

**Professional Development Grant Recipients
Awarded: Academic Year 2005-06 (Implemented FY2007)**

A Tablet PC-Based, Cooperative Learning Environment for a Multidisciplinary IT Course

W. Richards Adrion
Professor - Department of Computer Science, UMass Amherst, PI

**Pilot Study to Measure the Pedagogical Benefits of Incorporating
Dance Dance Revolution into the Undergraduate Music and Dance Curriculum**

Brent Auerbach
Visiting Assistant Professor - Department of Music and Dance, UMass Amherst, PI

TH100-- Introduction to Theater General Education Course Website & Interactive Module

Mark Dean
General Manager and Lecturer– Department of Theater, UMass Amherst, PI
Harley Erdman
Professor and Chair – Department of Theater, UMass Amherst, PI

Interactive Online Homework for Chemistry 471

David Gross
Associate Professor – Department of Biochemistry and Molecular Biology, UMass Amherst, PI

Integrating Tablet PCs into a High-Enrollment General Education Course, Biology 105

Jeffrey Podos
Associate Professor – Department of Biology, UMass Amherst, PI

**Development of Video Games for Teaching Basic Concepts
and Skills in Introductory Organic Chemistry**

Gary J. Snyder
Lecturer – Department of Chemistry, UMass Amherst, PI

**Creating Live E-Learning Environments:
Exploring Horizon Wimba *Live Classroom* in WebCT**

Panayota Gounari
Assistant Professor - Applied Linguistics, UMass Boston, PI

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Video Capture and Delivery of Web-based Library Research Instruction

George Hart
Outreach/Service Integration Librarian - Healey Library, UMass Boston, PI

Pilot Study of a Campus-wide ePortfolio System to Assess Student Learning

Peter Langer
Dean / Associate Provost – Graduate School of Education, UMass Boston, PI

Digital Image Search and Distribution System – Phase 3

Allison J. Cywin
Visual Resource Curator - Department of Art History, UMass Dartmouth, PI

Writing and Publishing in Digital Environments: Podcasting the Radio Essay

Catherine Houser
Chair – Department of English / Women's Studies, UMass Dartmouth, PI

UMass Dartmouth ePortfolio: Phase Three

Jeannette Riley
Associate Professor / Director – Department of English / Women's Studies, UMass Dartmouth, PI
Magali Carrera
Professor - Department of Art History, UMass Dartmouth, PI

**Using Atmospheric Models as Tools to Facilitate Learning and
Provide Professional Development for Undergraduate Students**

Mathew Barlow
Assistant Professor – Department of Environmental, Earth, and Atmospheric Sciences, UMass Lowell, PI

**E-Portfolios as Tools for Programmatic and
Student Based Assessment in Health Education**

Nicole J. Champagne
Assistant Professor – Department of Community Health & Sustainability, UMass Lowell, PI

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**Tablets at the Bedside: Accuracy Testing of Secure
Wireless-Based Data Entry in a Nursing Education Laboratory**

Adam Elbirt
Assistant Professor – Department of Computer Science, UMass Lowell, PI

The Virtual Listening Room

Gena Greher
Assistant Professor – Department of Music Education, UMass Lowell, PI

Distance Learning via Mobile Phones

Luvai Motiwalla
Associate Professor of MIS – College of Management, UMass Lowell PI

Using Tablet PC's Interactively to Teach Critical Thinking in Real Analysis

Vidhu S. Prasad
Professor – Department of Mathematics, UMass Lowell, PI

Enhancing Online Teaching through Podcasting

Michelle Scribner-MacLean
Visiting Assistant Professor - Graduate School of Education, UMass Lowell, PI

Portable Small Format Video

Mitchell Shuldman
Librarian and Head - Division of Media Services, UMass Lowell, PI

**Evaluating the Benefits of Open Source
Mapping Software (OSMS) for the Purposes of Crime Mapping**

Jacob I. Stowell
Assistant Professor - Criminal Justice and Criminology, UMass Lowell, PI
April Pattavina
Assistant Professor - Criminal Justice and Criminology, UMass Lowell, PI

**Robot Study: A Universal Teaching IDE for Undergraduate
Computer System Courses Using Robots and Tablet PC**

Li Xu
Assistant Professor – Department of Computer Science, UMass Lowell, PI
