

Information Technology

2003-06 STRATEGIC PLAN

2003-04 ACCOMPLISHMENTS

MISSION:

Our mission is to provide the information technology and human services support for instruction, research, administration, clinical and ancillary programs with services and infrastructure that enable the University community to provide all members of that community with the tools and related services that enable them to perform their roles in the most efficient and effective manner possible.

VISION:

Our vision is to share our knowledge and services both on campus and beyond.

I. Information Technology Enterprise-Computing

MISSION: Enhance the levels and management of administrative computing resources supporting the University community (including hardware, software, data and technical support services).

VISION: Ensure that new systems are responsive to the evolving needs of the University and providing modern, web-based technology tools to enable data-driven decisions at all levels.

Goal I: *Reach for National Prominence*

Key Indicator E: Redesign business and clinical processes as part of the replacement of the financial, human resource, student, and health enterprise information systems.

Objective 5: The University will streamline its business and information technology services.

Goal IV: *Discover, Share and Apply New Knowledge*

Key Indicator B: Secure authorization for an additional state-of-the-art research facility in support of the growth plan for research facilities as defined in the University's Physical Development Campus plan.

Objective 2: The University will provide the facilities and equipment necessary to enhance research capacity.

Operational Goal: Streamline processes and enhance technology resources supporting the University community.

MEASURABLE OBJECTIVES	BY	STRATEGIES/INITIATIVES	ACCOMPLISHMENTS 2003-04	LINK TO GOAL#	LINK TO OBJ #	KEY INDICATORS
1. Complete replacement of core legacy mainframe systems: FRS, HRS, and SIS.	PC	The University will implement productivity improvements through implementation of web-based core applications, supply chain	The applications software was selected and contracts for software and implementation services were awarded SAP. The modules	1	5	E

MEASURABLE OBJECTIVES	BY	STRATEGIES/INITIATIVES	ACCOMPLISHMENTS 2003-04	LINK TO GOAL#	LINK TO OBJ #	KEY INDICATORS
		management, and customer relationship management best practices, while at the same time protecting the privacy of our constituents. Constituents will be encouraged to conduct business, whenever possible, with the University on-line.	being implemented in Phase I are, HRS, FRS, Campus Management, and Materials Management. Blueprinting work is underway to ensure that best practices are operational when the new SAP system is ready to 'go-live' in 2005-06.			
2. Ensure security of the IT infrastructure.	PC	Comply with state and federal security and privacy regulations (e.g. HIPAA, FERPA, etc.). Develop a strategy to provide encrypted e-mail, acquire funding, and implement the new software.	Extensive security training has been completed for technical systems administrators. The funding for encrypted e-mail is not yet available.	I IV	5 2	E B
3. Improve the technical infrastructure that supports institutional administrative and enterprise data used for the instructional, research, and service missions of the University.	JT	Enhance the computing infrastructure by implementing a new SAN (storage area network) infrastructure to support fiber channel, ISCSI, and other new technologies. Upgrade the SAN disk structure to improve the performance in support of new initiatives. Upgrade the tape libraries and supporting drives to the latest technologies.	Installed a new director to control the storage area network. This new director supports ISCSI and storage virtualization. Two new disk subsystems have also been installed to support both mid range and high end requirements. Implemented a new tape library to replace and older unit. This tape library contains state of the art tape drives. We have also upgraded one existing tape library to new tape drives and increased its capacity to hold tapes.	I	5	E
4. Ensure new systems are responsive to the information and workflow needs and requirements of the University community.	JT KBH	Implement Integrated Resources Information Systems (IRIS) hardware architecture in a manner that allows for maximum flexibility to support a variable workload and provide a structure that is easily expanded to support changing demands. Involve the University community in the planning for the implementation of IRIS project. Begin implementation of IRIS project in 2004. Complete chart of accounts design and implement general ledger by early 2005.	The first IRIS hardware system has been installed to allow for flexible future growth. Campus community participation has been extensive during the implementation of IRIS. The chart of accounts design is complete.	I IV	5 2	E B
5. Define, implement, and support the technical installation of the new enterprise administrative systems, including the acquisition of required hardware and software, data conversion, security, system interfaces, printing, reporting, and on-going operation and support for the new systems.	JT KBH	Define and implement architecture for IRIS that allows for the security and integrity of the system. Enhance the data network to support the increasing needs of IRIS for data movement and responsiveness throughout the campus. Commit adequate technical resources to successfully replace the current administrative systems. Establish a staffing plan that fully supports the implementation of the IRIS project and continues to provide maintenance support for the legacy systems.	Preliminary planning is in process to acquire the necessary information to define a security infrastructure. An upgrade to the data network is being designed to support the increased IRIS requirements. Technical resources are in place to support the IRIS project and to provide on-going maintenance support for the legacy systems.	I	5	E
6. Establish and implement training for the project team in the new tools and technical	KBH	Create a training plan to provide appropriate training for the technical project team to ensure	The training plan was developed using the "just-in-time" philosophy for delivery	I	5	E

