

## Texas Medical Center Library DigitalCommons@The Texas Medical Center

---

Center for Education and Information Resources  
Publications

Center for Education and Information Resources

---

June 2005

# Putting It All Together

Janet G. Johnson

*The University of Texas School of Nursing at Houston*, [Janet.G.Johnson@uth.tmc.edu](mailto:Janet.G.Johnson@uth.tmc.edu)

Leah Krevit

*HAM-TMC Library*, [leah.krevit@exch.library.tmc.edu](mailto:leah.krevit@exch.library.tmc.edu)

Linda Crays

*University of Texas Health Science Center, School of Nursing*, [linda.l.crays@uth.tmc.edu](mailto:linda.l.crays@uth.tmc.edu)

William B. Hillier

*The University of Texas School of Nursing at Houston*, [William.B.Hillier@uth.tmc.edu](mailto:William.B.Hillier@uth.tmc.edu)

Follow this and additional works at: [http://digitalcommons.library.tmc.edu/uthson\\_ceirpubs](http://digitalcommons.library.tmc.edu/uthson_ceirpubs)

---

### Recommended Citation

**Citation Information:** Johnson, Janet G.; Krevit, Leah; Crays, Linda; and Hillier, William B., "Putting It All Together" (2005).

DigitalCommons@The Texas Medical Center, Center for Education and Information Resources, *Center for Education and Information Resources Publications*. Paper 4.

[http://digitalcommons.library.tmc.edu/uthson\\_ceirpubs/4](http://digitalcommons.library.tmc.edu/uthson_ceirpubs/4)

This Article is brought to you for free and open access by the Center for Education and Information Resources at DigitalCommons@The Texas Medical Center. It has been accepted for inclusion in Center for Education and Information Resources Publications by an authorized administrator of DigitalCommons@The Texas Medical Center. For more information, please contact [laurel.sanders@librarytmc.edu](mailto:laurel.sanders@librarytmc.edu).

A glowing purple globe with radiating lines of light, symbolizing global connectivity and design drivers.

# **Putting It All Together**

**Design drivers to move your  
classroom from your campus  
to the world**

# The University of Texas School of Nursing at Houston

- Janet G. Johnson, MA
- Linda L. Crays, MA
- William Bryan Hillier

Houston Academy of Medicine –Texas  
Medical Center Library

- Leah Krevit, MLIS

# Design Drivers

- What drives the design ;->
  - What learning experience is being created?
  - What outcomes are achieved?
  - Why begin here?
    - You can not solve an undefined problem
    - Measurable outcomes are a requirement
    - You do not build a house without a blueprint

# Agenda

- **Understand “design drivers”**
- **Use existing technologies**
- **Create new “learning leader” and learner experiences**
- **Capture for discovery in Digital Commons**
- **Build bridges (Communicate!)**

# Education technology design drivers for the digital age

- Learning environments that...
  - Improve academic performance for every student and every instructor
  - Recruit, reach, and retain more students
  - Utilize technology that is a “Practical Enterprise Solution”
  - Require minimal training and support
  - Provide strong and measurable ROI

**Use existing technologies**

**Why?**

**Because majority of faculty  
or “learning leaders” are  
digital immigrants.**



**Dr. Elizabeth Eaton, PhD**

**Executive Director**

**Houston Academy of Medicine – Texas Medical Center Library**



# Use existing technologies

- **Classroom Control Systems**
  - Touch screen panel
    - On classroom podium
    - Interface to classroom technology
    - Controls presentation devices
      - VCR/TV
      - Projector
      - Computer
      - Lights/Audio

# Curriculum management systems

- Blackboard
- Ubiquitous
- Web-based
- Provides access to a wide range of class materials, including syllabi, course packs, assessment, and presentations

## Welcome to the UTHSC-H Blackboard



The University of Texas  
HEALTH SCIENCE CENTER AT HOUSTON

Welcome to the UT-Houston Blackboard™, an easy to use online learning tool. Accessible at any time, via the Internet, it allows students and faculty to access class information as needed. You must have a password from The University of Texas Health Science Center at Houston to enter this site.

To find out more about Blackboard at UTHSC, [check out this info.](#)

POWERED BY  
**Bb**  
Blackboard  
www.blackboard.com  
Copyright © 1997-  
2004 Blackboard  
Inc. All Rights  
Reserved.

