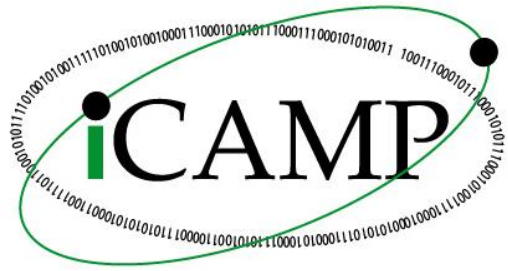# iCAMP
Curate, Archive, Manage, Preserve
http://icamp.unt.edu

William E. Moen
Associate Dean for Research
College of Information
University of North Texas

COLLEGE of INFORMATION
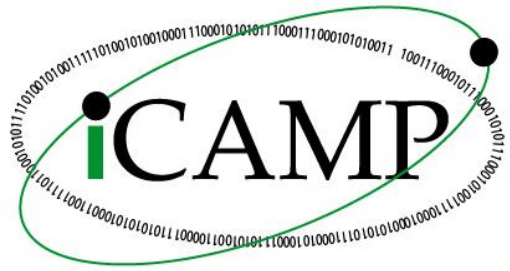
UNT Libraries
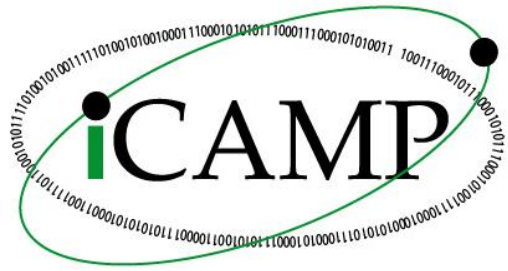THE POWER OF IDEAS STARTS HERE

Project basics

- 3-year capacity building project
  - 9.1.2011 through 8.31.2014
- Librarians for 21st Century Grant
- Collaboration between
  - College of Information
    - Texas Center for Digital Knowledge
    - Dept. of Library and Information Sciences
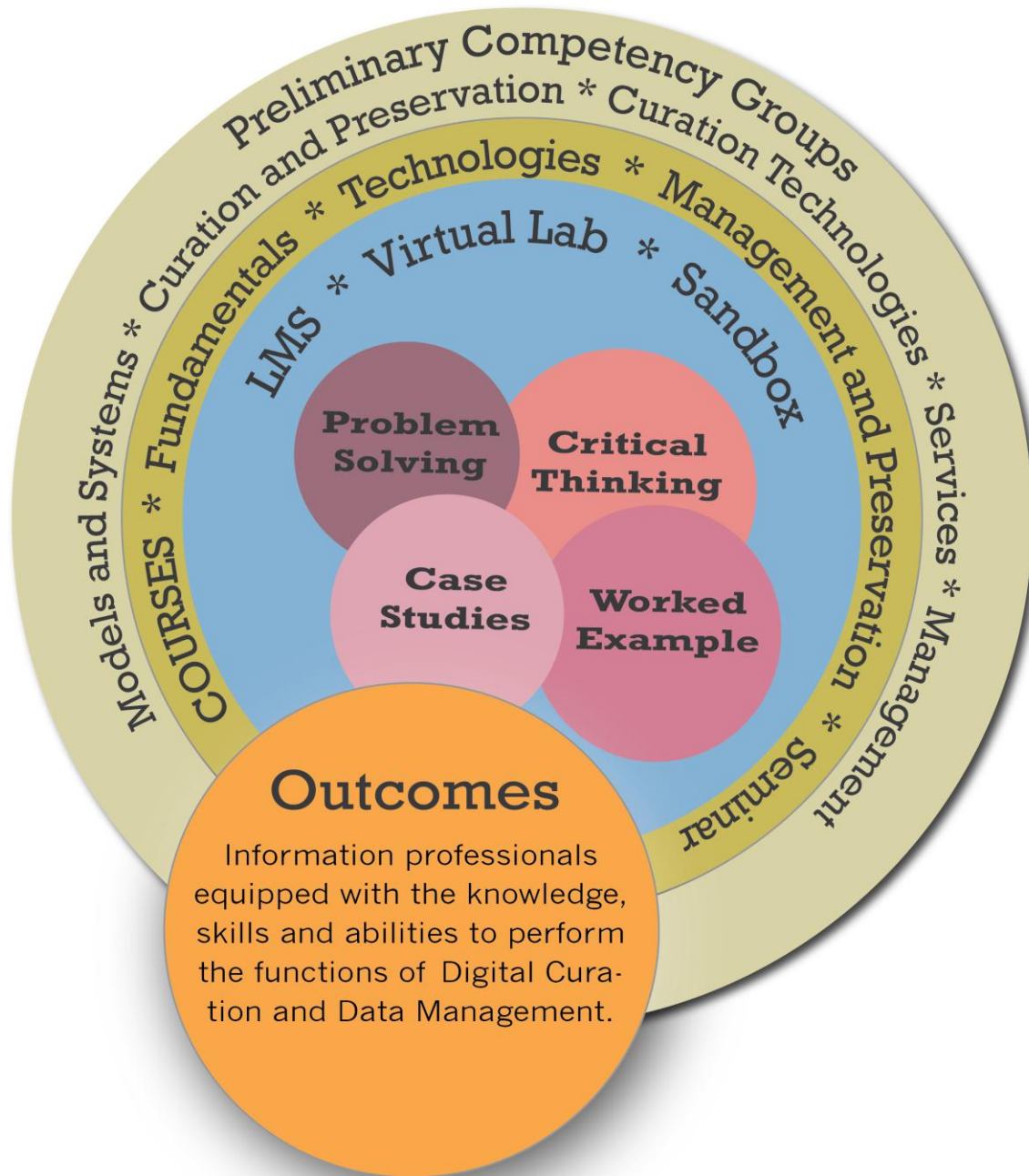 - UNT Libraries