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			<p>have been defined. Many data quality issues are being addressed, such as the process for uniquely identifying an individual when their "ID" and/or name is different between systems, missing instructor data in SIS and HRS, inconsistencies in personal demographic data, validation of room use and PCS codes on the room data, collection and validation of all smart classroom facilities data on campus, transformation tables for standardization of race, building and room number codes, etc. However, creation of the CMDM is now on hold due to the SAP implementation.</p> <p>9. RMDM Advisory Committee created and is currently defining institutional performance measures. However, additional work on the RMDM is on hold due to the SAP implementation.</p> <p>10. Phase II of GASB completed to give users total control over scheduling jobs.</p> <p>11. DWE User Satisfaction Survey showed most respondents happy with our service and progress. Users asked for training on the data, and we will attempt to develop such training in 04-05. We will follow-up with people who provided the few negative ratings to see how we can improve.</p>			

II. Morgan County Regional Technology Center

MISSION: Improve outreach, public service, and economic development and enrichment of the lives of the people of the Commonwealth of Kentucky.

VISION: To promote human and economic development through the expansion of knowledge.

Goal VI: *Elevate the Quality of Life for Kentuckians*

Key Indicator F: Increase public service expenditures, particularly extramural grant-supported expenditures, in areas critical to improving the lives of Kentuckians

Objective 1: The University will engage its people and resources in a renewed commitment to outreach.

Objective 2: The University will lead in the delivery of specialty care in selected clinical areas

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Objective 3: The University will accelerate industry-funded research and partnerships, technology transfer, and business development to advance Kentucky's economy.

Objective 4: The University will expand utilization of its cooperative extension network to improve the quality of life for all Kentuckians

MEASURABLE OBJECTIVES	BY	STRATEGIES/INITIATIVES	ACCOMPLISHMENTS 2003-04	LINK TO GOAL#	LINK TO OBJ #	KEY INDICATORS
1. Establish a business incubator in the MCRTC	PD	Seek regional post-secondary educational partnerships to establish and administer the incubator unit.		VI	3	F
2. Develop technology literacy initiatives directed toward small/rural farmers seeking to diversify	PD	Utilize regional county agriculture and home extension agents and the MCRTC to deliver instructional programs.		VI	4	F
3. Provide state-of-the-art facilities and equipment to regional K-12 and post-secondary education institutions to support curriculum enhancement and training opportunities	PD	Develop partnerships with Morehead State University, Maysville Community and Technical College, Hazard-Lees Community and Technical College and the Morgan County Area Technology Center.		VI	1	F
4. Collaborate with the Center for Rural Health to improve access to patient services or information	PD	Utilize the facilities and capabilities of the MCRTC to support rural health initiatives with regional providers		VI	2	F
5. Attract new businesses to the region using the MCRTC and the numerous vacant light industry buildings owned by various county economic development authorities	PD	Work with local and state leaders, and the ONE to attract high-technology businesses to the area or light industry companies.		VI	3	F

III. Information Technology Health Affairs

MISSION: The mission of Medical Center Information Systems (MCIS) is to enable and enhance UK Healthcare's clinical, educational and research missions through information technology and to provide support to departments, faculty and staff.

VISION: To be a leader in healthcare information technology and to provide quality services to UK Healthcare and its constituents.

Goal I: Reach for National Prominence

Key Indicator B: Increase health affairs clinical income by 10 percent.

Key Indicator C: Identify four clinical target programs and implement at least two new related business plans..

Key Indicator E: Redesign business and clinical processes as part of the replacement of the financial, human resource, student, and health enterprise information systems.

Objective 2: The University will enhance the excellence and sustainability of the clinical enterprise.

Objective 5: The University will streamline its business and information technology services.