To enter this site, click on the login button.

Login

InCommon

- Announcements
- Course Information
- Faculty Information
- Course Materials
- Lecture Videos
- Assignments
- Communication
- Discussion Board
- Groups
- Bibliography
- Tools
- Student Email
- HAM-TMC Library
- Course Map
- Control Panel

### Streaming Video File Instructions



To open a video file, click on the folder for the date that you need to view, then click on the link of a session. The first session is the beginning of the class until the first break and the other sessions are ended when there is a class break. Microsoft Windows Media Player should launch in a separate window. Also it is very important that you connect using high speed Internet access to view these files. This could be a cable connection through you cable company, DSL, or you may wish to view the files on your campus or at your place of work.

If the video does not play, make sure you have the latest version of Windows Media Player.

If you need to install Windows Media Player 9.0, click on the icon below and follow the instructions.



-  [01-13-2005](#)
-  [01-20-2005](#)
-  [01-27-2005](#)
-  [02-03-2005](#)

# Video conferencing

- Synchronous

# Video streaming

- Asynchronous  
(Capture/video on demand)

Click to Meet - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Mail Print W Yellow Phone Folder Home People

Address <http://129.106.196.34:8080/clicktomeet/index.htm> Go Links



**THE UNIVERSITY of TEXAS**  
HEALTH SCIENCE CENTER  
AT HOUSTON

Settings Help About

My Contacts My Documents My Meetings

**Please sign in with your Click to Meet user name and password. If you do not have a user name and password, please contact your Click to Meet Administrator.**

User Name:

Password:

Sign me in automatically

**Meetings In Session**

Please enter the meeting ID or virtual room number that you want.

Meeting ID:

[Refresh List](#)

Meeting Name <span style="float: right;">▲</span>	🔑	🔒	Owner	1
Medical School Pediatrics	🔑			1
School of Health Information Science	🔑			1
UTH School of Public Health	🔑			1
UTHITV Test Conference	🔑			1

**Streamed Meetings** [Refresh List](#)

Type	ID <span style="float: right;">▲</span>	Meeting Name	External Player	1
There are currently no meetings.				



© Copyright 2004 First Virtual Communications. All Rights Reserved.



Done Internet

start Abstract... Presenta... Leah discussio... Click to M... screensh... 1:27 PM

# Technologies that improve academic performance

- Lectures
  - Faculty-student and student-student interactions
  - Audio/video
  - Meeting
  - Supporting course materials
- 

A glowing purple brain is centered in the image, with numerous light beams radiating outwards from it, creating a starburst effect against a dark purple background. The brain is rendered with a semi-transparent, glowing effect, showing internal structures.

**Create new “learning leader” and  
learner experiences**

**Capture for discovery in  
Digital Commons**



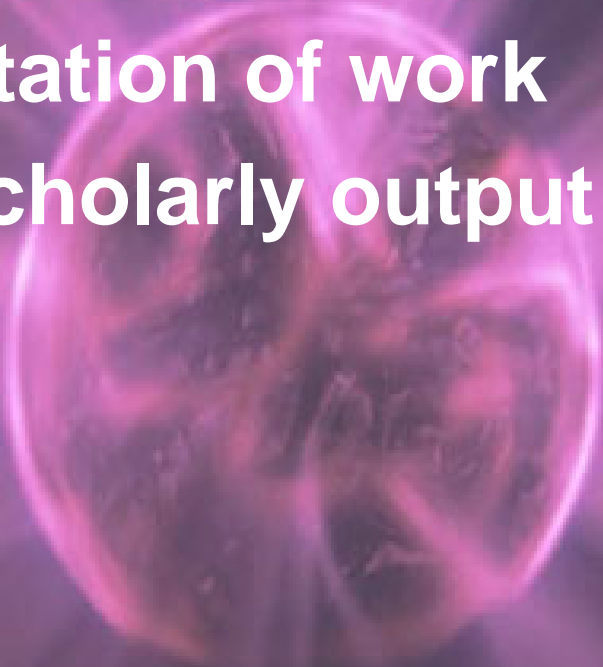
# Capturing: The Digital Commons

- **Institutional Repository**
- **Multiple institutions**
- **Provides storage and access for multiple formats**
  - **Published research**
  - **Learning objects**
  - **Audio and video streams**
  - **Presentations**
  - **Teaching materials**

