

Curriculum and Instructional Grants

Grant Recipients 1997-1998 through 2005-2008

Primary Applicant 1997-1998	Department	Title of Project
Ashiru, Oladapo	Anatomy and Cell Biology	Interactive Embryology
Cai, Lisheng	Chemistry	Conductivity Meter for Undergraduate Inorganic Chemistry Laboratory
Chung, Ulric & Nancy Lam	Pharmacy Practice	Evaluating Intelligent Simulations in Pharmacy
Cruz, Anne	Spanish, French, Italian, and Portugese	Women Writers of the Spanish Golden Age
Fausch, Deborah	Art History	A New Method of Treating American Architectural History
Halliwell, Clive	Physics	Teaching Electromagnetism and Modern Physics with the Aid of Computers
Hupert, Jordan	Pediatrics	Teaching Evidence-Based Medicine with Web-Site -Based Curriculum
Karlsson, Jens	Mechanical Engineering	A Teaching Laboratory for Courses in Dynamic Systems Analysis
Levin, Pamela	Public Health, Mental Health, and Administrative Nursing	Converting an Undergraduate Nursing Course to a Web-Based Format
Malagrino, Slivia	Art and Design	Creation of a New Course: Advanced Digital Media and Cross-Media Explorations
Steinberg, Arnold	Periodontics	A Revised Course in Preventive Dentistry Using the Computer
Valenta, Annette	Biomedical and Health Information Sciences	Faculty & Adult Learners' Perspectives of Web-Based Instruction
Woodbury, Charles	Medicinal Chemistry and Pharmacognosy	Clinical Cases in Biochemisrty

Young, Paul	Chemistry	Development of an Interactive Tutorial in Undergraduate Organic Chemistry
1998-1999		
Chiswick, Barry	Economics	Developing a Course in Teaching Economics
Drummond, James	Restorative Dentistry	Restorative 342: Advanced Dental Materials for Students and Dentists Utilizing a Multimedia Approach
Guenther, Thomas	Pharmacology	Web Site Development for Medical Pharmacology
Hanley, Luke	Chemistry	Upgrading the Laboratory Curriculum for CHEM 222
Kastrissios, Helen	Pharmoceutics and Pharmacodynamics	World Wide Web Tutorials in Pharmacokinetics
Koerber, Anne	Pediatric Dentistry	A Course to Teach Communication Skills to Dental Students
Linninger, Andreas	Chemical Engineering	Integrated Chemical Engineering and Industrial Outreach
McCracken, Peggy Sue	Spanish, French, Italian, and Portugese	On-line Supplemental Instruction in French
Naylor, David	Electrical Engineering and Computer Science	Interactive Electronics Laboratory
Pagnamenta, Antonio	Physics	Design of Demonstration Experiments for Introductory Physics Courses
Royston, Thomas	Mechanical Engineering	Science, Math, and Engineering Education Through Music and the Internet
Susanne Rott	German	Developing Culture-Based Multimedia Materials for German Language Instruction
Wexman, Virginia	English	Creating Slides for Introductory Film Classes
1999-2000		
Aggarwal, Suresh	Mechanical Engineering	Development of Web-Based Experiments for Fluid Mechanics Courses

Conroy, Peter V.	Spanish, French, Italian, and Portuguese	Computers and French Composition
Delaney, Elizabeth	Education	Adaptive Computer Learning Center: Technology for All
Gassman, Merrill	Biological Sciences	Development of Multimedia Software for the BIOS 100 Laboratory
Goldberg, Jeffrey	Obstetrics and Gynecology	New Methods for Teaching Pelvic Exam Skills to Medical Students
Hall, James (c/o Vainis Aleksa)	English (Writing Center)	Peer Writing Consultants in the Disciplines
Huntington, John	English	Summer Workshops for English 101 Lecturers
Immergluck, Lilly	Pediatrics	Development of an Interactive Case Study Course in Adolescent Medicine
Jacyno, John M. (w/ Don Wink)	Chemistry	Upgrading the Laboratory Curriculum for CHEM 130
Lawless, Kimberly	Education	The TELL Project: Technology Enhanced Lending Library
Loth, Francis	Mechanical Engineering	Laboratory Instruction for Biofluids Class
Peterson, Elizabeth Walker	Occupational Therapy	Web-Based Content for Medical Conditions in Occupational Therapy
Rott, Susanne	German	Authentic UIC Classroom Video for German and French TA Training Developing a Motion Tracking System for the Evaluation and Training of Dental Students and Hygienists in the Basic Skills of Root Planing and Scaling (Tooth Cleaning)
Steinberg, Arnold D.	Periodontics	Overhaul of Chemistry 343: The Physical Chemistry Lab Course
Trenary, Michael	Chemistry	

