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Putting It All Together

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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.](#)

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- 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)

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School of Health Information Science	🔑			1
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start Abstract... Presenta... Leah discussio... Click to M... screensh...

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 rays radiating outwards from it. The background is a dark purple gradient. The text is overlaid on the brain and rays.

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

**Capture for discovery in
Digital Commons**

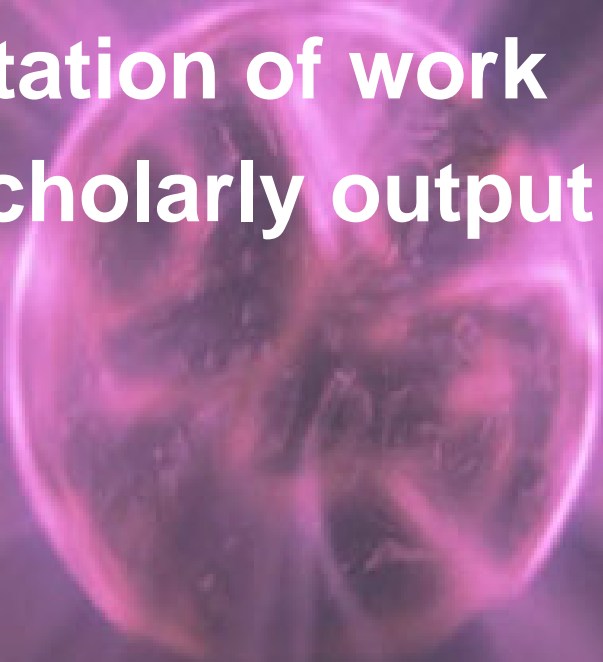
Capturing: The Digital Commons

- **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**
- 



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[Advances in Teaching and Learning 2005 Webcast - Introductions and Expert Panel](#)

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Managing digital assets enables discovery and access

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<u>Author</u>	<u>Year</u>	<u>Title</u>	<u>Publication</u>
Vaunette P. Fay PhD, Nina Selz, and Jan Johnson	2005	<u>Active Learning in Nursing Education</u>	<u>Center for Education and Information Resources Publications</u>

Creating Technology Bridges



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

Macro



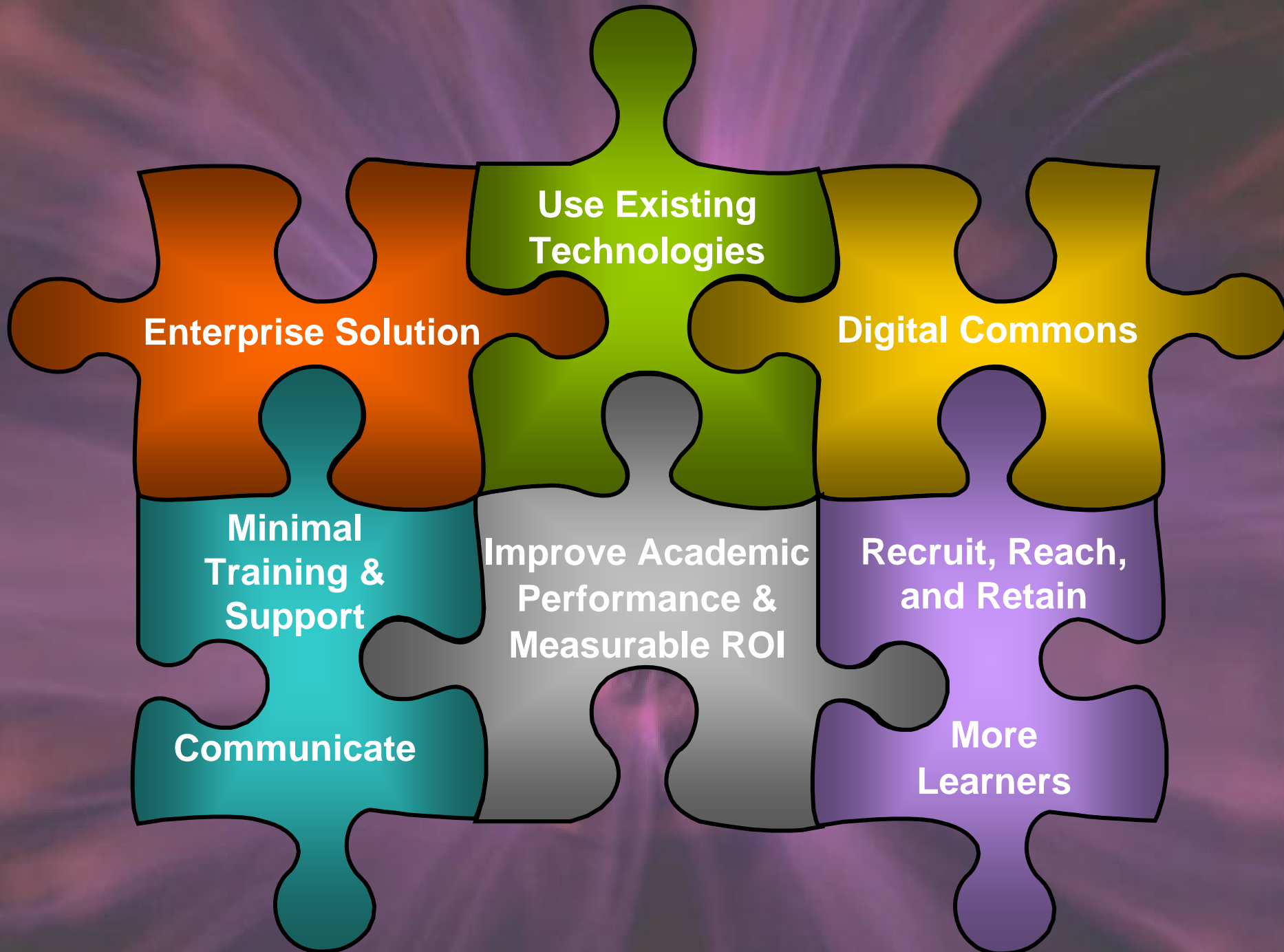
- **Classrooms to the world**
- **Instructors to the world**
- **The world to classrooms**
- **Internet**
 - **Video**
 - **Audio**
 - **Text**
 - **Games**
 - **Collaboration**



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**

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