Goal II: Attract and Graduate Outstanding Students

Objective 3: The University will engage students in rigorous educational programs and provide an environment conducive to success.

Goal IV: Discover, Share and Apply New Knowledge

Key Indicator B: Secure authorization for an additional state-of-the-art research facility in support of the growth plan for research facilities as defined in the University's Physical Development Campus Plan..

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Objective 2: *The University will provide the facilities and equipment necessary to enhance research capacity.*
Goal VI: Elevate the Quality of Life for Kentuckians
 Key Indicator B: *Secure authorization and design a strategic clinical facility.*
 Objective 2: *The University will lead in the delivery of specialty care in select clinical areas.*

Operational Goal: Enhance the levels and management of computing resources supporting Health Affairs (including hardware, software, data, and technical support services).

MEASURABLE OBJECTIVES	BY	STRATEGIES/INITIATIVES	ACCOMPLISHMENTS 2003-04	LINK TO GOAL#	LINK TO OBJ #	KEY INDICATORS
1. Continue implementation of the Integrated Clinical Information System (ICIS) toward the goal of a fully electronic medical record.	ZD, SMG	Develop and initiate plan for change in Eclipsys strategy with emphasis on the application, hardware configuration, infrastructure requirements, resource requirements, training needs, and coordination/ collaboration with stakeholders and other parties.	<p>Sunrise Clinical Manager application configuration, interface development, and hardware configuration including a clustered test system completed. Training started for all personnel including physicians. Go-live scheduled on first units for July 21, 2004 with phase-in every 3 weeks through January 2005. Significant is the fact the physicians and other licensed independent providers are entering orders directly into the system.</p> <p>Clinical Domain Groups (CDG) established with representation from a variety of clinical areas. Purpose of the CDG is to develop rules, protocols, and order sets specific to clinical areas.</p> <p>Project initiated for interface of Sunrise Clinical Manager with the Pharmacy system.</p>	1	2	E
2. Appropriately support UK Health Care strategic plans and initiatives.	ZD, SMG	Participate in and contribute to institutional initiatives such as the Emergency Department "Operation Pull", the Gill Heart Institute, Patient Safety, and others.	<p>Participated in all phases of the Emergency Department "Operation Pull". Instrumental in the selection and implementation of a wireless communication system, Vocera.</p> <p>Significant involvement in the opening of the Gill Heart Institute consisting of the Center for Advanced Surgery (CAS) and Cardiac Services, including cardiac catheterization suites. Planned and installed all computers, printers, and other devices and worked with UKIT on building network. Also, completed conversion of materials management/ operative system to encompass functionality required for the CAS. Served in project</p>	1	2	B, C

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			<p>leadership role for the information system implementation for cardiac catheterization and echocardiography.</p> <p>RFP and selection process completed for selection of transcription platform and electronic signature for dictated documents with Softmed System.</p>			
3. Identify actions and a plan that will support recommendations and funding for information systems needs such as support and infrastructure for units that were formerly part of the Medical Center.	ZD, SMG	Discuss issues and plan with the EVPHA, Provost, and Vice President for Information Technology & Human Services. Identify collaboration required for clinical systems that may impact these units. Identify MCIS role, if any, in supplying services and supplies.	Initial discussion with EVPHA regarding services provided to units within the former Medical Center organization. Assisted College of Dentistry with selection of a clinical information system and have begun discussions regarding ongoing support. Relationships with some units via Service Level Agreements still intact. Further discussion and planning required.	I	4, 5	E
4. Appropriately support process redesign necessary for ICIS and IRIS.	ZD, SMG	Commit adequate resources for ICIS and IRIS. Evaluate replacement alternatives for current OR and Materials Management systems. Continue to collaborate with various constituencies.	UK HealthCare CIO participated in selection of ERP application and implementation team. Participated in planning sessions related to blueprint process in relation to UK HealthCare in general, and replacement of materials management system, specifically. Decision made to utilize SAP for materials management system and select a replacement Operative Services system.	I	5	E
5. Adequately support professional level students and faculty.	ZD, SMG	Promote a technologically advanced computing environment. Implement systems that enhance education, scholarship, research, and clinical practice.	Medical Center Information Services continues to support Medical Center faculty and students with their desktop needs. This includes workstation planning and trouble shooting workstation and printing problems.	II IV	3 2	B
6. Continue to evolve the clinical data repository.	ZD, SMG	Implementation of an electronic medical record and a lifetime repository.	ICIS Sunrise Clinical Manager implementation scheduled for production in July 2004. This is first phase of building an electronic medical record. Established policy that results available through web-enabled reporting systems such as Sunrise Clinical Viewer will be considered part of the medical record.	IV	2	B
7. Appropriately support the design of clinical facilities to ensure all data and communication needs are met.	ZD, SMG	Participate in planning of a new clinical facility.	Minimal planning activity to date. MCIS Senior Management has participated in preliminary meetings regarding facilities.	VI	2	B

