

# Information Access Update

## July – December 2006

Efforts of the Information Access Division during the period July through December 2006 were notable for the improvements made in measurements of customer response times, despite a steady increase in requests for service. All divisions had singular and combined successes.

**Instructional Technologies (ITS)** implemented Blackboard as a collaborative partner in a project with UMR and UMSL. Usage of Blackboard reflected a 33% increase over the previous semester. ITS also completed evaluations of Horizon Wimba and Secure Exam/Lockdown browser and both products are scheduled for implementation by July 1, 2007.

**Information Manipulation Services (IMS)** is developing an implementation plan for the conversion of all Blackboard data, extracting the new Peoplesoft Student information instead of copying it from the existing legacy application. IMS has also identified over 130 reports, feeds or extracts of data across campus which will be retired or converted in conjunction with the Data Integrity Reporting Group (DIRG).

**Information Presentation Services (IPS)** produced numerous web presentations for UMKC and its partners. IPS massaged data copied from Oracle and SQL Server databases and formatted the information to make it available on web browsers, PDAs and other forms of electronic communication for all UMKC schools. Worthy of special mention are the e-commerce sites developed for UMKC Admissions and the School of Dentistry.

All Information Access Departments played roles in the implementation of Peoplesoft Student, acting as consultants and performing database and application testing and assessment services.

### ITS Highlights

#### **Projects, Research and Development, and Personnel**

1. Blackboard Intercampus Collaboration (BbIC)
  - i. Phase One (April – August 2006) of project concluded. Accomplishments include:
    - Successful migration of the UMKC, UMR and UMSL campuses' Blackboard instances to the unified environment as proposed and approved in April 2006 on schedule with the Fall 2006 semester go-live date.
    - Ability to authenticate any UM student, faculty or staff to any Bb instance through system wide LDAP authentication
    - Standardized naming conventions
    - Developed method for each campus to upload standardized data table structure for automatic:
    - Centralized and standardized Blackboard snapshot scripts design and execution
    - Improved end user support through
    - Improved system administration and support through
    - Increased visibility and leverage with vendors
    - Utilized collaboration and project management tools to support and enhance efforts
  - ii. Phase Two (August 2006 – May 2007) of the project includes:
    - Automatic course creation at UMKC – November 2006
    - Blackboard Request System at UMKC – November 2006

- SSO system at UMKC – January 2007
  - Redesign of snapshot tools – January 2007
  - Joint adoption of Horizon/Wimba at UMKC & UMSL – January 2007
  - Governance structure – February 2007
  - MOU/SLA – March 2007
  - Community System at UMKC – March 2007
2. School of Nursing Summer Institute (July 26 – 29, 2006)
    - i. Supported faculty and staff in development and implementation of new RN → BSN fully online program. Developed student technology orientation.
  3. Secureexam/Lockdown Browser
    - i. Secureexam pilot ended December 20, 2006.
    - ii. Lockdown Browser trial license was utilized for some testing and evaluation. Support Services and Instructional Technologies concur that this software will be less support-intensive.
  4. eInstruction (student response system)
    - i. Coordinated faculty orientation and training with eInstruction representative to be provided through FaCET at no cost.
    - ii. Blackboard plugin was originally evaluated on the version 6.3 Windows development environment and needs to be re-evaluated and tested on the 7.1 Sun development environment.
  5. Horizon Wimba
    - i. Evaluated as a replacement of Centra
    - ii. Installed Blackboard plugin on development server
    - iii. Developing implementation plan
  6. Conferences Attended
    - i. Educause Annual (October 2006)
    - ii. SLATE Conference (October 2006)
      1. Presented regarding BblC

## Usage Data

### **Blackboard**

<b>Academic Unit</b>	<b>Aggregate number of students</b>		
	<b>WS 06</b>	<b>FS 06</b>	<b>% change</b>
College of Arts and Sciences	7,931	10,004	20.72%
Conservatory of Music	195	384	49.22%
School of Biological Sciences	795	2,371	66.47%
School of Business and Public Administration	978	1,780	45.06%
School of Computing and Engineering	615	1,879	67.27%
School of Dentistry	356	1,276	72.10%
School of Education	2,102	2,084	-0.86%
School of Law	0	13	100.00%
School of Medicine	1,999	1,073	-86.30%
School of Nursing	409	1,137	64.03%
School of Pharmacy	272	1,225	77.80%
<b>Grand Total</b>	<b>17,386</b>	<b>23,226</b>	<b>+25.14%</b>

<b>Academic Unit</b>	<b>Number of course sites</b>		
	<b>WS 06</b>	<b>FS 06</b>	<b>% change</b>
College of Arts and Sciences	231	296	21.96%
Conservatory of Music	6	14	57.14%
School of Biological Sciences	11	25	56.00%

School of Business and Public Administration	33	55	40.00%
School of Computing and Engineering	31	53	41.51%
School of Dentistry	12	20	40.00%
School of Education	83	74	-12.16%
School of Law	0	1	100.00%
School of Medicine	7	12	41.67%
School of Nursing	24	30	20.00%
School of Pharmacy	4	19	78.95%
Non Academic	77	177	56.50%
<b>Grand Total</b>	<b>519</b>	<b>776</b>	<b>+33.12%</b>

### Centra

Term	Academic Unit	Students	Instructors	Classes
SS2006	School of Dentistry	50	3	3
SS2006	School of Nursing	20	2	1
SS2006	E-Conferencing	0	2	1
FS2006	NIAAA	37	1	4
FS2006	PACE	18	1	1
FS2006	School of Computing and Eng.	9	1	1
FS2006	School of Dentistry	57	5	5
FS2006	School of Nursing	121	11	6
FS2006	E-Conferencing	0	26	7
<b>Grand Total</b>		<b>312</b>	<b>52</b>	<b>29</b>

Term	Students	Instructors	Classes
WS 2006	465	21	16
FS 2006	312	52	29
<b>% change</b>	<b>-49.04%</b>	<b>+59.62%</b>	<b>44.83%</b>

### eInstruction

Name	Number of Classes	Number of Students	Number of Pads (clickers)
Andrea Drew Gounev	2	180	175
Saul Honigberg	1	140	138
Margaret Horner	1	45	44
Chris Jordan	1	104	102
Kristin Lee	3	55	54
Kathryn Loncar	1	112	109
Jeffrey Price	1	269	267
Marilyn Yoder	2	354	352
Christine Zimmerman	1	80	79
<b>Grand Total</b>	<b>13</b>	<b>1,339</b>	<b>1,320</b>

Term	Number of Classes	Number of Students	Number of Pads (clickers)
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WS 2006	17	651	637
FS 2006	13	1,339	1,320
<b>% change</b>	<b>-30.77%</b>	<b>+51.38%</b>	<b>+51.74%</b>

**L-Soft Listserv**

<b>Term</b>	<b>Number of Lists</b>	<b>Number of subscribers</b>
WS 2006	637	120,420
FS 2006	679	125,876
<b>% change</b>	<b>+6.19%</b>	<b>+4.33%</b>

**IMS Highlights**

- Completed over 5000 faculty evaluations submitted for 600+ classes in the School of Nursing and School of Dentistry
- Interviewed all campus schools and divisions to create a Student Information System data flow chart. Study results identified 130+ data feed, reports or extracts.
- Provided training in Peoplesoft and Cognos

**IPS Highlights**

- Developed Extranet sites for Women's Center, UMKC Center for Creative Studies, and the School of Computing and Engineering
- Expanded use of XML, Cold Fusion, and ASP.net on campus
- Collaborated with University Communications on multiple projects
- Researched search engines, content management systems and other possible tools for the university as a whole