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# MARGARET MARY HANSEN, Ed.D.

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## ACADEMIC LEADERSHIP

### Education Research & Writing | Institutional Effectiveness | Strategic Planning & Learning Initiatives

Committed and experienced academic leader serving as Professor of Nursing for the University of San Francisco. Provide leadership in research, education, and service as a valued contributor to the School of Nursing and Health Professions. Serve as chair and team member of numerous committees, including developing and delivering presentations in connection with applying technology in healthcare both domestically and internationally. Demonstrate passion for teaching, collaborating, developing communities of practice, and establishing evidence-based outcomes for learning and healthcare technologies. *Additional strengths include:*

Academic Growth & Learning | Staff Engagement | Student Advising & Development | Instructional Design  
Health Education | Technology in Healthcare | Academic Advising | Editorial Publishing

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## EDUCATION

FULBRIGHT COMMISSION: **Fulbright Scholarship** – January-June 2012.

UNIVERSITY OF SAN FRANCISCO, School of Nursing Health Professions: **Clinical Nurse Leader (CNL)**. December 2011

UNIVERSITY OF WISCONSIN-MADISON: **Distance Education Certificate Program**. December 2005

UNIVERSITY OF SAN FRANCISCO, School of Education: **Doctorate Education**. Graduate Research. December 2002.

DUQUESNE UNIVERSITY: **Post Master's Nursing Informatics Certificate**. August 2000

SAN JOSE STATE UNIVERSITY: **Master of Science, Nursing Education**. May 1997

SETON HALL UNIVERSITY: **Bachelor of Science, Nursing**. May 1978

PASADENA CITY COLLEGE: **Associate of Arts, Science**. June 1975

LICENSE & CERTIFICATES: **California Board RN (Active); California Public Health Nurse; Gerontological Nurse**

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## RESEARCH, TEACHING & SERVICE TO PROFESSION

Serve as leader and innovator in development, research, and use of technology in healthcare professional education both domestically and internationally. Offer expertise in nursing / healthcare and computer mediated education. Pioneering work includes blogging, podcasting and interactive online games to reinforce learning for nursing students and healthcare professionals. Dedicated to assisting doctoral students in completing educational and research-related goals and mentoring junior faculty members in achieving academic goals.

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## PROFESSIONAL SERVICE & SOCIETIES

Journal of Nursing and Health Sciences, Editorial Board Member (2015-Present)

Bay Area Nursing Informatics Association (2014-Present)

International Medical Informatics Association (IMIA), Elected Secretary of Social Media Working Group (2013-Present)

American Holistic Nursing Association (2011-Present)

IMIA (2007-Present)

IMIA Social Media Working Group & Education Working Group (2007-Present)

BioMed Central Medical Education Journal, Reviewer, (2006-Present)

American Medical Informatics Association (2005-Present)

Journal of Medical Internet Research, Editorial Board Member (2005-Present)

American Nursing Informatics Association (2000-Present); Membership Chair (2004-2007)

Sigma Theta Tau International, Nursing Honor Society (1978-Present)

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PROFESSIONAL EXPERIENCE

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UNIVERSITY OF SAN FRANCISCO: **School of Nursing and Health Professions**, 1998-Present  
UNIVERSITY OF TECHNOLOGY: **Honorary Appointment, Adjunct Faculty**, Sydney, Australia, 2008-Present  
UNIVERSITY OF TECHNOLOGY: **Doctoral Committee Member**, Kaye Rolls, Graduate Student, 2008-Present  
FULBRIGHT COMMISSION: **Fulbright Scholar**, University of Iceland, Eirberg School of Nursing, Reykjavik, Iceland, Jan. 12-June 10, 2012 (Teaching and Research Role)  
MEDICINE X CONFERENCE: **Advisory Board Member and Abstract Reviewer**, Stanford University, Sept. 28-30, 2012  
MEDICINE 2.0 CONFERENCE: **Abstract Reviewer**, Harvard University, Sept. 15-16, 2012  
MEDICINE 2.0 CONFERENCE: **Abstract Reviewer and Parallel Session Chair**, Stanford University, Sept. 16-18, 2011  
NATIONAL INSTITUTE OF HEALTH (NIH): **Grant Reviewer**, Chicago, IL, June 23, 2011  
UNIVERSITY OF SAN FRANCISCO: **Chair, Doctoral Committee**, Jan Sampson, DNP Candidate, 2010-2012  
UNIVERSITY OF TECHNOLOGY: **Visiting Professor**, Sydney, Australia, Oct. 2007-Mar. 2008  
EL CAMINO SURGERY CENTER: **Clinical Nurse II** (1991-1994); **Perioperative Surgical Safety Committee Chair** (1991-1992)  
EL CAMINO HOSPITAL: **Clinical Nurse II** (1989-1996)

