Jan 16th, 1:00 PM - 1:50 PM

Student Learning and Assessment with Electronic Portfolios

Thomas Brady
Bridgewater State College, thomas.brady@bridgew.edu

Martin Grossman
Bridgewater State College, mgrossman@bridgew.edu

Follow this and additional works at: http://vc.bridgew.edu/edtech

Available at: http://vc.bridgew.edu/edtech/2008/sessions/11

This item is available as part of Virtual Commons, the open-access institutional repository of Bridgewater State University, Bridgewater, Massachusetts.
STUDENT LEARNING AND ASSESSMENT WITH E-PORTFOLIOS
BSC’s e-Portfolio Presenters

- **Dr. Martin Grossman**  
  Assistant Professor  
  Management  
  School of Business  
  mgrossman@bridgew.edu

- **Dr. Thomas Brady**  
  Assistant Professor  
  Secondary Education and Professional Programs  
  School of Education  
  thomas.brady@bridgew.edu
A major trend in higher education has been the introduction of performance-based measures to assess student learning outcomes.

The e-portfolio has proven to be an effective platform to accomplish this, and is being adopted at the course, program, and institutional levels in colleges and universities.

Students are quickly adopting this technology into their course requirements, allowing their faculty members to monitor their progress electronically.

Thank you for joining this session to learn more about the use of e-portfolios through an online demonstration and a discussion with those who have started to use this solution.
Types of e-Portfolios

- Assessment portfolios are collections of student work showing a student's progress towards, and achievement of, course-specific learning objectives—in other words showing evidence of what the student can do.

- Types of assessment portfolios
  - Formative: progress over time
  - Summative: best work
  - Professional: for potential employers
E-Portfolios: Added Value

- Provides …
  - development of multimedia skills
  - assessment of student learning
  - student and faculty collaboration through reflection on coursework and program progress
  - promotes clearly demonstrated growth over time

- Program value
  - encourages faculty discussion of program goals and objectives
  - encourages consistent expectations across programs

- May be aligned with professional standards
  - facilitates collection & analysis of aggregate data for program evaluation purposes
E-Portfolios: Added Value

- On-line Learning
  - Cohesive view of student’s progress
  - Focal point for student/faculty communication
  - Supports performance-based assessments
  - No exchange of hard copy
    - Good for environment
    - Good for cost reduction
  - Data source for evaluation of online programs
Your Decision to Use e-Portfolios?

- Does your program currently collect and store student work over time?
- Does your program respond to state or national standards for curriculum development and assessments?
- Does your program have professional licensure requirements?
- Do your students create professional portfolios for job searches?
Your Decision to Use e-Portfolios?

- **Needs for Success**
  - e-portfolio coordinator
  - buy-in from faculty, students, and administration

- **Concerns**
  - right tool for all disciplines?
  - costs and payment process
  - copyright and permissions
  - faculty and student workloads
You Have Decided to Use e-Portfolios

- Task Force
  - To determine the range of academic needs that an e-Portfolio system can accommodate
  - To engage members of the community in the evaluation of an e-Portfolio system
  - To evaluate software products with regard to their ability to meet different needs
  - To implement a pilot project and assess the value of the selected software system
  - To ensure that adequate support is available during the pilot
  - To determine the methods for archival of student products
  - To recommend future steps
History of e-Portfolios and the e-Portfolio Task Force at BSC

- Pre-2004: most of our programs were using 3-ring binders for portfolios
- 2004: some School of Education programs began creating web pages as e-portfolios
- 2005: Institutional Research office convenes working group to investigate and address growing campus-wide interest in e-portfolio solutions
- 2005-2006: Year spent defining e-portfolio purpose and researching software solutions
- 2006: some School of Education programs began e-Portfolio pilot with a product called TaskStream
- 2006-2007: Year spent refining needs associated with pilot and assessment of student and faculty experiences
- 2007: some School of Education programs began e-Portfolio pilot with a product called e-Portfolio.org
- 2008: White Paper to Academic Deans and Provost summarizing charge of Task Force, reasons for using e-Portfolios, research methods, pilot implementation and results, and recommendations for adoption
Where are e-Portfolios being used at Bridgewater State College today?

- School of Education
  - NCATE
  - Department of Secondary Education and Professional Programs
    - Educational Leadership
    - Instructional Technology
    - Accelerated Post-Baccalaureate (APB) Program
  - Professional Portfolios for Faculty Advancement
    - Reappointment, Promotion and Tenure
Where else would BSC like to see e-Portfolios being used on campus?

- Career Services
  - Work study students
- Service Learning
  - Community service
- Study Abroad
- First and Second Year Seminars
- Any course that would have a reflective piece
  - Helen Barrett – Lifelong Learning
BSC’s APB program & e-Portfolios

- 3-ring Binders: How we used to do it
- e-Portfolio pilot: Now how we do it

Issues
- Digital immigrants vs. digital natives (Prensky)
- Does the medium take time and effort away from product?
- Need “buy in” from instructors and students

Benefits
- Dynamic interface for showing student work
- Able to get feedback from many parties simultaneously
- Moving people to better comfort level with technology
- Uses in interviewing setting
BSC’s APB program & e-Portfolios

- Standards Based
  - “The PPA”: Preservice Performance Assessment
    - www.bridgew.edu/LicensureFieldPlacement/PPAsite.cfm
Projects, Portfolios & Work with ePortfolio.org

- **Samples**

You have successfully logged out of the ePortfolio.org system.

**Use ePortfolio to achieve your goals:**
- Create a plan of study
- Maintain a dynamic resume of your experiences in life, work, study, and at play
- Store examples of your achievements (documents, photos, graphics, spreadsheets, web pages)
- Create media-rich Guest Views to share with family, friends, employers, faculty, and others
- Showcase your accomplishments!

**What can ePortfolio do for you?**

**Students**
- Showcase achievements on individualized Guest pages
- Collect and reflect on your work
- Share your educational and work experience
- Create dynamic resumes
- Create a plan of study and work online with your Advisor

**Instructors**
- Create Portfolio Projects with scoring rubrics
- Create Joint Projects with other Instructors
- Comment and score students’ work online
- Create teaching or promotion portfolios
- Showcase Achievements

**Institutions**
- Collect student work for Outcomes Assessment
- Select work randomly and anonymously
- Use scoring rubrics
- Generate reports
- Export raw data for further analysis
Projects, Portfolios & Work with ePortfolio.org

- Samples
Projects, Portfolios & Work with ePortfolio.org

- Samples
Sample e-portfolios

http://www.eportfolio.org/public.cfm?uc=633meb4
http://www.eportfolio.org/public.cfm?uc=548rnr1
http://www.eportfolio.org/public.cfm?uc=263hir6
http://www.eportfolio.org/public.cfm?uc=777ikf2
http://www.eportfolio.org/public.cfm?uc=988axd1
http://www.eportfolio.org/public.cfm?uc=495qtn5
http://www.eportfolio.org/public.cfm?uc=645sde4
Questions and Discussion