UMBC Division of Information Technology (DoIT) Strategic Planning Process

DoIT strives to provide innovative, efficient and effective IT services to support UMBC's strategic priorities.

Campus Priorities

Administrative Excellence

- Leveraging REX to deliver information from data.
- Making applications easy to use and intuitive
- Using technology to improve business processes

Research and Scholarship

- Enabling computational research through HPC.
- Data Intensive processing
- Digital Humanities
- Collaboration and Information
- Support and Software tools

Teaching, Learning & Student Success

- Supporting faculty curricular innovation
- Providing students with resources to support learning
- Providing excellent technology support
- Leveraging learner analytics

Strategies

Business Process Improvement

Expand Analytics Adoption Shared Service Centers Interactive Academic Planner (SB740) Expand Mobile self-service options

Cloud Adoption and Cyber Security

Internet2 NET+ Cloud Program
Trusted Identity Management Program
Implement Best Practices in Cyber
USM Collaboration Efforts

Research and Scholarship

Implement CyberInfrastructure Plan Support Digital Humanities Efforts Collaborative Tools and Information Partnerships with Deans and VPR

Instructional Technology & Support

Faculty Training and Support
Outstanding IT Service & Support
USM Course Redesign and ATAC
UMBC Strategic Planning Goals
Collaborating with IMS & EDUCAUSE

Initiatives

- REX- Data warehousing
 - · Replace ProClarity with Pyramid
 - Build more predictive measures
 - Enhance learning analytics
- Workflow and e-forms for Shared Services
- · Evolve Mobile solutions for
 - · Student self-service
- · Evolve IDMS services to TIER
- Leverage NET+ for infrastructure
- · Expand SIP service on campus
- · Manage Risk, especially around PII
- · Extend security model to cloud
- · Legislative and USM Audits
- Enhance our HPC service to support more researchers
- · Add ScienceDMZ to support research
- Nurture digital humanities efforts through support and collaboration
- Expand data storage
- · Make all teaching spaces digital ready
- Expand Brownbags and face-to-face training
- · Launch badging initiative
- · Improve Blackboard SIS integration.
- Extend and enhance FAOs

Partnershops

- CSEC & IT Steering
- Data Management Council
- IT Steering
- SB740 Committee
- USM PeopleSoft Managers
- · Shared Services Advisory Committee
- · UMBC Project Leadership Initiative
- · Oracle and Blackboard
- USM ITCC, CSM, MEEC, and MDREN
- · USM Security Managers
- CSEC & IT Steering
- Internet2 NET+ PAG
- InCommon & TIER
- REN-ISAC & EDUCAUSE
- UMBC Faculty CPC
- Internet2 & MAX
- SURA
- HPCf & CHMPR
- New Media Center
- Dell, Amazon, and IBM
- USM ATAC
- IMSGlobal & EDUCAUSE
- Classroom Committee & Provost
- FDC & Library
- Linda Hodges (FDC)
- Faculty Senate CPC
- Blackboard