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TEACHING EXPERIENCE

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UNIVERSITY OF SAN FRANCISCO: **Professor, Tenured** (2015-Present)

- Associate Professor, Tenured & Promoted (2007-2015)
- Sabbatical Leave: Aug. 2014-Aug. 2015
- Teaching: Social Media and Health Education, Spring 2014; Nursing Research CNL, Spring 2014; Healthcare Informatics & Nursing Research BSN, Spring 2014
- Assistant Professor: Jan.2003-2007; Full-time Faculty, Term Position: 1998-2002
- Stanford University Medical Center, Medical-Surgical clinical: Pathophysiology; Principles and Methods of Medical-Surgical Nursing; Student advisor for approximately 45 students each semester

SAN JOSE STATE UNIVERSITY: **Part-time Faculty Member Lecturer / Clinical Nursing Instructor** (1997-1998)  
DE ANZA COMMUNITY COLLEGE: **Part-time Faculty Member Lecturer / Clinical Nursing Instructor** (1993-1998)

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UNIVERSITY OF SAN FRANCISCO, SCHOOL OF NURSING COMMITTEES

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Academic Standards Committee, 2015-Present & 1999-2007. Chair: 2004-2007  
University of San Francisco Mortgage Committee, 2012-Present  
Student Health Committee, 2012-Present  
University of San Francisco, University Wide Parking Committee, 2011-Present  
University Core Curriculum Committee, Math & Science, 2003-Present  
Chair, Crawford Lecture Series, Dr. Jean Watson Spring, 2014  
Faculty Association School of Nursing and Health Professions Interim Acting Chair, 2013-2014  
Faculty Association School of Nursing and Health Professions Vice Chair, 2013-2014  
Peer Review Committee, 2012-2013  
Simulation Committee, 2012-2013  
Chair, Jane Vincent-Corbett Faculty Award Committee, 2010-2014  
Committee on Information Technology Strategy of the Board of Trustees, Faculty Representative, 2009-2012  
Faculty Development Committee Member, 2008-2014. Chair: 2011-2012  
Academic Excellence University Committee, 2006-2007  
Faculty Association School of Nursing and Health Professions Interim Acting Chair, 2006

UNIVERSITY OF SAN FRANCISCO, SCHOOL OF NURSING COMMITTEES - CONTINUED

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

Institutional Review Board of the Protection of Human Subjects, 2003-2012

Faculty Association School of Nursing and Health Professions Vice Chair, 2003-2006

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PUBLICATIONS

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**Refereed Publications:**

TextWithSurgeryPatients - A Research Proposal on a Chance to Enhance Education and Physical Assessment for Abdominal Surgical Patients. *Journal of Nursing Care*. *Invited paper in progress*.

**Hansen, M. M.** (2015). A Feasibility Pilot Study on the Use of Complementary Therapies Delivered via Mobile Technologies on Icelandic Surgical Patients' Reports of Anxiety, Pain, and Self-Efficacy in Healing. *BMC Complementary and Alternative Medicine*. 15:92 doi:10.1186/s12906-015-0613-8 [electronic version at: <http://www.biomedcentral.com/1472-6882/15/92>]

Denecke, K., Bamidis, P., Bond, C., Gabarron, E., Househ, M., Lau, A.Y.S., Mayer, M. A., Merolli, M., **Hansen, M. M.** (2015). Ethical issues of social media usage in healthcare. *International Medical Informatics Association Yearbook*.

