

University of California San Francisco Medical Center

CURRICULUM VITAE

Name: Susan E. Shapiro, RN, PhD

Position: Senior Nurse Scientist
Center for Nursing Research and Innovation

Associate Clinical Professor
Department of Physiological Nursing
School of Nursing

Address: Dept. of Physiological Nursing
UCSF School of Nursing
2 Koret Way, #N-707
San Francisco, CA 94143-0610

Voice: 415.476.2926
Fax: 415-476-1714
Email: susan.shapiro@nursing.ucsf.edu

EDUCATION

1972: University of Pennsylvania, Philadelphia, PA	BSN
1976: University of California at San Francisco, School of Nursing	MS
2003: Oregon Health & Science University, School of Nursing, Portland, Oregon	PhD

LICENSES, CERTIFICATIONS, ETC.

1973 – Now	Registered Nurse, State of California	R229833
1973– Now	Public Health Nurse, State of California	
1998 – Now	Clinical Nurse Specialist, State of California	
1983-2008	Certified Emergency Nurse	

PRINCIPAL POSITIONS HELD

1972	Children's Heart Camp, Verbank, NY	Camp nurse
1972-1973	Outdoor Education at Shaker Village, New Lebanon, NY	Camp nurse
1973-1976	Pacific Presbyterian Medical Center, San Francisco, CA	Staff nurse, medical-surgical and emergency department
1976-1978	California State University, Chico, CA	Assistant Professor, Nursing
1980-1981	Emergency Nurse Training Program, Philadelphia, PA	Program Director

1981-1983	St. Mary Hospital, Philadelphia, PA	Assistant Director of for Adult Health Services
1983-1985	Hospital of the University of Pennsylvania, Philadelphia, PA	Manager, ED, 1983-1985
1985-1987	Marin General Hospital, Greenbrae, CA	Manager, Emergency Department
1987-1994	John Muir Medical Center, Walnut Creek, CA	Staff nurse, <i>per diem</i> , emergency department
1994-1996	Kaiser Foundation Hospital East Bay, Oakland, CA	Department Leader (manager), Emergency Department
1996-1999	John Muir Medical Center, Walnut Creek, CA	Staff nurse, <i>per diem</i> , emergency department
1999-2003	Oregon Health & Science University, Portland, OR	Graduate research assistant
2003-2004	Oregon Health & Science University, Portland, OR	Post-doctoral fellow
2004-Now	UCSF Medical Center, Department of Nursing, San Francisco, CA	Director, Research and Evidence-based Practice

OTHER POSITIONS HELD CONCURRENTLY

1978-1983	University of Pennsylvania, Philadelphia, PA	Teaching assistant
1978-1985	Hospital of the University of Pennsylvania, Philadelphia, PA	Staff nurse, <i>per diem</i> , emergency department
1987-1989	New York University Hospital, New York, NY	Staff nurse, <i>per diem</i> , emergency department
1989-1990	Saint Vincent's Hospital, New York, NY	Staff nurse, <i>per diem</i> , emergency department
1998-1999	Self-employed	Independent consultant in emergency nursing and emergency department care delivery.

HONORS/AWARDS/CERTIFICATES

1980	Inducted into Sigma Theta Tau
1984-2008	Certified Emergency Nurse
1985	Special Recognition Certificate, Philadelphia Chapter, Emergency Nurses Association (ENA)
1985	Special Services Award, Pennsylvania Health Services Council
1986-2000	Mobile Intensive Care Nurse
1992	ENA Exhibitors Advisory Committee Scholarship to attend 1992 Scientific Assembly
2003	Sigma Theta Tau (Beta Psi Chapter) scholarship to Western Institute of Nursing annual meeting

2004 Emergency Nurses Association (National) Distinguished Leadership Award

KEY WORDS, AREAS OF INTEREST Evidence-based practice; clinical decision rules; clinical and translational nursing research; emergency nursing; emergency health services

PROFESSIONAL ACTIVITIES

PROFESSIONAL ORGANIZATIONS

Memberships

1972-Now American Nurses Association
 1976-Now Emergency Nurses Association – Life member
 1978-Now Sigma Theta Tau
 1992 –Now American Public Health Association, Section on Injury Control and
 Emergency Health Services
 2000-Now Western Institute of Nursing
 2005-Now American Organization of Nurse Executives
 2006-Now Association of California Nurse Leaders