IV. Information Systems Support and Ancillary Services

MEASURABLE OBJECTIVES	BY	STRATEGIES/INITIATIVES	ACCOMPLISHMENTS 2003-04	LINK TO GOAL#	LINK TO OBJ #	KEY INDICATORS
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MISSION: Provide the University community with quality customer service, support, and awareness of information technology. Direct support is offered for instruction, research, operations, distance learning, and community outreach, through the IT Customer Service Center.

VISION: To provide responsive IT support services for many different aspects of the operation of the University and to assist the University community in employing and expanding effective use of information technology in meeting the University strategic goals.

Goal I: Reach for National Prominence

Key Indicator E: Redesign business and clinical processes as part of the replacement of the financial, human resource, student, and health enterprise information systems.

Objective 4: The University will strengthen the link between funding decisions, plans and results.

Objective 5: The University will streamline its business and information technology services.

Operational Goal: Enhance the quality and awareness of Information Technology support services.

MEASURABLE OBJECTIVES	BY	STRATEGIES/INITIATIVES	ACCOMPLISHMENTS 2003-04	LINK TO GOAL #	LINK TO OBJ #	KEY INDICATORS
1. Strengthen relationships between support services departments and the University community.	KW	IT will provide efficient and effective support services to meet the day-to-day operating needs of the University community.	<ul style="list-style-type: none"> Focused on staff strengths within call centers and utilized staffing from one center to another as needed to provide prompt quality customer support on-demand. Identified relevant technical support from within support centers and utilized their skills in support of common mission, equipment, and operation. 	I	4, 5	E
2. Increase awareness and responsiveness of the services that are available.	KW	IT will develop and implement a comprehensive communication plan to the University community.	<ul style="list-style-type: none"> Provides current system outage information through call center voice messaging to improve communications and customer wait times for assistance. Developed web interface for telephone directory updates, and developed methodology for daily automated updates to campus directory databases. Developed web catalog of documentation for more efficient searching and information exchange to the customer. 	I	4, 5	E
3. Continuously assess the evolving needs and priorities of the users of support services to improve services.	KW	IT will continually survey, seek feedback, and research new technologies and changing customer needs to enhance delivery of services	<ul style="list-style-type: none"> Improved PDA and wireless support, including provisioning setup and support for devices such as the 	I	4, 5	E

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		provided to the University community.	Blackberry, Treo, Windows CE devices. <ul style="list-style-type: none"> • The CSC Implemented and manages an antivirus server which delivers current protective software to student residence hall computers. • Telephone Operations and Directory Services upgraded (both hardware and software) for the Amcom directory and answering service system. • Implemented two fully functional emergency telephone operator workstations in PKS2 in the event of disaster or emergency evacuation of McVey Hall. 			

V. Instructional Computing and Student Computing Services

MISSION: Provide the strongest possible support for the integration of computing and communications technology throughout the instructional process.

VISION: Ensure that students graduate from the University having had the opportunity to make optimal use of technology in their learning and to explore its uses in their chosen fields of study.

Goal I: *Reach for National Prominence*

Key Indicator E: Redesign business and clinical processes as part of the replacement of the financial, human resource, student, and health enterprise information systems.

Objective 5: The University will streamline its business and information technology services.

Goal II: *Attract and Graduate Outstanding Students*

Key Indicator C: Open a new undergraduate residence hall, designed as a 21st century living/learning community.

Key Indicator F: Increase the six-year graduation rate to 60 percent.

Objective 3: The University will engage students in rigorous educational programs and provide an environment conducive to success.

Operational Goal: Enhance the level of instructional technology services to the University community (including hardware, software, communications and support services.) Our focus is based upon three mutually interrelated components: 1) access to and support for student computing; 2) access to appropriate resources and support for faculty to develop and use instructional computing; and 3) technology equipped “smart” instructional spaces.