iCAMP goal

Build capacity in UNT's LIS curriculum to increase the number of appropriately trained information professionals and disciplinary researchers and scholars for digital curation and data management responsibilities.
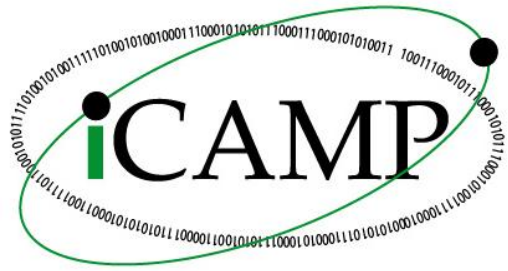
iCAMP objectives

- Develop four courses (web-based) in digital duration and data management

- Deploy a robust technical infrastructure to support student learning, practical engagement, and training

- Implement a virtual teaching environment for students' active experimentation and discovery learning

Preliminary Competency Groups

Curation and Preservation * Curation Technologies

Technologies * Management and Preservation

Fundamentals * LMS * Virtual Lab * Sandbox

Models and Systems * Curation

COURSES

Services * Management * Seminar

Problem Solving

Critical Thinking

Case Studies

Worked Example

Outcomes

Information professionals equipped with the knowledge, skills and abilities to perform the functions of Digital Curation and Data Management.
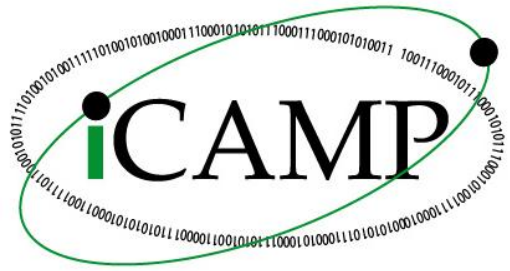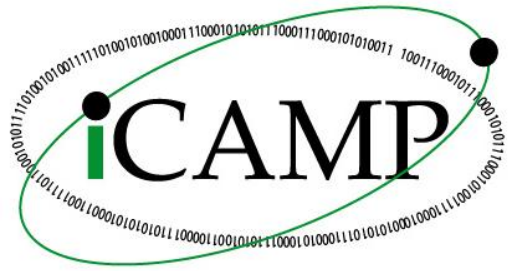
iCAMP primary groups

- Graduate students majoring in Information Science

- Post-masters information professionals retraining for digital curation jobs

- Discipline-specific graduate students who may be responsible for managing data

iCAMP outcomes

- Increase in students' preparedness by enhancing practical training

- Positive change in discipline-specific graduate students' knowledge and perceptions

