

**Professional Development Grant Recipients
Academic Year 2006-07**

**Utilization of Digital Video Recorders and DartFish Software
for Student-Athlete Development and Coaching Education**

James W. Deitz (grant transferred from Alex Binkowski)
Head Coach - Women's Rowing, UMass Amherst, PI

**Curriculum Mapping in Educational Administration:
Enhancing Professional Practice Through the Use of Technology**

Rebecca Gajda
Assistant Professor - Department of Educational Policy, Research, and Administration,
UMass Amherst, PI

Interactive Electronic Textbook for Physical Chemistry

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

**Using Eye-Tracking Technology to Teach Nursing Students
Surveillance Skills to Reduce Medical Error**

Elizabeth A. Henneman
Assistant Professor – School of Nursing, UMass Amherst, PI

Software Support for Evaluator-Integrated Books

Robert Moll
Associate Professor – Department of Computer Science, UMass Amherst, PI
David Hart
Director – Center for Educational Software Development, UMass Amherst, PI

**Community of Practice:
The Use of Personal Response System Technology in Large Lectures**

Mei-Yau Shih
Associate Director - Center for Teaching, UMass Amherst, PI

**Enhancing Faculty-Student Interactions In Large Enrollment Science Classes
Using Inking, Wireless And Capture Technology**

Karsten Theis
Assistant Professor - Biochemistry and Molecular Biology, UMass Amherst, PI

**Professional Development Grant Recipients
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Teaching Writing in a Digital Age: Technology Fellows for the University Writing Program

David Fleming

Associate Professor – English, Director, University Writing Program, UMass Amherst, PI

**Incorporating Video and Audio Podcasting into the Teaching of Abnormal Psychology:
Using Emerging Technology to Enhance Learning Through Diversified Teaching
Methods and Asynchronous Content.**

Christopher Overtree

Director - Psychological Services Center, Department of Psychology, Clinical Division,
UMass Amherst, PI

Teaching and Learning with Technology: An Assessment of Best Practices

Elena Carbone

Associate Professor – Department of Nutrition, UMass Amherst, PI

**Making Mathematics Accessible to All: A Video, Website and Workshop Employing
Universal Design to Teaching Mathematics**

Stan Dick

Assistant Professor - Math Education, Center for Science and Math in Context, UMass Boston, PI

New England Ethnic Newswire Digital Media Project

Ellen Hume

Director - Center on Media and Society, UMass Boston, PI

**To Enhance Student Learning Through the Use of Technology by Conducting a Pilot Study
Concerning the Use of a Classroom Capture System**

John Jessoe

Director - Distance Learning Video Production Center, UMass Boston, PI

Blended Learning and On-line Tutoring

Mary Simone

Educational Technologist - Division of Educational Technology and Learning Commons,
UMass Boston, PI

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**An Interdisciplinary, Intercampus Website:
Teaching 17th – and 18th Century political and Literary Culture**

Malcolm Smuts
Professor – Department of History, UMass Boston, PI

Digital Image Search and Distribution System

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

Learning Objects and Media Education for the 21st Century

Magali Carrera
Professor - Department of Art History, UMass Dartmouth, PI
Don King
Internet Development Manager / Web Master, Computing and Information Technology Services,
UMass Dartmouth, PI

**Webinars with Blended Online Technologies:
Radicalizing Instruction for Qualitative Research Methodology**

Judith Davidson
Assistant Professor - Graduate School of Education, UMass Lowell, PI

**Enhancing Zoology with Digital Technology:
Digital Microscopes and the Production of the DVD Manual,
“A Practical Laboratory Guide to Invertebrate Structure, Function and Behavior”**

Richard Hochberg
Assistant Professor – Zoology, Department of Biological Sciences, UMass Lowell, PI

**Bridging The Gap Between the PDA and Tablet in Healthcare:
The Ultra Mobile Portable Computer at the Bedside**

Patrick Scollin
Assistant Professor – Department of Community Health and Sustainability, UMass Lowell PI
John Callahan
Systems Librarian, UMass Lowell Libraries, UMass Lowell PI
Celeste Campbell
Clinical Assistant Professor – Department of Nursing, UMass Lowell PI
Ainat Koren
Assistant Professor – Department of Nursing, UMass Lowell, PI

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Camtasia Studio 4.0

Mitchell Shuldman
Librarian and Head - Division of Media Services, UMass Lowell, PI
Charmaine P. Hickey
Director – Faculty Center, UMass Lowell, PI

Using Web 2.0 Tools to Deepen Student Engagement & Faculty Collaboration

Steven F. Tello
Assistant Professor - Management Group, UMass Lowell, PI

**Active Learning With Robot: Using Physical and Virtual Robots
to Enhance Undergraduate Computer Science Courses**

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

**Optimizing Learning from Rich Multimedia Objects Using Micro Personal Computers:
Evaluation of Educational Impact**

Susan Billings-Gagliardi
Professor - Cell Biology and Neurology, Department of Cell Biology, UMass Medical School, PI

**A Multidisciplinary Simulator-Based Approach for
Teaching and Learning Central Versus Catheter Insertion**

Sarah M. McGee
Coordinator - Curriculum Integration (Office of Medical Education), UMass Medical School, PI
Susan J. Pasquale
Director – Curriculum and Faculty Development (Office of Medical Education),
UMass Medical School, PI

**Development of a Web Services Interface to Populate a
Campus Learning Object Repository from WebCT Vista**

Ralph J. Zottola
Associate CIO and Instructor - Biochemistry and Molecular Pharmacology,
UMass Medical School, PI
