

**2/19/02 Minutes-FSCOT as related to Agenda 3/19/02** (JA Pickrell, Chair)

**1. Our next FSCOT meeting—March 19, 2002; 1:30 pm KSU Union 205.**

***This month's program***—Discussion will center on these issues in these as needed.

**Convergence of Digital Learning Conference** (4/15/02-4/16/02) is a 2 day workshop of the best in digital learning (sponsors Colleague to Colleague, Educating Kansas, Kansas Regents ECC, KSU College of Education, Plains Academy Coop, Preparing Tomorrow's Teachers for Technology, W KS Commun Services Consort, DCE and iTAC. Featured speakers are Dr. Gerald Norris "The Global Perspectives of Digital Learning" and Dr. Ed Klonski, an expert in implementation of distance Learning. Dr. Rebecca Gould is requesting proposals for presentations (They're a lot like abstracts).

**Dr. Rebecca Gould** (ITAC) requests FSCOT's support in the no food and drink policy in the high tech classrooms. They are difficult and expensive to clean. Additionally, equipment may be destroyed.

**2. Web access for people with disabilities (Janelle Corkill Chair).** State regulations address the objective – to make it possible to transfer of the same information (quality/quantity) to people with disabilities as those who do not have those disabilities. The standards kit has been sent to our department heads and can be obtained from ITAC (see Tim).

***Resolution for Faculty Senate:*** *Be it resolved that Faculty Senate and its Leadership Council are committed to the goal of website access to KSU information by persons with disabilities. We resolve to support progress in each of our units toward attaining this important goal (PASSED UNANIMOUSLY).*

***How can you tell if your college is making progress toward meeting the guidelines for Web access to the handicapped?*** 3 programs are available. Bobby is used to assess access for those with disabilities. Dream Weaver 4 and Front Page 2002 function as page creators to minimize difficulties in access for students with disabilities.

Contact Janelle to be signed up for a list server to discuss such issues in more depth. As an example, this list serv recently forwarded an IRL to its participants h.

**3.** Jane Rowlett addressed our committee on **Choices of Portal Software**. Tweed Ross is FSCOT's attendee. Students can register and fill out the multitude of forms needed to go to the University with one access.

***Recommendation to Faculty Senate (not requiring action):*** Large multidisciplinary research projects may benefit from implementation of a portal providing sign-on access multiple functions of K-State. Such access would allow remote access to data bases and customization for optimum benefits. We suggest that groups contact Dr. Jane Rowlett or other portal task force members, discuss their interest and explore the features allowed by different software tools.

**4. Directed services authentication.** (Chuck Gould, Neil Erdwin and Harv Townsend addressed us 2/19/02 about Authentication, Authorization —K-State Enterprise Authentication System (KEAS). Authentication (demonstrating that you're you) is currently being carried out and stored in each system. Under the new system it will be stored in a K-State Lightweight Directory Access Protocol—an industry standard—and authentication provided for any system we're authorized to use under integrated information infrastructure (III). During the first year,

e-mail, the KSU calendar and K-state web services will be incorporated. At a later time, K-State on line and KATS will be incorporated. In the moderate term future we will move to web servers and applications of other institutions from a single access. Participation from each of our Colleges and Departments is entirely voluntary.

***Integrated information infrastructure.*** Dr. Dave Hillier addressed us on 2/19/02. III is about convergence and integration, moving beyond the compartmentalized information silos of the past. Portals will serve as a persisting desk. Using Portals and authentication, we will employ search engines, metadata, networks and servers to mine data base services (data warehouses), electronic journals, collections, videos and music and immersion-virtual reality. We are contracted to be one of the earliest to put up Oracle Financial and Oracle Student Systems (SUNY Stonybrook will be first). Information in all the files around campus will be combined.

*How will these programs change our lives?* Both programs will decrease the numbers of passwords, streamline business bottlenecks and approval bottlenecks, The Dublin-Core Metadata will make information easier to locate and problems easier to solve. Security will tighten with a single sign on. Finally, services to students (support for DCE students) and employees (remote electronic journal access). Finally we will have one password if we choose to join.

**5. High Performance Computing.** Dr. Beth Unger group's blueprint for High Performance Computing (HPC) includes a Faculty senate committee report on this subject (Byron Jones, Chair, Talat Rahman member). KSU's HPC is divided into 3 parts, 1 tightly coupled machine, owned and operated by Physics and 2 loosely coupled clusters, 1 Terrodyne used in cooperation with WalMart, and the BeoCat Cluster which extends Linnux to take advantage of unused space in PCs in our University (with our permission) and beyond. An algorithm directs computing to the best available space so that operation remains constant for the operator. Beowulf clusters have been operational for >10 y. Security is aided by sophisticated antivirus programs and the random nature of algorithm assignment. There has been no noticeable interruption of services during operation. Such applications are of special value to large parallel processing applications like rainfall, weather, disease incidence, population incidence, star and atom map applications, to mention only a few. We should continue dialog between FSCOT and Faculty Senate.

**6. Schedule 25 (Ruth Dyer, Chair).** FSCOT (Dave Warren representative). The following are answers to our questions (1/22/02), from Dr. Dyer. Weber 123 is a general use classroom (GUC) with a capacity of 269 (Weber 146 is an An Sci space. Continuing education requests GUC by department preference. The capacity for Seaton 252 is furniture dependent. Al Keithley (raising the question) will be consulted to determine Architecture's preference. Salina joining Schedule 25 is in progress. Webviewer (scheduled for purchase) allows us to check GUC room availability for a specific time.