- Positive effects on distributed, online LIS education

- Improved LIS faculty and UNT librarian's abilities and attitudes for collaboration in LIS education
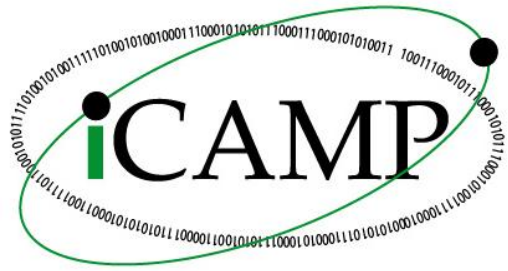
iCAMP driving question

In the context of distributed learning and web-based courses, how can LIS education be changed and enhanced to incorporate extensive training and practical experience to result in well-prepared information professionals, scientists, and scholars to take on the challenges and problems of digital curation, data management, and digital preservation?
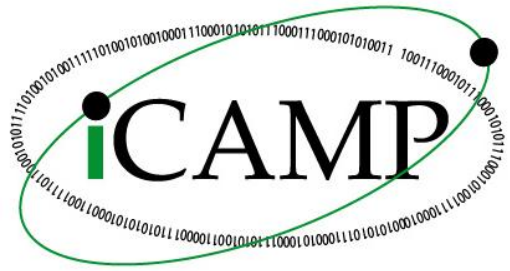
iCAMP competencies

- **Competency** (working definition)**:**
  - A cluster of applicable knowledge, skills, abilities, and attitudes that can be improved with training and professional development, affect the job, and correlate with performance on the job; Measurable against set standards

- **iCAMP Competency:**
  - Knowledge, skills, abilities, and attitudes to carry out a wide range of professional functions in support of digital curation and data management responsibilities.
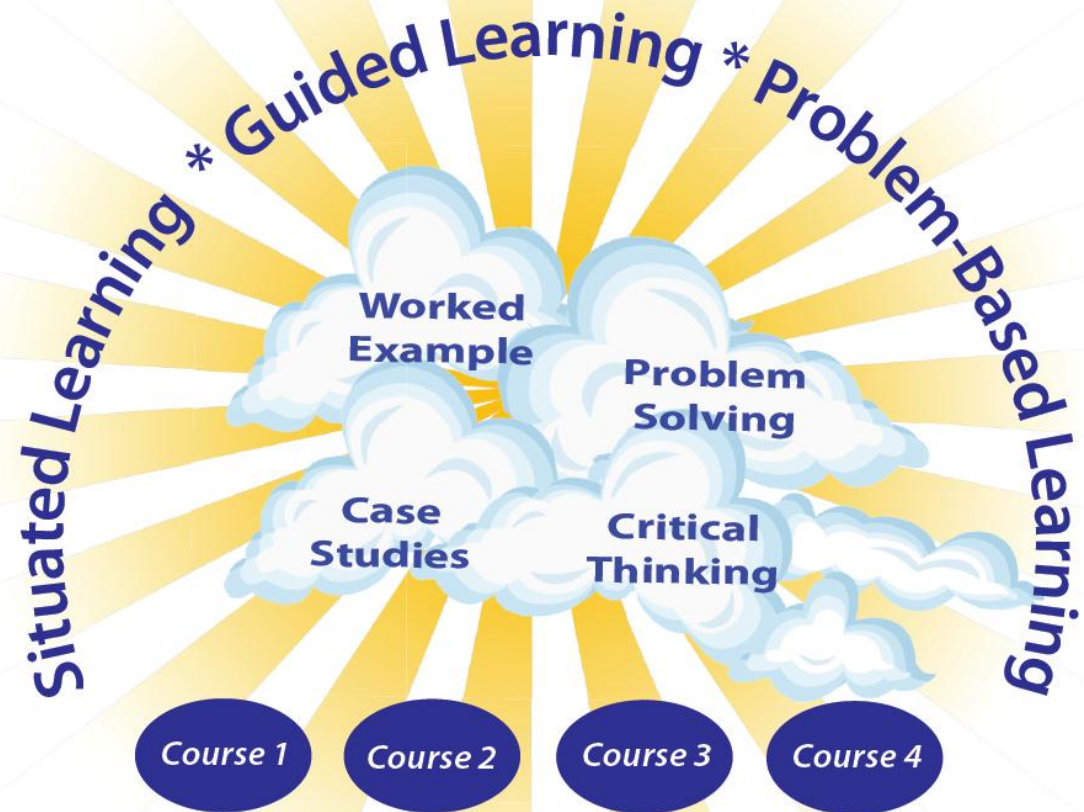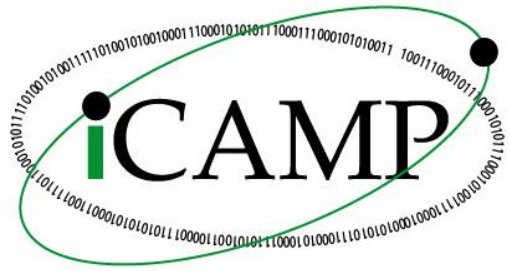
iCAMP competency groups

