

1-2008

# Enhancing teaching and learning: Integrating technology and nursing education

Kellie Smith, EdD, RN

*Thomas Jefferson University, [kellie.smith@jefferson.edu](mailto:kellie.smith@jefferson.edu)*

Elizabeth Elkind, RNC, MSN, MBA, PhD(c)

*Thomas Jefferson University, [eelkind@temple.edu](mailto:eelkind@temple.edu)*

## [Let us know how access to this document benefits you](#)

Follow this and additional works at: <http://jdc.jefferson.edu/nursfp> Part of the [Education Commons](#), and the [Nursing Commons](#)

### Recommended Citation

Smith, EdD, RN, Kellie and Elkind, RNC, MSN, MBA, PhD(c), Elizabeth, "Enhancing teaching and learning: Integrating technology and nursing education" (2008). *College of Nursing Faculty Papers & Presentations*. Paper 58.

<http://jdc.jefferson.edu/nursfp/58>

This Article is brought to you for free and open access by the Jefferson Digital Commons. The Jefferson Digital Commons is a service of Thomas Jefferson University's [Center for Teaching and Learning \(CTL\)](#). The Commons is a showcase for Jefferson books and journals, peer-reviewed scholarly publications, unique historical collections from the University archives, and teaching tools. The Jefferson Digital Commons allows researchers and interested readers anywhere in the world to learn about and keep up to date with Jefferson scholarship. This article has been accepted for inclusion in College of Nursing Faculty Papers & Presentations by an authorized administrator of the Jefferson Digital Commons. For more information, please contact: [JeffersonDigitalCommons@jefferson.edu](mailto:JeffersonDigitalCommons@jefferson.edu).



**Enhancing teaching and learning:  
Integrating technology and  
nursing education**

**Enhancing teaching and learning:  
Integrating technology  
and nursing education**

---

**Kellie Smith, RN, MSN**

**Elizabeth Elkind, RNC, MSN, MBA**

*Faculty Development- January 7<sup>th</sup> 2008*

# Why use technology in nursing education?

- Course Organization
- Efficiency and effectiveness
- Learning styles (<http://www.vark-learn.com>)
- Informatics
- Future- new generation of learners



# Organization

- Classroom and online courses
  - Blackboard (Pulse)
    - Assignments (grade book)
    - Learning Units
    - Announcements
    - Examples N300, N309, N625
- Document management system
  - Jeffshare
    - Xythos drive
    - Web UI interface
    - Workflow management

# Efficiency and Effectiveness

- Standardization
- Research studies...

# Learning Styles and Enhancing Interactivity

- Discussion board
  - E- poster presentation
- Audience response



- Captivate
  - Orientation
    - N300 example
  - Lectures
  - Evaluation
    - Formative
    - Summative

From the list below select the stage that best describes where you are now. *Choose only one.*

1. Stage 1: aware that technology exists but limited use of it.
2. Stage 2: trying to learn the basics- often frustrated and lack confidence.
3. Stage 3: gaining a sense of confidence in using the computer for specific tasks.
4. Stage 4: able to use the computer in many applications and as an instructional tool.



I use technology to: *(select all that apply)*

1. Enhance my personal productivity
2. Present course content to students
3. Enhance student-to-student collaboration
4. Enhance student-to-expert collaboration
5. Entertain students with "bells and whistles"
6. Motivate students

What technologies have you infused into your current courses? (*select all that apply*)

1. Wikis
2. Blogs
3. Webinars
4. Multi-media such as Captivate
5. Audience response
6. Simulation
7. None of the above

De.lic.ious is \_\_\_\_\_.

1. an enjoyable taste
2. an e-learning note pad
3. a social bookmark manager
4. the phonetic breakdown

# Informatics

- Self- Assessment questionnaire results
- Steps to advance your competency...

# Technology in the classroom

## ■ Examples

- Audience Response
- PDA project (N306)
- Simulation (lab)
- Podcasting (recording lectures)
- Hybrid course (N309)
- Apresso
- Audio Visual

# Technology and Online Courses

- Examples:
  - E-portfolios
    - MSN informatics program
    - RN- BSN program
  - Web 2.0
    - Wiki, Blogs
  - Web site evaluation
  - E-pop conferencing
  - De.lic.ous

# Future possibilities

- Interactive screen
- Virtual life/ virtual case scenarios
- Social networking:
  - My space, face book, Utube
- Etc...

# Resources

- AISR-JeffIT- Pulse Users Group
- Blackboard
  - <http://www.blackboard.com>
  - Listservs
- Merlot ([www.merlot.org](http://www.merlot.org))
- Educause (<http://www.educause.edu>)
- Sloan-C (<http://www.sloan-c.org/>)
- USDLA (US Distance Learning Association) (<http://www.usdla.org/>)