Service to Professional Organizations

1980-1985 Appointed: PA Emergency Nurses Association (ENA) representative to the
 Pennsylvania Emergency Health Services Council
 1992-1996 Appointed: By-laws committee, Cal ENA
 1993 Elected: Chapter President, East Bay Chapter, ENA
 1994-1996 Appointed: East Bay Chapter representative to Contra Costa County Injury
 Prevention task force
 1996 Appointed: Prehospital Committee, CA ENA
 Elected: Chapter President, East Bay Chapter, ENA
 1997 Appointed: East Bay Chapter representative to Contra Costa County Advisory
 on Domestic Violence Health Subcommittee
 Elected: CA ENA Director at Large
 1998-1999 Appointed: East Bay Chapter ENA representative to Alameda County EMS
 Council and Alameda County EMS Research Committee
 Elected: Chapter President, East Bay Chapter, ENA
 2000-2001 Appointed: Chair, National ENA Emergency Medical Services Committee
 2001 Appointed: Chair of Government Affairs, Oregon State Council ENA
 2001-2007 Appointed: Delegate to the National ENA Annual General Assembly
 2002-2004 Appointed: Member National ENA Research Committee
 2003 Elected: Treasurer, Oregon State Council ENA
 2003 Appointed: member ENA Research Committee
 2003 Appointed: National ENA representative to Centers for Disease Control and
 Prevention task force to develop Guidance Document for SARS
 2004 Elected: President, Oregon State Council ENA
 2005 Appointed: Member, National ENA Nominating Committee

- 2006-2007 Appointed: Trustee, National ENA Foundation Board of Trustees
 2006-now Appointed: Reviewer, ENA Foundation scholarship and grant applications
 2008 Appointed: Member, Western Institute of Nursing Silent Auction Committee

Service to professional publications

- 1999-2000 AJN/Journal of Emergency Nursing mentor
 2005-Now Reviewer, American Journal of Critical Care
 2005-Now Reviewer, Journal of Heart Failure

2008 – Now Editorial Board, Advanced Emergency Nursing Journal

INVITED PRESENTATIONS

REGIONAL AND NATIONAL SCIENTIFIC AND PROFESSIONAL PRESENTATIONS

- 2003 Anita Doerr Lecture, *A Journey of a 1000 Miles,* Emergency Nurses Association 2003 Annual Meeting, Philadelphia, PA, September 17, 2004
- 2003 *The Resurgence of SARS: Why Your Hospital May Not Be As prepared As You Think.* Teleconference by Thomson American Health Consultants. December 9, 2003
- 2004 *Preparing for SARS: The Ins and Outs of the Public Health Guidance Document.* Northwest Nursing Education Institute Emergency Preparedness Conference, Portland OR. February 4, 2003
- 2004 *EMS Treatment of CHF: How Well Do We Do.* Poster presented at the Western Regional meeting of the Society for Academic Emergency Medicine, April 3, 2004, Oakland, CA
- 2004 *Evaluating Clinical Decision Rules in Practice.* Podium Presentation in Measurement and Instrument Development; Western Institute of Nursing Assembly on Hallmarks of Quality: Generating and Using Knowledge, April 24, 2004, Portland, OR
- 2004 *Preparing for SARS: The Ins and Outs of the Public Health Guidance Document.* Presentation to 2004 Northwest Nursing Education Institute Emergency Preparedness Conference, Portland, OR, June 24, 2004.
- 2005 UCSF Stanford LPCH Center for Research & Innovation in Patient Care, Research Role Development Workshop: Designs for Nursing Research, October 25, 2005
- 2005 UCSF Stanford LPCH Center for Research & Innovation in Patient Care Research in Action Day, Keynote Address: Decisions, Decisions, Decisions: Clinical Decision Rules and Evidence-Based Practice, October 26, 2005
- 2006 UCSF Stanford LPCH Center for Research & Innovation in Patient Care, Research Role Development Workshop: Designs for Nursing 2006. October 24, 2006
- 2006 UCSF Stanford LPCH Center for Research & Innovation in Patient Care, Research Role Development Workshop: Critically Appraising the Literature
- 2007 *Building organizational capacity for evidence-based practice* Western Institute of Nursing Assembly on 50 Years of Advancing Nursing in the West.