# DigitalCommons@ The Texas Medical Center

- **Cataloging**
- **Metadata**
- **Search capabilities**
- **Discovery**
- **Google Me**

# Dissemination of Scholarly Work

- **Facilitates collaboration opportunities**
  - **Rapid dissemination of ideas**
  - **Increases citation of work**
  - **Preserves scholarly output for the future**
- 





# Digital Commons @ The Texas Medical Center

Digital Commons @ The Texas Medical Center

## Browse by Research Unit, Center, or Department

Content posted here has been selected and deposited by the individual campus groups. For more information, see [About the Repository](#).

Search all communities:

Search

Advanced Search

powered by  
bepress

Quest  
Learning

- ▶ [The University of Texas School of Nursing at Houston](#) Established in 1972, The University of Texas School of Nursing at Houston is ranked in the top ten percent of nursing schools in the country. Our campus is located in the Texas Medical Center, and School of Nursing students enjoy the resources of a distinguished Health Science Center combined with the expertise of the world's largest medical center. Our school offers a broad range of course work resulting in BSN, MSN, or DSN degrees. We also provide a wide variety of settings in which students and faculty can study, conduct research, and participate in clinical practice.

- ▶ [Center for Education and Information Resources](#)



# Digital Commons @ The Texas Medical Center

Digital Commons @ The Texas Medical Center

HOME >> UTH SON

Account

My me

Houston Academy of  
icine-Texas Medical  
ter Library

Search

Advanced Search

powered by  
**bepress**

Quest  
on and Learning

## The University of Texas School of Nursing at Houston

Established in 1972, The University of Texas School of Nursing at Houston is ranked in the top ten percent of nursing schools in the country. Our campus is located in the Texas Medical Center, and School of Nursing students enjoy the resources of a distinguished Health Science Center combined with the expertise of the world's largest medical center. Our school offers a broad range of course work resulting in BSN, MSN, or DSN degrees. We also provide a wide variety of settings in which students and faculty can study, conduct research, and participate in clinical practice.

Search all documents posted for *The University of Texas School of Nursing at Houston*:

Search:

[\[Advanced Search\]](#)



Browse the *The University of Texas School of Nursing at Houston* Collections:





# Digital Commons @ The Texas Medical Center

HOME >> UTH SON >> CEIR

Account navigation menu with links for Home, UTH SON, CEIR, and other site features.

## Center for Education and Information Resources

The Center for Education and Information Resources (CEIR) plans, develops, and implements numerous educational and information technological projects and offers related resources in support of the students, faculty, and staff of the SON that encourages the attainment of the University of Texas Houston Health Science Center at Houston's mission and the goals of the SON. The purpose of the CEIR is to "implement technology that enhances teaching excellence and quality learning."

Search all documents posted for Center for Education and Information Resources:

  
  
[\[Advanced Search\]](#)

**Implement Creative Commons for control of intellectual property rights**

[\[CEIR Collections\]](#) [\[Search CEIR\]](#) [\[CEIR Website\]](#) [\[Policies\]](#)

Browse the Center for Education and Information Resources





# Creating Technology Bridges



- **Macro view**
- **Micro view**
- **Taking it to your institution**
- **Taking it to the world**

