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Curriculum Vitae

Education

Distance Education Certificate Program, University of Wisconsin-Madison
December, 2005

Doctorate, Education: University of San Francisco, School of Education
Graduate research under the direction of Dr. Mathew Mitchell
December 13, 2002

Post-Master's Nursing Informatics Certificate, Duquesne University,
Pittsburgh, Pennsylvania, August, 2000

Master of Science, Nursing Education, San Jose State University, San
Jose, California, May 23, 1997

Bachelor of Science, Nursing, Seton Hall University, South Orange, New
Jersey, May 13, 1978

California Board of Registered Nursing License: 387637 (*active, 06-30-07*)

California Public Health Nurse Certificate

Gerontological Nurse Certificate

Associate of Arts, Science, Pasadena City College, Pasadena, California
June 1975

Professional Service and Societies

American Medical Informatics Association, 2005 - present

American Nursing Informatics Association, 2000 - present

American Nursing Informatics Association, Membership Chairperson, 2004 - 2007

Association for the Advancement of Computing in Education, 2004 – present

BioMed Central Medical Education Journal, Reviewer, 2006-present

Capital Area Roundtable on Informatics in Nursing (CARING), 2004 – present

Educause, Transforming Education Through Information Technologies, 2004- present

IASTED's Computer and Advanced Technology in Education (CATE), Session Chair, August 2005

International Medical Informatics Association (IMIA) Web 2.0 Exploratory Task Force – member 2007-

International Association of Science and Technology for Development (IASTED), 2005 – present

Journal of Asynchronous Learning, Editorial Board Member, 2006-present

Journal of Nursing Education, Editorial Board Member, 2005-present

Lippincott Williams & Wilkins, Contributor and Author of the Foreword for the book: *Straight A's: Pathophysiology* (2005)

Phi Delta Kappa International, 2000 - present

Sigma Theta Tau International, Nursing Honor Society, 1978 - present

Dual member: Alpha and Beta Gamma Chapters

Beta Gamma Chapter: Treasurer, 2005 - 2007

2005 Saba Leadership in Nursing Informatics Award: Selection committee member, 2005 - 2006

Nominating Committee Chairperson, Alpha Gamma Chapter, 1997

The Sloan Consortium- private member, 2004 – present

Public Health Nurse

Responsible for patient physical assessment, nursing care plans, supervision of Home Health Aids, patient education (nutrition and medical care) and referrals to multidisciplinary teams. Public health supervision of well babies and their mothers.

Aug. 1978 - Aug. 1980: The Mountainside Hospital, Montclair, New Jersey

Staff Nurse 1

Responsible for pre and post surgical care and education of clients with multi-system disease processes. Supervision of Certified Nursing Assistants and development of patient care plans.

University of San Francisco, School of Nursing, Committees

Academic Standards Committee, 1999 - present

Academic Standards Committee, Chair, 2004 - 2007

Ad-Hoc Math Committee, 2000 – 2003

Clinical Nurse Leader Conceptual Framework Committee- Chair, 2004 - 2005

Collaborative School of Nursing/School of Education Doctoral Steering Committee, 2004 - present

Faculty Association School of Nursing (FASON), Vice Chair, 2003 – Sept 8, 2006

Interim Acting FASON Chair, August 21-September 8, 2006

Nurse Faculty Search Committee, 2003 - 2005

School of Nursing Disaster Plan Committee, Chair, 2005

Neighborhood Emergency Response Team, Certificate, June, 2005

University of San Francisco, Committees

Academic Excellence University Committee, 2006-2007

Institutional Review Board of the Protection of Human Subjects, 2003 - present

University Core Curriculum Committee, Math & Science, 2003 - present

Research and Teaching Interests

My dissertation research focused on the implementation and effectiveness of an interactive multimedia learning explanation on nursing students' math achievement and self-efficacy. I am interested in using mobile and other innovative technologies in educational settings, contributing to the body of research surrounding the use and effectiveness of online learning activities, and the implementation of distance education technology to benefit students' learning. Also, I am interested in the identification of technologies that benefit healthcare professionals' practice, and the delivery of optimal health care. I have a strong interest and commitment to upholding high academic standards and the mission of the University of San Francisco. I developed an *Introduction to Nursing Informatics* course for the School of Nursing, University of San Francisco, and I taught the course during the Fall 2001 and Spring 2002 semesters at USF. I am in the process of developing the same course for graduate students.

Publications

Weaver, C., Kennedy, R., Erdley, W.S., Kim, J., Chang, P., Schrader, U., Maag (Hansen) M. (2007). Health Care in 2020. Studies in Health Technology and Informatics. Vol 128. Nursing Informatics 2020: Towards Defining Our Own Future- Proceedings of NI2006 Post Congress Conference.

Maag, M. (2007). MERLOT delivered to your desktop. CIN: Computers, Informatics, Nursing. 25(1):20-22, January/February 2007.