April 12, 2007. Portland, OR.

- 2007 *Evidence-based Practice: What every nurse should know.* Bay Area Oncology Nurses Society, South San Francisco, CA. October 6, 2007
- 2007 UCSF Stanford LPCH Center for Research & Innovation in Patient Care, Research Role Development Workshop: *Critically Appraising the Literature*, October 24, 2007
- 2007 UCSF Stanford LPCH Center for Research & Innovation in Patient Care, Research Role Development Workshop: *Clinical Research Design Basics: Fitting the Methods to the Question*, October 24, 2007
- 2007 UCSF Stanford LPCH Center for Research & Innovation in Patient Care, Research in Action Day. Keynote Panel Presentation: *EBP or Research: That is the Question*. October 25, 2007
- 2008 *Does the Evidence Make the Grade? The Braden Scale Revisited.* Presentation at the 2008 Research Symposium co-sponsored by Kaiser Santa Rosa and the Sigma Theta Tau Lambda Gamma Chapter and North Bay Network for Health Education. May 6, 2008

MEDICAL CENTER, UNIVERSITY, AND SCHOOL OF NURSING SERVICE
Medical Center Service

- 2005-Now Member, Patient Safety Committee
- 2005-Now Administrative liaison to Patient Safety Fellows group
- 2005-2007 Member, Operations Leadership Group (Electronic Health Record project oversight group)
- 2006-2008 Member, Medication Safety Committee
- 2005-2008 Chair, Nursing Procedure Committee
- 2005-2008 Chair, Quarterly Combined Nursing Leadership group (Clinical Nurse Specialists, Nurse Educators, Clinical Informaticists, and Nursing Performance Improvement)
- 2005-Now Chair, Nursing Research and Practice Committee

Continuing education classes taught

- 2005-2006 Evidence-based Practice and Performance Improvement. 3 hour class offered twice a year.
- 2007-2008 Writing for publication. A series of 3, 2-hour seminars to coach interested staff, including nurses, respiratory therapists, nutrition staff, infection control, and rehab therapy, to progress from an idea for a manuscript through submission to a target journal. Offered once in 2007 and once in 2008.

University Service

- 2005-2007 Member, Committee on Human Research, Mount Zion campus

Service to the School of Nursing

- 2005-Now Member, Research Committee
- 2005 Co-faculty for *Developing Capacity for Evidence-Based Patient Care*

Workshop for Nurse Leaders and Coaches, Day-long continuing education for advanced-practice nurses from UCSF Medical Center, Stanford Hospitals and Clinics, and Lucille Packard Hospital. Nancy Donaldson, Program Director. May 20, 2005

- 2005 Evidence-based Fellows Role Development Program, a series of 6, 8 hour workshops, co-taught with Nancy Donaldson, Palo Alto, CA. Site coordinator for UCSF Medical Center Fellows.
- 2005-2007 Member, Centennial Celebration Committee, Social subcommittee
- 2005-2007 Invited speaker, numerous classes in Nursing Outcomes (Ginger Carrieri-Kohlman, FOR) and Research Utilization (Erika Froelicher, FOR)
- 2006 Co-faculty for *Developing Capacity for Evidence-Based Patient Care Workshop for Nurse Leaders and Coaches*, Day-long continuing education for advanced-practice nurses from UCSF Medical Center, Stanford Hospitals and Clinics, and Lucille Packard Hospital. Nancy Donaldson, Program Director. Feb. 27, 2006 & March 15, 2006
- 2006 Evidence-based Fellows Role Development Program, a series of 6, 8 hour workshops, co-taught with Nancy Donaldson, Palo Alto, CA. Site coordinator for UCSF Medical Center Fellows
- 2007 Co-faculty, N 262, Research Utilization, Spring, 2007, Nancy Donaldson, FOR
- 2007 Co-faculty for *Developing Capacity for Evidence-Based Patient Care Workshop for Nurse Leaders and Coaches*, Day-long continuing education for advanced-practice nurses from UCSF Medical Center, Stanford Hospitals and Clinics, and Lucille Packard Hospital. Nancy Donaldson, Program Director. January 13, 2007
- 2007 Evidence-based Fellows Role Development Program, a series of 6, 8 hour workshops, co-taught with Nancy Donaldson, Palo Alto, CA. Site coordinator for UCSF Medical Center Fellows
- 2008 Evidence-based Fellows Role Development Program, a series of 6, 8 hour workshops, co-taught with Nancy Donaldson, Palo Alto, CA. Site coordinator for UCSF Medical Center Fellows
- 2008 Reader for two Masters Comprehensive Examinations, Spring, 2008