2000-2001

Coller, B.D.	Mechanical and Industrial Engineering	Hands-on Automotive Engineering
Crawford, John M.	Periodontics	Oral Cancer Education Initiative
Darabi, Houshang	Mechanical and Industrial Engineering	Creating a New Course: Manufacturing Information Systems
He, David	Mechanical and Industrial Engineering	Development of a Web-Based Simulation Portfolio for Teaching Simulation
Koenig, Melissa	Reference	The eTrain: Delivering Library Instruction through Self-Paced Modules
Krasuski, Jack	Psychiatry	Multimedia Training in Suicide Assessment and Management
Panko, Walter B.	Biomedical and Health Information Sciences	Creating an Ethical, Legal, and Social Issues Course for the Health Information Professionals
Schaffner, Laurie	Criminal Justice	Juvenile Justice in Film
Aparicio, Frances K.	Latin American Studies	The Senior Project
Craig-Unkefer, Lesley A.	Education	Incorporating a Multimedia Approach to Pre-Service Teachers' Learning of Children with Exceptionalities
Delaney, Elizabeth M.	Education	Preparing Teachers to Work with All Young Children
Ransby, Barbara	African-American Studies	A Course on the Media with the Media

2001-2002 (Please note that due to budgetary problems, the number of awards was cut in 2001-2002)

Georgas, Helen	Reference	English 161: Achieving Information Literacy Through Interactive Online Modules
Hendrickson, William	Microbiology and Immunology	Ultraslide Studio: Real Learning in a Virtual World
Ragozzino, Michael	Psychology	Instructional Tools for Biopsychology Laboratory and Lecture Courses
Schroeder, Andreas	Physics	Seed Project for Modernizing Undergraduate Physics Laboratories

2002-2003

Ai, Zhuming	Biomedical and Health Information Sciences	Virtual Reality and Stereography for Biomedical Visualization
Flower, Martin	Earth and Environmental Sciences	Geowall:Technology in Earth Sciences Curriculum Development
Girotti, Jorge	Medical Education	Professionalism and Humanism for GPPA-Medicine Undregraduate Students
Libgober, Anatoly	Mathematics. Statcistics, and Computer Science	Long Term Evaluation of Emerging Scholars Program
Ryan, Brent	Urban Planning and Policy	Revitalizing Urban Business Districts
Williams. Jessica	English	Integrating Technology into Foreign/Second Language Teacher Education

2003-2004

Bareither, Mary Lou	Movement Sciences	Incorporation of Inquiry-Based Learning Through Computer-Assisted Instruction in a Movement Sciences Curriculum
Ding, Wenxuan	Information and Decision Sciences	A Virtual Lecture Theatre to Support Classroom Learning
Lemole, G. Michael	Neurosurgery	Development of a Neurosurgical Anatomy and Micro Dissection Laboratory at UIC
Lin, Jie	Civil and Materials Engineering	Incorporation of Metacognitive Learning in Transportation Engineering Curriculum
Lind, Rebecca Ann	Communications	Recording and Supporting Student Speeches
Mansoori, G. Ali	Chemical Engineering	Course in Atomic and Molecular Nanotechnology
Mitchell D.	Civil and Materials Engineering	Creation of Physical Visualization Experiments to Understand Hazardous Waste Site Remediation Processes

Theys,	Computer Science	Toward Active Student Behavior in the Classroom Using Tablet PCs
--------	------------------	--

2004-2005

Aggarwal, Suresh K.	Mechanical Engineering	Multi-Scale Simulations and Field Effects in Micro- and Nano-Systems: An Interdisciplinary Course
Cassata, Linda	Maternal-Child Nursing	Using Blended Learning to Teach Cultural Competence
Halliwell, Clive	Physics	Modernization of Physics 141 Undergraduate Laboratory
Hoch, Charles	Urban Planning and Policy Program	Integrating Plan Documents into the Planning Curriculum
Parker-Katz, Michelle	Special Education	Empowering Educators for Classroom Success: A Multimedia Online Module
Teitelbaum, Jeremy	Mathematics, Statistics, and Computer Science	A Comprehensive Web Portal for Student Support in Math

2005-2006 (Please note that 2005-06 awards were given in 2 rounds, 91-94 & 95-100)