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1. Provide powerful, readily available, and fully supported computing resources for student use in Student Computing Services, and in Academic Support Group facilities, labs and classrooms.	KW	IT contributes to the University's educational mission by providing high quality, state-of-the-art student computing lab facilities. Establish, maintain, and support facilities that offer a flexible array of hardware and software in support of instructional computing.		I II	5 3	E C, F
2. Assist the academic sectors by providing consultation regarding the specification, installation, and support of technology-enhanced instructional space.	KW MD	IT will provide support to integrate computing throughout the instructional process. Follow changing trends in delivery and support of instructional technology.		I II	5 3	E C, F
3. Assist faculty members in the determination of instructional needs, appropriate pedagogy, and instructional design methodology, to incorporate computer-based instructional materials into their courses.	KW MD	In collaboration with the Teaching and Academic Support Center (TASC) and College Deans, IT will assist the University community in employing and expanding the effectiveness of information technology in meeting the University's strategic goals. Facilitate the integration of technology into the instructional process.		I II	5 3	E C, F

VI. Research Support Services

MISSION: Provide the strongest possible support for the integration of computing and communications technology throughout the research process.

VISION: Information Technology services and equipment that enhance the prominence of our researchers.

Goal I: *Reach for National Prominence*

Key Indicator E: Redesign business and clinical processes as part of the replacement of the financial, human resource, student, and health enterprise information systems.

Objective 3: The University will increase its resources in order to offer high-quality instructional, research and service programs.

Goal IV: *Discover, Share and Apply New Knowledge*

Key Indicator B: Secure authorization for an additional state-of-the-art research facility in support of the growth plan for research facilities as defined in the University's Physical Development Campus Plan.

Objective 2: The University will provide the facilities and equipment necessary to enhance research capacity.

Operational Goal: Enhance the level of technology services to support the research priorities of the University (including hardware, software, communications and support services.)

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1. Provide powerful, readily available, and fully supported research computing and networking resources for faculty, students and research staff	JT	Work with the research faculty and the Center for Computational Sciences to define the needs of research computing and procure the next generation of research supercomputing equipment. Increase systems administration staff to support the variety of computing resources required by a major research university. Provide for the training of the staff to stay current with new initiatives.	The research computing and networking resources are in place. The RFP process is underway for the procurement of a new research computing resource. No funding has been identified to increase the support staff.	I, IV	3 2	E B
2. Provide high level technical consulting for researchers in the use of computational resources	JT	Increase staff in the consulting function and provide for training and the ability of the staff to collaborate with others at appropriate conferences.	High level technical consulting is in place. However, no increase of staff has been funded in this area.	IV	2	B
3. Maintain state-of-the-art research computing resources (hardware, software, and databases).	JT	Coordinate a budget for research computing support that encompasses software, training, in addition to hardware needs.	Budget remained constant. Award for Supercomputer upgrade will be completed in September 2004.	IV	2	B

VII. Communications & Network Systems

MISSION: Provide operational management for University telecommunications, and planning for convergence of traditionally separate technologies of voice, video, and data.

VISION: A fully integrated digital campus with innovative telecommunications technologies serving as the "life line" that unites the University community and that provides access to local, regional, national and international communities.

Goal IV: *Discover, Share and Apply New Knowledge*

Key Indicator B: Secure authorization for an additional state-of-the-art research facility in support of the growth plan for research facilities as defined in the University's Physical Development Campus Plan.

Objective 2: The University will provide the facilities and equipment necessary to enhance research capacity.

Goal VI: *Elevate the Quality of Life for Kentuckians*

Key Indicator E: Increase the number of start-up companies to two per year.

Objective 3: The University will accelerate industry-funded research and partnerships, technology transfer, and business development to advance Kentucky's economy.

Operational Goal: Enhance the levels of communication services provided to the University community (including voice, data, and video distribution, and technical support.)