Maag, M. (2006). *Straight A's in pathophysiology*. Foreword. Philadelphia: Lippincott Williams & Wilkins.

Maag, M. (2006). An interactive self-paced electrocardiography (ECG) electrode placement tutorial. *Computers, Informatics, Nursing*. 24(3),131-133.

Maag, M., Buccheri, R., Capella, E., & Jennings, D. (2006). *A conceptual framework for the clinical nurse leader program*. Journal of Professional Nursing. (Nov-Dec).

Maag, M. (2006). Nursing students' attitudes toward technology: A national study. *Nurse Educator*, 31(3), 112-118.

- Maag, M., & Fonteyn, M. (2006). Reinforcing fundamental knowledge while encouraging students' artistic expression. *Journal of Nursing Education*, 45(2), 96.
- Maag, M. (2006). Podcasting and mp3 players: Emerging education technologies. *Computers Informatics Nursing*, 24(1), 9-12.
- Maag, M. (2005). Arterial blood gas (ABG) interpretation: An online learning activity for healthcare professionals. In V. Uskov (Ed.), *Proceedings of the Eighth International Conference on Computers and Advanced Technology in Education*.
- Maag, M., & Fonteyn, M. (2005). Using a collaborative learning method to enhance mastery of pathophysiology content. *Journal of Nursing Education*, 44(9), 435-436.
- Maag, M. (2004). The potential use of *blogs* in nursing education. *Computers Informatics Nursing*, 23(1), 16-24.
- Maag, M. (2004). The effectiveness of an interactive multimedia-learning tool on nursing students' math knowledge and self-efficacy. *Computers Informatics Nursing*, 22(1), 26-33.
- Maag, M. (2002). The Effectiveness of an Interactive Multimedia Learning Explanation on Baccalaureate Nursing Students' Mathematical Achievement and Self-Efficacy. (Doctoral dissertation, University of San Francisco, 2002).
- Maag, M. (2001). An online ABG learning activity. *Computers in Nursing Plus*, 4(1), 1-5.
- Maag, M. (2001). Tell me your fortune. *Journal of Gerontological Nursing*, 27(10), 56.

National Presentations

Weaving a Dynamic Web: Web v. 2.0 Applications in Education, Social Networking and Virtual Conferencing

American Medical Informatics Association
Washington DC
Panelist Presentation
November 13, 2006

Ed-Cast: An International Podcasting Collaboration to Enhance Access and Knowledge

22nd Annual Conference on Distance Teaching & Learning

University of Wisconsin-Madison

Co-Presenter of a Paper

Madison, Wisconsin

August 4, 2006

Blogging, RSS, and Podcasting: Interactive Online Teaching, Learning, and Virtual Conference Tools

22nd Annual Conference on Distance Teaching & Learning

University of Wisconsin-Madison

Half-Day Workshop Presenter

Madison, Wisconsin

August 2, 2006

Podcasting: A Learning Tool for the Nursing Nomad

California State University, Fresno

20th Annual Nursing Research Symposium

Sigma Theta Tau International, Inc., Mu Nu Chapter

Presenter

Fresno, California

April 28, 2006

An Education Podcast Repository-Building Teaching and Learning Synergies Among Higher Education Institutions

2006 EDUCAUSE Western Regional Conference

Poster Presentation

San Francisco, CA

April 25, 2006

M-Learning Technology: Mobile and Multimedia Modalities for All Learners

Technology Day 2006: Teaching in the Digital Domain

Keynote speaker

University of Illinois

Springfield, Illinois

April 14, 2006

Online Learning: Hyper Linking Higher Education to the Future

Co-keynote speaker at the Seton Hall University Faculty Winter Institute Workshop

South Orange, New Jersey

January 5, 2006

Podcasting: A New Medium for a New Voice in Healthcare Education

Eleventh Sloan-C International Conference on Asynchronous Learning Networks, *The Power of Online Learning: Mobilizing to Expand Community*
Orlando, Florida
November 17-19, 2005

Attitudes Toward Technology: A National Study of Nursing Students

University of Chicago, Illinois
Optimizing Global Health Through Nursing Science
Chicago, Illinois
October 28-29, 2005

The Effectiveness of an Interactive Multimedia Learning Explanation on Baccalaureate Nursing Students' Mathematical Achievement and Self-Efficacy

Sigma Theta Tau International Honor Society
Beta Gamma Research Night
University of San Francisco, San Francisco, CA
February 23, 2004

Nursing Students' Attitudes Toward Technology: A National Study

A Research Proposal
School of Nursing, University of San Francisco, San Francisco, CA
January 22, 2004

The Effectiveness of an Interactive Multimedia Learning Explanation on Baccalaureate Nursing Students' Mathematical Achievement and Self-Efficacy

American Nursing Informatics Association: 10th Annual Spring Conference, *Nursing in the Digital World: Optimizing Patient Care*
Chicago, Illinois
May 9-10, 2003