# Macro



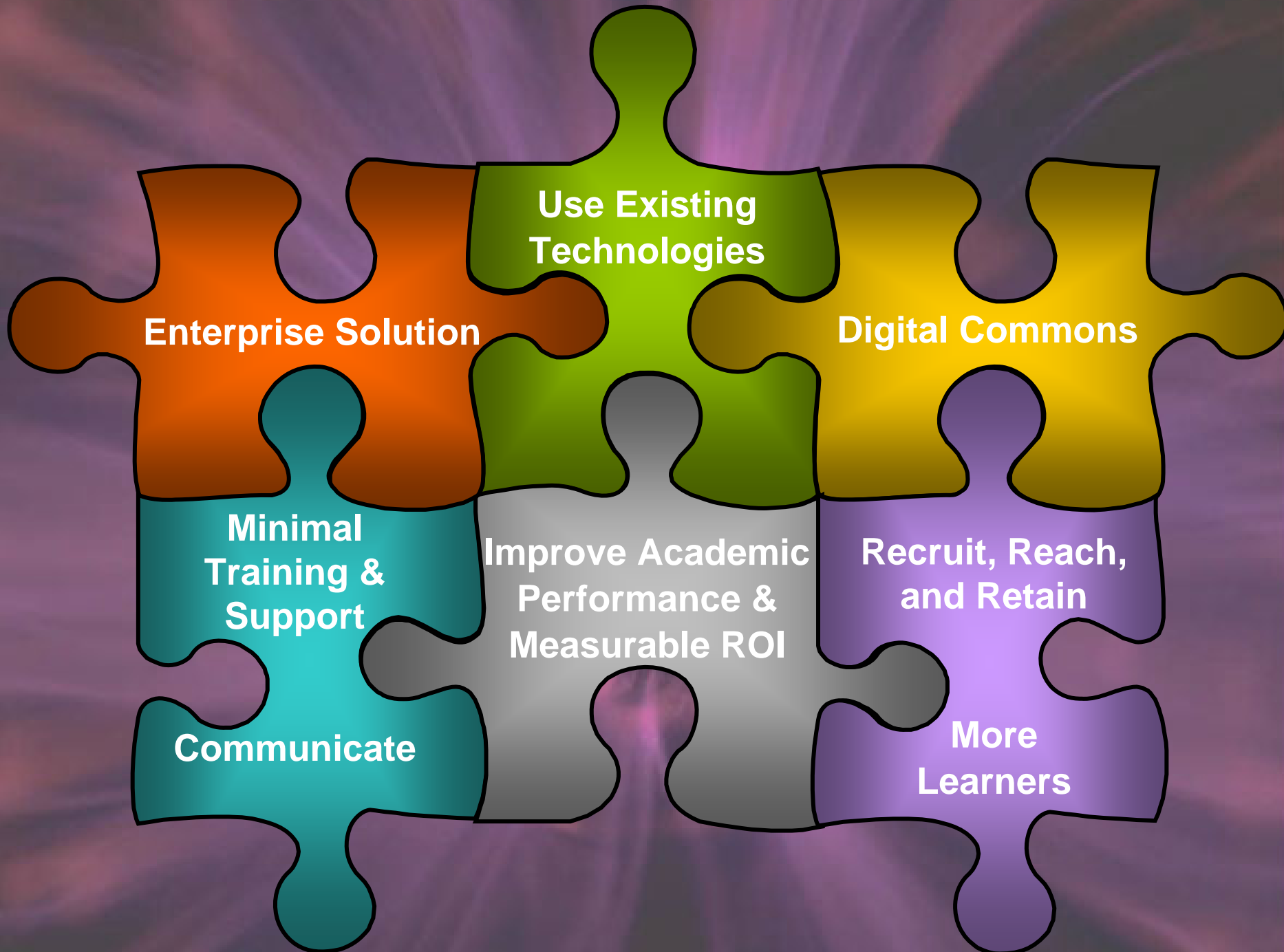
- **Classrooms to the world**
- **Instructors to the world**
- **The world to classrooms**
- **Internet**
  - **Video**
  - **Audio**
  - **Text**
  - **Games**
  - **Collaboration**



**Vaunette P. Fay, PhD, APRN, GNP**  
Associate Professor of Nursing  
The University of Texas School of Nursing at Houston

# Micro Level Silos and Bridges

- **The campus/the facility**
  - Faculty (Learning Leaders)
  - IT department
  - Resources
  - Students (Learners)
- **Build bridges and collaborate to create new learning environments**



**Enterprise Solution**

**Use Existing  
Technologies**

**Digital Commons**

**Minimal  
Training &  
Support**

**Improve Academic  
Performance &  
Measurable ROI**

**Recruit, Reach,  
and Retain**

**Communicate**

**More  
Learners**

# The University of Texas School of Nursing at Houston

- Janet G. Johnson, MA
- Linda L. Crays, MA
- William Bryan Hillier

Houston Academy of Medicine –Texas  
Medical Center Library

- Leah Krevit, MLIS



<http://www.son.uth.tmc.edu>

A glowing purple globe is centered in the image, with numerous light rays radiating outwards from it, creating a starburst effect against a dark purple background. The globe shows some landmasses in a darker shade of purple.

# **Putting It All Together**

**Design drivers to move your  
classroom from your campus  
to the world**