT-MIRS and MediaWarez are described.

Continuous Availability and Support for Web-based Applications
Gail Knopp, Mayo Clinic, USA; Glen Swanton, Mayo Clinic, USA

The web presents a new challenge to previous business processes and management structures. In supporting the expansion of web-based applications on an Intranet, talents from a number of different groups must be utilized.

Integrating New Technologies into the Methods of Education: A PT3 Catalyst Grant
Karla Krueger, University of Northern Iowa, USA; Caroline Lange, University of Northern Iowa, USA

InTime (Integrating New Technologies Into the Methods of Education) is a $2,397,594 Preparing Tomorrow’s Teachers to Use Technology Catalyst Grant from the United States Department of Education. The three-year InTime project addresses deficiencies in teacher education programs in preparing preservice teachers to use technology effectively in the PreK-12 classroom. The purpose of InTime is to provide online video best practices and an online discussion forum for methods faculty to use in course revision.