The Creation of a Web-Based Learning Environment: Pathophysiology Without Walls

American Nursing Informatics Association: 9th Annual Spring Conference, *Beyond the Buzzwords*
San Diego, CA
April 20-21, 2002

The Creation of a Web-Based Learning Environment: Enhancing an Undergraduate Nursing Course

Duquesne University, School of Nursing
Pittsburgh, PA
March 16, 2001

Baccalaureate Nursing Students' Attitudes Toward Persons with AIDS

Nursing Education in the 21st Century: *Building Community for Health and Healing*
St. Xavier University, School of Nursing
Chicago Institute for Nursing Education
June 13-16, 2000

International Presentations

Connections, Collaboration and Creativity: Exploring Web 2.0 Applications in Health Informatics and Professional Development

Panel Presentation (Virtually)
Med Info 2007
Brisbane, Australia
August 19, 2007

Innovations in Health Education

Invited Guest Speaker
Health Informatics New Zealand (HINZ)
Auckland, New Zealand
December 8, 2006

Innovations in Online Learning

Invited Guest Speaker
The University of Auckland
School of Nursing
Faculty of Medical and Health Sciences
Learning Technology Unit
Auckland, New Zealand
December 11, 2006
Podcasted presentation at:
<http://www.health.auckland.ac.nz/ltu/speakers.html> .

How to Develop On-Demand and On-the-Go Ubiquitous Educational Multimedia for Connected Communities.

All Day Workshop

iPod, uPod?: An emerging mobile learning tool in nursing education and students' satisfaction.

Full Paper

Ascilite 2006
Sydney, Australia
December 3-6, 2006

Blogs, podcasts, wikis and other exotic beasts: Their use in nursing informatics education, professional development, and virtual conference participation.

1. Panel Presentation

Podcasting: An emerging technological in nursing education

2. Poster Presentation

The 19th International Congress on Nursing Informatics
Seoul, South Korea
June 8-17, 2006

Ed-Cast: An Education Podcast Repository
24th Annual International Computer and Technology Conference
State of the Art of the Use of Technology
Poster Presentation
Toronto, Canada
May 25-28, 2006

Arterial blood gas (ABG) interpretation: An online learning activity for healthcare professionals

The Eighth IASTED International Conference on Computers and
Advanced Technology in Education (CATE, 2005)
470-083 Studies on Advanced Teaching and Learning
Oranjested, Aruba
August 31, 2005

The Potential Use of "Blogs" in Healthcare Professionals' Education.

ED-MEDIA: World Conference on Educational Multimedia,
Hypermedia & Telecommunications
Interactive Learning Environments
Brief paper: Project Opportunity
Lugano, Switzerland
June 23, 2004

*The Effects of Web-Based, Interactive, Formative Assessment Modules
on Allied Health Students' Perceptions of Learning in Undergraduate
Pathophysiology.*

ED-MEDIA: World Conference on Educational Multimedia,
Hypermedia & Telecommunications
Lugano, Switzerland
June 24, 2004
Teaching/Learning Strategies
Poster/Demonstration

Grants

iPod Grant: Faculty Development Grant, USF, Pending notice

University of Illinois Online, Planning and Development Grant for Creating
an "Academic Podcast Repository," September, 2005

Awards

Teacher Effectiveness Award, University of San Francisco, School of Nursing,
April, 2005

University Faculty Technology Award, University of San Francisco, May, 2004

Sigma Theta Tau, Research Grant Award, March, 2004

Distance Education Program Scholarship: University of Wisconsin-
Madison, December, 2003

Sigma Theta Tau, Research Grant Award, March 2002

Teacher Effectiveness Award, University of San Francisco, School of Nursing,
April, 2001

Third Place Award, Student Technology Showcase, Duquesne University

Awarded in recognition of excellence in the use of technology in education. March 16, 2001

Professional Nurse Traineeship Grant Award from the U. S. Department of Health and Human Services, 1996 and 1997

Sigma Theta Tau, Scholarship Award, 1997

Employee Service Award, El Camino Healthcare, 1995

Volunteer Work

Faculty Advisor, University of San Francisco, Student Red Cross Organization, 2005 - present

Healthcare Informatics Conference, Georgetown University
November 4-7, 2004

American Nursing Informatics Association, Membership Chair, 2004 – 2007

Asthma Walk, San Francisco, California, 2005, Fundraiser

Berkeley University, "Images of Nursing," 2005, Guest Speaker

Johns Hopkins University Center for Talented Youth, 2004, Panelist

Neighborhood Emergency Response Team (NERT), 2005-present

North Bay Network for Healthcare Education, 2006, Nurse Educator Consultant

Presbyterian Church, Sausalito, California, 2006-present, *Poetry Night* Presenter and Member of Church Choir

The National Council of State Boards of Nursing, Inc.
NCLEX Item Development Panel Member
June, 2001

Flu Vaccine Clinic
St. Mary' Hospital
San Francisco, CA
December 2000