Rolls, K., **Hansen, M.M.**, Jackson, D., Elliot, D. (2014). Analysis of the social network development of a virtual community for Australian intensive care professionals. *Computers Informatics Nursing*. EMID:7858a3f93ea16afc.

**Hansen, M. M.**, Miron-Shatz, T., Lau, A.Y.S., Paton, C. (2014). Big Data in Science and Healthcare: A Review of Recent Literature and Perspectives. *International Medical Informatics Association Yearbook*.

Miron-Shatz T., **Hansen M. M.**, Grajales III, F.J., Martin-Sanchez, F. Bamidis, P.D. (2013). Social Media for the Promotion of Holistic Self Participatory Care: An Evidence Based Approach. *International Medical Informatics Association Yearbook*.

Paton, C., **Hansen, M.**, Fernandez-Luque, L., Lau, A. Y. S. (2012). Self-Tracking and Self-Experimentation Using Social Media for Patient Empowered Self Care. *International Medical Informatics Association Yearbook*.

**Hansen, M.** (2011). Are nursing students' clinical skills competency and self-confidence levels improved via video iPods? A randomized controlled pilot study. *Journal of Nursing Education and Practice*. Vol. 1, No.1.

Paton, C., Bamidis, P., Eysenbach, G., **Hansen, M.**, Cabrer, M. (2011). Experience in use of social media in medical and health education. *International Medical Informatics Association Yearbook*.

**Hansen MM**, Oosthuizen G, Windsor J, Doherty I, Greig S, McHardy K, McCann L. Enhancement of medical interns' levels of clinical skills competence and self-confidence levels via video iPods: Pilot randomized trial. *J Med Internet Res* 2011;13(1):e29URL: <http://www.jmir.org/2011/1/e29/>doi:10.2196/jmir.1596 PMID: 21447471.

**Hansen MM**, Murray PJ, Erdley WS. The potential of 3-D virtual worlds in professional nursing education. *Stud Health Technol Inform* 2009;146:582-6. [[PubMed](#)].

**Hansen, M.**, Murray, P.J., Erdley, S. The potential of second life and other dynamic virtual 3-D virtual environments in healthcare professional education. *Proceedings of NI2009: the 10th International Congress on Nursing Informatics*. IOS EBooks. Published in: *Studies in Health Technology & Informatics*, v.146 no., pp. 582-586. Date: 2009 0501.

**Hansen, M.** & Erdley, S. (2009). YouTube and other Web 2.0 applications for nursing education. *Online Journal of Nursing Informatics*. 13(3).

**Hansen, M.** Versatile, Immersive, Creative and Dynamic Virtual 3-D Healthcare Learning Environments: A Review of the Literature (2008). *Journal of Medical Internet Research*. Vol 10, No 3.

Doherty, I., **Hansen, M.**, McCann, L., Oosthuizen, G., McHardy, K., Greig, S., Pasley, T. & Windsor, J. (2008). Simulated Learning for Clinical Skill Acquisition and Retention: In J. Luca & E. Weippl (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2008* (pp. 5865-5870). Chesapeake, VA: AACE.



**REFEREED PUBLICATIONS - CONTINUED**

- Hansen, M.** (2008). Smart Card Technology and Healthcare Information: A Dynamic Duo. *CIN: Computers, Informatics, Nursing*, 26(5):254-257, September/October 2008.
- Murray PJ, Cabrer, M, **Hansen M**, Paton C, Elkin PL, Erdley WS. *Towards addressing the opportunities and challenges of Web 2.0 for health and informatics*. *Yearb Med Inform*. 2008:44-51.
- Maag, M.** (2007). MERLOT delivered to your desktop. *CIN: Computers, Informatics, Nursing*. 25(1):20-22, January/February 2007.
- Murray PJ, **Maag M.** *Towards Health Informatics 2.0: blogs, podcasts and Web 2.0 applications in nursing and health informatics education and professional collaboration [monograph on the Internet] 2006.*
- 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.** (2006). Podcasting and mp3 players: Emerging education technologies. *Computers Informatics Nursing*, 24(1), 9-12.
- Journal of Nursing Education, Editorial Board Member (2005-2007).
- 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).
- Maag, M.** (2001). An online ABG learning activity. *Computers in Nursing Plus*, 4(1), 1-5.