- Communication & Interpersonal
- Curating and Preserving Content
- Curation Technologies
- Environmental Scanning
- Management, Planning, and Evaluation
- Services
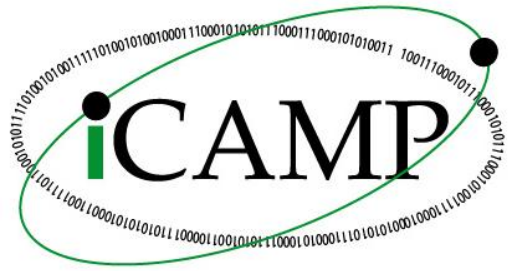- Systems, Models, and Modeling

iCAMP curriculum development

iCAMP courses

- Digital Curation and Data Management Fundamentals

- Tools, Applications, and Infrastructure for Digital Curation

- Managing and Preserving Digital Data and Information

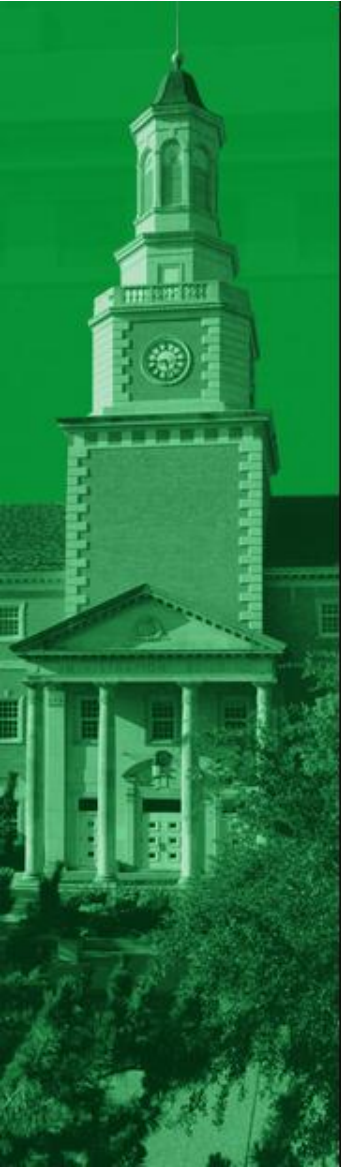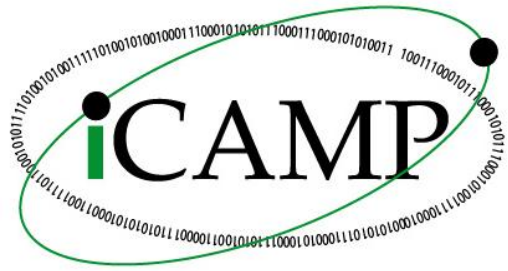- Digital Curation and Data Management Seminar

iCAMP technology

- Traditional learning management system
  - Blackboard learn

- Virtual lab
  - Drupal Islandora Fedora platform

- Sandbox
  - UNT Libraries technology environment

iCAMP project staff

- **Principal Investigators**
  - William E. Moen, College of Information
  - Jeonghyun Kim, College of Information
  - Martin Halbert, UNT Libraries

- **Professional Staff**
  - Ana Krahmer, UNT Libraries
  - Mark Phillips, UNT Libraries
  - Cliff Whitworth, College of Information

- **Graduate Research Assistants**
  - Joseph Helsing, Computer Science and Engineering
  - Edward Warga, Library and Information Sciences

- **http://icamp.unt.edu**