Bareither, Mary Lou	Movement Sciences	Improving Visual Display of Anatomical Structures in the Human Gross Anatomy Laboratory
Daly, Jonathan	History	Using Personal-Response Technology to Intensify Student Learning in Large Humanities Course
Erricolo, Danilo	Electrical & Chemical Engineering	New undergraduate course on Transients in Electromagnetics
Forst, Linda	Environmental & Occupational Health Sciences	Occupational & Environmental Injury Epidemiology: A New Course Using Centra Symposium
Hsieh, Wu-Ying	Special Education	Enhancing Teachers' Skills in Using Early Childhood Assessment Tools
Poser, Jessica	Art & Design	Visual and Verbal Literacy: Art Education for the 21st Century

Scherrer, Carol	Information Services/Library of the Health Sciences	Teaching Evidence-Based Practice Across the Health Sciences
Schultheiss, Katrin	GWS	Local Knowledge, Global Vision: A Model World Conference on Women's Rights
Simpson, Dick	Political Science	Preparing Future Faculty
Worek, William	Electrical & Chemical Engineering	Bringing Practical Industrial Energy Assessment Experience into the Classroom

2006-2007

Banerjee, Pat	Mechanical & Industrial Engineering	Implementation of an engineering simulation based cataract surgery training lab for ophthalmology and consequent enhancements for engineering education
Brier, Jennifer	Gender & Women's Studies	Gender, Sexuality and Global Health at the Undergraduate Level
Fiscella, Richard	Pharmacy Practice	"UIC Virtually" Virtual Eye and Virtual House Normal Development in Adolescence : A Longitudinal observation in stimulus video DVD Format
Fox, Geri	Psychiatry	A Blended Learning Version of "Introduction to American Government and Politics "
McKenzie, Evan	Political Science	Solar Telescope for Earth Science and Astronomy Instruction
Plotnick, Roy	Environmental & Earth Sciences	Development of a Graduate Teaching Certificate Program
Popovich, Nicholas	Pharmacy Administration	Development of a Distributed Security Lab
Solworth, Jon	Computer Science	An Instructional Platform for Computer Security
Venkatesan, Venkatakrishnan	Computer Science	Laboratory Experiments

2007-2008

Aiyer, Meenakshy	Internal Medicine - Peoria	Subintern Competency Assessment: A Novel Approach
Aratyn, Henrik	Physics	Development of Physics Demonstrations to Enhance Introductory Physics Education

Barnhurst, Kevin	Communications	Technology for Instruction in Public Speaking at UIC (TIPS@UIC)
Marshall, Tanera	Performing Arts Collaborative for Learning Excellence	Revision of Voice Curriculum: A New Methodology
Robinson, Robinson		Enhancing Interprofessional Communication in the Health Professions
Simpson, Dick	Political Science	Chicago Film Encyclopedia of American Politics
Slimmer, Lynda	Medical-Surgical Nursing	Communicating Across Cultures in the Practice of Nursing: A Learning Experience for Nursing Students from Diverse Cultures

2008-2009

Briggs, Charlotte	Curriculum Development	Using lecture capture to modularize and then integrate biomedical science education in dentistry
Barnhurst, Kevin	Communication	Digital Audio Technology for Teaching Interviewing (DATTI)
Jones, John	Communication	Promoting Active Learning Through Higher Level Questions
Harris, Irene	Medical Education Health Systems Science	Learning Teaching Methods Using Innovative Observational Techniques
Smith, Carrol A.	Mechanical and Industrial Engineering	Interpreting Social Issues Through an Ethnographic Lens: Writing Performance Texts
Aggarwal, Suresh	Engineering	Interdisciplinary course on Bioenergy: Technical, economical and social aspects
Castro Superfine, Alison	MSCS Kinesthesiology and Nutrition	Learning Mathematics needed for teaching Integrating and linking classroom learning objectives in the exercise lab
Dugas, Jonathan Kalayannasundaram, Ramaswamy	Biomedical Sciences	Creation of a new medical bioinformatics course
Ashton, Jennifer	English	Film Terms/Film Talk: English 110 and Blended Learning
Cushing, Lisa	Special Education	Understanding Cognitive Development and Disability using blended and accelerated online learning practices

DeGroot, Sandra	Libr	Fostering scholarly communication and information technology skills a web-based tutorial for Health Sciences Graduate Students
Packard, Carol	Academic Affairs and Internal Medicine Language and Culture Learning Center	Development of a medical school digital learning object multimedia library to support a spiral curriculum spanning three phases of physician education
Rott, Suzanne		Development of blended course templates for language and heritage speaker courses