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Provide integrated, efficient, and functional communications and networking resources (voice, data, and video) for the University community, to encourage and support information exchange both within and beyond the University community.	JT JT DF	Continue to enhance the capabilities of the campus network by increasing bandwidth of major segments. Also enhance the network core and allow for enhanced network segmentation. Enhance the robustness of the university's connection to the Internet (Internet 1 and Internet 2) and increase internet bandwidth as required to support the university's mission. Complete bid and award the telecommunications services contract.	The segmentation is underway at the hospital. An enhancement to the network core is in the final stage. Segments of the network have been enhanced as the need s have surfaced. The bandwidth to the Ethernet has been increased by 100% with the implementation of the KPEN network. The communications services contract was awarded to Alltel.	IV	2	B
Ensure responsiveness to the communications needs and requirements of the University Community.	JT	Implement a network architecture that meets or exceeds 'best of breed' and allows for expansion where it is required to support the university community. This will include enhancing the network core, enhancing bandwidth, providing redundancy, and enhancing network segmentation.	The network architecture follows the standards as defined by our networking partner Cisco. This design provides for the ability to expand and segment the network and to provide for redundancy.	IV	2	B
Provide access to information resources, regardless of location, to support faculty, student, and staff requirements.	DM	Complete campus-wide installation of secure wireless networks for both inside and outside facilities to support required network services.	Installed campus wireless to Journalism building, Whitehall Classroom, Quadrangle courtyard, POT Mezzanine, B7E – MBA Center as well as completing the 1 st phase of the Patient Care Wireless installation.	IV	2	B
Support faculty, staff, and corporate partners in their research on networking technologies through the James F. Hardymon Alliance for Networking Excellence.	JT/DF	Continue to develop advanced networking with the Alliance for Networking Excellence and support the visualization efforts with the College of Engineering as well as academics and local business.	Successful partnerships with CS, UKIT and industry resulted in a 5 million dollar award from the State of Kentucky to develop a comprehensive visualization center. Project has also resulted in the creation of two new faculty owned businesses.	VI	3	E
Design and implement the communications infrastructure to adhere to national and international standards for information sharing and networking and to support statewide higher education initiatives.	DM	Provide statewide connectivity through the Kentucky Postsecondary Education Network (KPEN) network as well as remote site connectivity using TLS technology.	KPEN contract signed and both technologies have been implemented. Sites are currently being considered for conversion.	IV	2	B

VIII. Internal Audit

MISSION: The University's Internal Audit Activity performs as an independent and objective service designed to add value to the organization by providing financial and operational assurance attestations, making recommendations on improvement of departmental/unit operations, and supplying consulting assistance when requested by management.

VISION: Our vision is to share our knowledge and services to the University community, and assist in the safeguarding of assets through the performance of risk-assessment activities.

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Goal I: Reach for National Prominence

Key Indicator E: Redesign business and clinical processes as part of the replacement of the financial, human resource, student, and health enterprise information systems.

Objective 5: The University will streamline its business and information technology services.

Operational Goal: Assist departments by providing an independent, objective disciplined approach to evaluate and improve the control and governance processes.

MEASURABLE OBJECTIVES	BY	STRATEGIES/INITIATIVES	ACCOMPLISHMENTS 2003-04	LINK TO GOAL#	LINK TO OBJ #	KEY INDICATORS
1. Support, monitor, and consult during the implementation process of the IRIS system.	KB	Review internal controls, data accuracy and integrity, security, recovery, reporting, and operation. Perform substantive tests on data conversion/integrity. Evaluate security of access to data.	Auditors attended SAP training. Senior Director is on IRIS steering committee.	I	5	E
2. Monitor the development and testing phases of the University's Disaster Recovery Plan for the mainframe and mission-critical servers at the Hospital and on Main Campus.	KB	Participate in scheduled Disaster Recovery Plan tests. Review testing schedule, plans, log, and serve as official recorder for DRP tests.	Auditor served as official recorder for all hospital and campus DRP tests.	I	5	E
3. Monitor financial transactions and operational activities for compliance with official University Policies & Procedures.	KB	Review KRONOS Time & Attendance System at the University Hospital, Procard activity, Faculty Effort System, Travel Management activities, HIPAA, Corporate Compliance, SIS/HRS/FRS transactions. Analyze transactions for appropriateness, timeliness, and data integrity. Recommend corrections/ improvements for efficiency and compliance.	FES, Ebars systems reviews performed. Reviews performed at LCC Student Billings, School of Public Health, Center for Pharmaceutical Science and Technology, Plant Assets, Kentucky Homeplace, Center for Rural Health, OB/GYN, Radiation Medicine, UKAA Ticket Accountability, and Anesthesiology. Loss of funds in four departments. A self-study of the Internal Audit Unit is underway.	I	5	E