Enhancing Teaching for the Public Good
Excellence, Innovation, and Public Engagement

Presentation by
The University Senates Conference
Academic Affairs and Research Committee
A Foundation in Excellence at UIUC

UIUC Center for Innovation in Teaching and Learning ("CITL")

1. Rich/Creative Learning Environments
2. Training/Assistance Programs
3. Personalized Support
4. Teaching Evaluations/Outcome Assessment
5. Support Online Courses/Programs
New Center for Teaching Excellence at UIC

Inaugural Executive Director:
Dr. Erin Sanders O’Leary
- Collaborate
- Inspire
- Support Transformation

These Centers Build on Teaching Excellence at Colleges
Online, Professional and Engaged Learning at UIS

Center for Online Learning, Research and Service (COLRS)

Faculty Development Resource Office (FDRO)
Teaching in a Changing Economy

Computing jobs span the economy
According to the U.S. Bureau of Labor Statistics, 3.8 million people in the U.S. work in computing occupations. Yet Change the Equation finds that more than twice as many—7.7 million Americans—say they use computers in complex ways in their jobs. Many of these jobs are in non-STEM fields.

The majority of schools don’t teach computer science
90% of parents want their child to study computer science
45% of high schools teach computer science

Solving the diversity problem begins in K-12
Women who try AP Computer Science in high school are ten times more likely to major in it, and Black and Latinx students are seven times more likely.
UIUC Steps in to Address the Problem

- CS Endorsement Program
  (for Teachers Already in Service)
  Second in state after ISU/NEIU

- CS Licensure Program
  (for Pre-Service Teachers)
  To be first in state
CS + X: Blended Degrees at UIUC

- Teach concepts from both fields
- Prepare careers in both fields
- Prepare Illinois to lead
Promotes affordable access at scale
Removes obstacles to lifelong learning
Includes wide array of students
Creates broad opportunities
Potential model for other programs
Three New Healthcare Simulation Centers

College of Medicine

The Simulation and Integrative Learning Institute (Photo: Susan Reich)

College of Nursing

The M. Christine Schwartz Experiential Learning and Simulation Laboratory (Photo: Mark Mershon)

College of Pharmacy

Herbert and Carol Retzky Simulation Center
Addressing Environmental Issues

River Restoration and Conservation

Michael Lemke (Biology, Interim Dean, Liberal Arts & Sciences), Keenan Dungey (Chemistry, Associate Vice Chancellor for Research and Institutional Effectiveness)

Environmental Education in Action

Megan Styles (Environmental Science)
Addressing Environmental Issues

The Confluence Lab

Citizen Science: 30-Minute Litter Walk

Anne-Marie Hanson (Environmental Studies)
Tom Rothfus (Director, UIS Field Stations)
Stewardship for the Common Good

Excellence

Teaching

Innovation

Public Engagement

Better Serving the State

Better Serving the World
Thank You