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IT as Facilitator

- Streamlining existing processes
- Reducing turn-around times
- Lowering costs of Research Administration
- Bringing in increased research dollars
Agenda

- Introduction to IT Systems
- Current Systems
- Future Systems
## Introduction to IT Systems

### Current Systems

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<th>System</th>
<th>Function</th>
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<td>caTissue</td>
<td>Facilitates Bio-specimen Tracking</td>
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<td>RedCap</td>
<td>Ensures secure data collection</td>
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<td>ORSWeb</td>
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Introduction to IT Systems
Future Systems

- **CME**: Will assist with CME Activities
- **PostDoc**: Will be PostDoc Information Portal
- **caBig**: Will establish secure data exchange
- **eRA**: Electronic Research Administration
CURRENT SYSTEMS
caTissue
Bio-specimen Inventory Management

- Researchers
- Hospital Data
- Research Resource Center
caTissue
What you can do with CaTissue?
• View participant’s hospital data and study specific information at same place
• View and search available sample based on custom queries
• Order specimen samples online
• Track orders
RedCap
Secure Data Capture
RedCap
What you can do with RedCap?
• Build and Manage online database with ease
• Save sensitive information in secure manner
• Create and save custom queries for reporting
• Export data to Excel, SAS, R or SPSS
ORSWeb
Online PAF Submission
ORSWeb
What you can do with ORSWeb?

• Researchers
  – Submit Submissions online to Pre-Award Office
  – Respond to Modifications online

• ORS Office
  – Streamlines internal work flow
  – Do Review Online
  – Communicate with Researchers via system
RiSCWeb
Online IRB Submissions
RiSCWeb
What can you do with RiSCWeb?

• Submit IRB submissions using smart forms and uploading documents
• Online Department Review and Approval
• Track submission through all the phases
• Submit respond to modifications online
• Maintain record of all active and expiring protocols
FUTURE SYSTEMS
CME
Online CME Activity Management

• Submit online activity proposals
• Submit session evaluations online
• Dynamic routing for review purposes
• Online credit & certificate management
PostDoc
Online repository with PostDoc Information

• Provide Post Doctorate student information online

• Information about publications and training grants

• Ad-Hoc reporting to identify patterns in training grants
caBIG Secure Research Platforms

• caBIG® offers applications, databases, and research platforms for
  – Clinical trials management
  – Bioinformatics
  – Genome annotation, proteomics, microarrays,
  – Data analysis and statistical tools,
  – Translational research and more.

• Enable information sharing across institutions

• Initiated by National Cancer Institute

• Allow researchers to collect, analyze, integrate and disseminate information freely
caBIG
Secure Research Platforms

Roles
- Clinical Researchers
- Cancer Biologist
- Bioinformaticians

Activities
- Clinical Trials Management
- Microarray Data Analysis
- Sequence Analysis
- Proteomics Analysis
- Bioinformatics Support

Systems
- caDSR, caAdapter
- caArray
- geWorkBench
- genePattern
- geWorkBench
eRA
Electronic Research Administration

• Single solution to connect Researchers with
  – IRB
  – ACC/IBC
  – BRL
  – Pre-Award
  – COI
New RIST Website

The Information Technology team within the Office of the Vice-Chancellor for Research implements, develops, and supports software for the benefit of the University of Illinois research community.

- ORSWeb
  - Purpose: Online PAF submission
  - Description: ORSWeb is an online document delivery platform connecting Office of Research Services and Research Personnel across the UIC campus. ORSWeb eliminates the paper process and its inefficiencies.
  - URL: orsweb.ovcr.uic.edu

- RiscWeb
  - Purpose: Online IRB Submissions
  - Description: RiscWeb is an Online Research Management system which connects research personnel with their studies to IRB at UIC. RiscWeb helps research personnel by streamlining the workflow for IRB submissions and assisting in tracking their status.
  - URL: riscweb.ovcr.uic.edu/phase2

- caTissue
  - Purpose: Biospecimen Inventory Management
  - Description: caTissue Suite is caBIG's biorepository tool for biospecimen inventory management, tracking, and annotation.
  - URL: redcap.ovcr.uic.edu

- RedCap
  - Purpose: Secure data capture
  - Description: The REDCap application allows users to build and manage online surveys and databases quickly and securely.
  - URL: redcap.ovcr.uic.edu

- CME
  - Purpose: Online CME Activity management
  - Description: CMEWeb is being developed to streamline and facilitate continuing medical education at the University of Illinois by providing online activity proposals, evaluations and dynamic routing for review purposes.

- caBIG
  - Purpose: Establish secure data exchange network
  - Description: The mission of caBIG* is to develop a collaborative information network that accelerates the discovery of new approaches for the detection, diagnosis, treatment, and prevention of cancer.

- PostDoc
  - Purpose: Online repository with PostDoc information
  - Description: Online Post-Doc portal provides important information about publications and training grants allowing the university to strategically decide on which training grants to apply for and increase revenue.

- ERA
  - Purpose: Single solution for electronic research administration
  - Description: The university is on the path to bring a single, comprehensive solution for the administration of research throughout its lifecycle by connecting the offices of IRB, ACC/IIC, ORS and COI.

http://rist.ovcr.uic.edu
Questions / Concerns?

For requesting access to mentioned systems or general feedback, email us at ovcrit@uic.edu