

**Academic Technology Grant Recipients  
Academic Year 2007-08 (FY 2009)**

---

**Design, Development and Implementation of Audio/Video Capture Technology  
to Enhance Effectiveness of the Disfluent Speech Transcription Process**

Patricia A. Mercaitis, Associate Professor – Communication Disorders Department, UMass Amherst, PI

---

**Preparatory Chemistry: Evaluator-Integrated Book for Distance Learning and Blended Courses**

Beatrice Botch, Senior Lecturer - Department of Chemistry, UMass Amherst, PI

---

**Using the Personal Response System and the Interactive Whiteboard  
to Improve Teaching and Learning in Graduate Level Courses**

Jennifer Randall, Assistant Professor – Educational Policy, Research, and Administration Department,  
School of Education, UMass Amherst, PI

---

**No More Pencils, No More Books.....No More Overheads  
and Markers: Communication Disorders 211 Revised**

Sarah F. Poissant, Associate Professor – Communication Disorders Department, UMass Amherst, PI

---

**The Role of Mobile Devices for Contextual Learning: Plant Biodiversity as a Model**

Robert Stevenson, Associate Professor – Department of Biology, UMass Boston, PI

Jerry Schoen, Director – Massachusetts Water Watch Partnership, UMass Amherst, Co-PI

---

**Evaluation of Learning Outcomes for a Blended Course Format**

Michael Milburn, Professor – Department of Psychology, UMass Boston, PI

---

**Web 2-0 Workshops for UMB Faculty and Secondary School Teachers**

Mary Simone, Educational Technologist – IT Manager, UMass Boston, PI

---

**Learning Can Be del.icio.us: Using Social Tagging to Facilitate  
Asynchronous Research Collaboration in Undergraduate Management Courses**

Pacey Foster, Assistant Professor – College of Management, UMass Boston, PI

---

**Academic Technology Grant Recipients  
Academic Year 2007-08 (FY 2009)**

---

**The Use of Technology to Improve Assessment of Pre-Service Teacher Learning Outcomes**

MaryAnn Byrnes, Associate Professor – Moderate Disabilities, UMass Boston, Co-PI

Janna Jackson, Assistant Professor – English Education, UMass Boston, Co-PI

Stephen Ribisi, Jr., Assistant Professor – Science Education, UMass Boston, Co-PI

---

**Enhancing Science Learning with Clickers**

William Robinson, Professor - Environmental, Earth and Ocean Sciences, UMass Boston, Co-PI

Hannah Sevian, Associate Professor – Curriculum & Instruction and Chemistry, UMass Boston, Co-PI

---

**Removing Barriers of Economy: Technology and Academics**

Brenda D'Alotto, Academic Support Specialist - Boston Ready Grant, Institute for Community Inclusion, UMass Boston, Co-PI

Patricia Paugh, Assistant Professor – Curriculum & Instruction Program, UMass Boston, Co-PI

---

**The Ancient City of Teotihuacan:  
A Multidisciplinary Approach to Virtual Learning Environments**

Scott Ahrens, Associate Professor – Department of Design/Digital Media Program, UMass Dartmouth, PI

---

**Using Remote Response Technology to Enhance  
and Understand Learning in a Large Classroom: An Empirical Investigation**

Amy Shapiro, Professor – Department of Psychology, UMass Dartmouth, PI

---

**Innovative Approaches for Success with Millennial Learners and the  
Google Generation: Using Personal Response System Technology  
to Enhance Student Nurse Learning in Large Size Classrooms**

Susan M. Hunter, Assistant Professor - Department of Adult and Child Nursing, UMass Dartmouth, Co-PI

Mary K. McCurry, Assistant Professor - Department of Adult and Child Nursing, UMass Dartmouth, Co-PI

---

**Art and Engineering Synergy in Computer Game Development**

Iren Valova, Associate Professor, Computer and Information Science, UMass Dartmouth, PI

---

**Academic Technology Grant Recipients  
Academic Year 2007-08 (FY 2009)**

---

**Using Electronic Webfolios to Facilitate Assessment for Learning  
in UMD Spanish Classrooms: A Programmatic Initiative**

Christina Biron, Professor – Foreign Literature and Languages, UMass Dartmouth, PI

---

**Teaching Health Assessment To Nursing Students  
Using Web-Based Virtual Clinical Excursion Modules**

Barbara Weatherford, Lecturer – College of Nursing, UMass Dartmouth, PI

---

**Multi-modal Language Acquisition Through the Use of Technology**

Joao Rosa, Assistant Professor – Department of Education, UMass Dartmouth PI

Carlos Almeida - Department of Portuguese, UMass Dartmouth Co-PI

Tyra Lopes – Center for University, School and Community Partnerships, UMass Dartmouth PI

---

**Enhanced Learning and Advice Through Online Assignments**

Kenneth Levasseur, Professor – Mathematical Sciences, UMass Lowell, PI

---

**Success of First-Year Calculus & Physics Students Using Online Tutoring**

Shelia Riley-Callahan, Executive Director of Academic Services & Special Programs, Centers for Learning & Academic Support Services, UMass Lowell, PI

---

**KnowHow! Creating Online Information Literacy Instructional Modules**

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

---

**Electronic Resources and Services and UMass Lowell Libraries:  
Improved Access and Usage Through Usability Testing and Instruction**

Joseph Fisher, Database Management Librarian and Web Master – O'Leary Library, UMass Lowell, PI

---

**Reflection: A Comparison of Facilitated Face-to-Face  
Discussion and Blog Entries to Enhance Student Learning**

Melissa Fischer, Assistant Professor – Department of Internal Medicine) UMass Medical School, PI

---