**Non-Refereed Publications:**

- Erdley, S. & **Hansen, M.** (March, 2012). Overview of smart phone video essentials. *Computers Informatics Nursing Plus*.
- Burrell AR, Elliott D, **Hansen, M.** (June, 2009). ICT in ICU: using Web 2.0 to enhance a community of practice for intensive care physicians *Critical Care and Resuscitation*. 11(2):155-159.
- Maag, M.,** & Fonteyn, M. (2006). Reinforcing fundamental knowledge while encouraging students' artistic expression. *Journal of Nursing Education*. 45(2),96.
- 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.** (2001). Tell me your fortune. *Journal of Gerontological Nursing*, 27(10), 56.

**Published Books:**

- Hebda, T, Czar, C, [**Hansen, M.:** Chapter 16] (2009). *Handbook of Informatics for Nurses and Healthcare Professionals*. Fourth Edition. Prentice Hall.
- 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.** (2006). *Straight A's in pathophysiology*. Foreword. Philadelphia: Lippincott Williams & Wilkins.
- 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*.

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NATIONAL & INTERNATIONAL PRESENTATIONS

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**Podium & Oral Presentations – Domestic & International:**

Invited keynote speaker, Health Informatics New Zealand Physician's Conference: October 2015.

Invited keynote speaker, Health Informatics New Zealand Nurse's Conference: October 2015.

Presenter, First International Integrative Nursing Conference, Reykjavik, Iceland: May 2015.

Medicine X, Stanford University, Stanford, CA Sept. 28-30, 2013. Oral Presentation. *The Impact of Complementary Therapies Delivered via Mobile Technologies on Surgical Patients' Reports of Anxiety, Pain, and Self-Efficacy in Healing: A Randomized Controlled Trial*. Accepted by peer reviewers.

Nursing Research Institute, University of Iceland, Visiting Lecturer Invitation, August 2013.

Medicine 2.0, Harvard University, Boston, MA, Sept. 15-17, 2012. Oral Presentation. *Video Social Platforms Complement Medical Professionals' Education: a Scoping Review*. Accepted by peer reviewers.

1<sup>st</sup> International Conference on Medical Education Informatics (MEI 2012). April 6-7, 2012. University of Aristotle, Thessaloniki, Greece. *Integrating Education, Research and Human Caring via Social Media for Healthcare Professionals*. Invited speaker.

University of Akureyri. School of Nursing and Health Sciences. March 28, 2012. *Integrating Social Media in Healthcare Professional Education and Beyond*. Invited speaker.

Holistic Nursing Association, Reykjavik, Iceland. Annual meeting. March 20, 2012. *Complementary Therapies Integrated with Technology for Surgical Patients' Well-Being*. Invited speaker.

Norwegian Centre for Integrated Care and Telemedicine. Seminar on Social Media in Health Care. March 15, 2012. *Social Media in Health Care*. Invited speaker for three departments and consultant.

Surgical Division of Landspítali University Hospital Research Symposium, Reykjavik, Iceland, January 19, 2012. *Complementary and Alternative Therapies Integrated with Social Media Technologies for Surgical Patient Education and Well-Being*. Keynote presentation.

Invited Speaker for the 19th Summer Institute in Nursing Informatics to be held July 22 -25, 2009. Title: "The Use of Videos and Pods in Raising Nursing Students' Skills, Competencies and Self-Confidence Levels."

Nursing Informatics 2009 Congress, Helsinki, Finland, June 27, 2009. "The Potential of 3-D Virtual Worlds in Professional Nursing Education." Accepted for the scientific programme as oral presentation.

Hansen, M. Versatile, Immersive, Creative and Dynamic Virtual 3-D Healthcare Learning Environments: A Review of the Literature. Medicine 2.0 Congress: Toronto, Canada, Sept. 4, 2008-10-16.

*Medical Interns' Clinical Skills Acquisition and Self-Confidence Levels: Enhanced via Video iPods? Think Globally, Act Locally*, Health Informatics Society of Australia, NSW, 17<sup>th</sup> Annual Conference, Crown Plaza Hotel, Coogee, Sydney, Australia, March 14, 2008.

**Panel Presentations & Workshops – Domestic & International:**

MedInfo 20-23 August 2013, Copenhagen, Denmark, Research and Social Media Panel & Poster Presentation, Abstracts Accepted, August 2013.

Medicine X, Stanford University, Stanford, CA Sept. 28-30, 2012. The Age of Social Media Andragogy: Transparent, Interactive and Meaningful Communities of Learning. Workshop Chris Paton and Margaret Hansen.

Medicine 2.0, Stanford University, Sept. 17, 2011. Panel Discussion: Using Social Media Applications in Academic Research (accepted).

MIE 2011: Oslo, Norway. August 28-31. *Towards a Research Agenda for Social Media in Healthcare and Academia*. A workshop (accepted and attended).

Second Life: Educating in the Virtual Environment. Panelist Presentation at MedInfo Conference, Cape Town, South Africa, Sept. 2010.

Invited Speaker for Panel Presentation at The Northern California HIMSS Chapter's 2010 Nursing Informatics Symposium. "Transforming Nursing Practice through Technology" May 20, 2010, Hosted by UC Davis Medical Center.

## PANEL PRESENTATIONS & WORKSHOPS - DOMESTIC & INTERNATIONAL - CONTINUED

Nursing Informatics 2009 Congress, Helsinki, Finland, June 26, 2009. "How to Weave Web 2.0 Applications for Nursing Informatics and Healthcare Professional Education." Accepted for the scientific programme as an all-day tutorial presentation.

Nursing Informatics 2009 Congress, Helsinki, Finland, June 27, 2009. "What Relevance do Web 2.0 Applications Have for Nursing Informatics and Professional Development?" Accepted for the scientific program as a panel session.

Health Informatics 2.0/3.0 and Beyond: How Evocative Networks are Transforming Health and Education (panel presentation) MIE 2008: eHealth beyond the horizon, Get IT there. Goteborg, Sweden, May 25-28, 2008.

IMIA and Web 2.0: exploring the potential for integration into international health informatics (panel presentation) MIE2008: eHealth beyond the horizon, Get IT there. Goteborg, Sweden, May 25-28, 2008.

## Poster Presentations - Domestic & International:

2nd National Summit for Building Health Academic Communities, University of California Irvine, April 23-24, 2015. Poster Presentation: *The Academic Wellness: Mind, Body and Spirit*.

Medicine 2.0, Stanford University, Sept 17, 2011. Poster Presentation: *Enhancement of Medical Interns' Levels of Clinical Skills Competence and Self-Confidence Levels via Video iPods: Pilot Randomized Controlled Trial*.

MIE2008: eHealth Beyond the Horizon, Get IT There, Goteborg, Sweden, May 25-28, 2008. Poster Presentation: *Medical Interns' Clinical Skills Acquisition and Self-Confidence Levels: Enhanced via video iPods?*

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## GRANTS

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Fulbright Scholarship: University of Iceland (January-June 2012)

E-Rehabilitation for Survivors of a Critical Illness (ESCI), University of Technology, Sydney, Faculty Grant, July 2009; Research Team Member

Video iPod Grant: University of San Francisco Faculty Development Grant, USF, Awarded January 2008

Sigma Theta Tau, Research Grant, March, 2002 & 2004

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## AWARDS

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University of San Francisco Incubator Award: Social Media and Health Online Course HS500, Fall 2013 launch

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

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

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

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

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## VOLUNTEER EFFORTS

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Marin Humane Society SHARE Program, K-9 Therapy 2014-Present

South Africa Immersion Project: Service Learning for School of Nursing and Health Professions, USF, Cape Town, South Africa, [organized for 2011 academic year]

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

Presbyterian Church, Sausalito, California, 2006-2008, *Poetry Night* Presenter and Member of Church Choir

Faculty Advisor, University of San Francisco, Student Red Cross Organization, 2005-2010

Neighborhood Emergency Response Team (NERT), 2005-2007