RESEARCH

Principal Investigator

- 2001-2003 Dissertation research: *The Index of Respiratory Distress: A Clinical Decision Rule for Older Out-of-Hospital Patients in Respiratory Distress*
- 2006-2007 Impact of a Computer-Based Training Module on Insulin Medication Accuracy in Hospitalized Pediatric Patients. Partial funding from McKesson/American Organization of Nurse Executives

Co-investigator

- 2006-2007 Robert Wood Johnson Foundation University of California San Francisco Rapid Response Team Evaluation Project. Nancy Donaldson, RN, PhD, FAAN, PI. Funded by Robert Wood Johnson Foundation
- 2007-2008 Blood Flow, Activity, & Pressure Ulcer Risk in the Peri-operative Period. Nancy Stotts, RN, EdD, FAAN, PI. Partial funding from The Rand

Corporation.
2007-2008 Hospital Acquired Pressure Ulcers in Adults. Nancy Stotts, PI. Self-funded.

Research assistant

1999-2000 Medical Informatics and Telemedicine under the Medicare Program. Agency for Healthcare Research and Quality (formerly Agency for Health Care Policy and Research), contract number 290-97-0018. William Hersh, M.D., Principal Investigator. Multiple NIH funded projects.
2000-2003 Telephone Advice Nurse Study. A joint project with Kaiser Center for Health Research (Northwest Region) and Oregon Health & Science University. Christine Tanner, Ph.D., RN and Barbara Valanis, Ph.D., RN, Principal Investigators. Funded by Kaiser Permanente Garfield Fund
2002-2003 Center for Research in Occupational and Environmental Health (multiple projects). Linda McCauley, RN, PhD, FAAN, PI. Multiple NIH funded projects.

FUNDED PROJECTS

2005-2006 Integrated Nurse Leadership Program. \$75,000.00 competitive grant from the Betty Irene Moore Nursing Initiative through the UCSF Center for the Health Professions. Role on grant: PI.

PUBLICATIONS

Research

Hersh, William R., Wallace, James A., Patterson, Patricia K., **Shapiro, Susan E.**, Kraemer, Dale F., Eilers, Gregory M., Chan, Benjamin K. S., Greenlick, Merwyn R., Helfand, Mark. *Telemedicine for the Medicare Population*. Evidence Report/Technology Assessment Number 24. Agency for Healthcare Research and Quality (AHRQ) Publication No. 01-E012, July, 2001

Hersh, W.R., Helfand, M., Wallace, J., Kraemer, D., Patterson, P., **Shapiro, S.**, Greenlick, M. Medical informatics and decision-making. 2001. *BMC* 1:5, 26 November

Valanis, Barbara; Tanner, Christine; Moscato, Susan;David, Marion; **Shapiro, Susan**; Izumi, Shigeko. Telephone advice nursing: Facilitating access to health care. (Abstract) Paper presented at 35th Annual Communicating Nursing Research Conference/10th Annual WIN Assembly April 18-20, 2002, Palm Springs, CA. Abstract published in Western Institute of Nursing, Volume 35 *Health Disparities: Meeting the Challenge*, p.339.

Hersh, William; Helfand, Mark; Wallace, James; Kraemer, Dale; Patterson, ; **Shapiro, Susan**; Greenlick, Merwyn. 2002. A systematic review of the efficacy of telemedicine for making diagnostic and management decisions. *Journal of Telemedicine and Telecare* Vol. 8, No. 4, pp. 197-209,

Shapiro, Susan E., Lasarev, Michael, and McCauley, Linda. 2002. Factor analysis and Gulf War illness: What Does It Add to Our Understanding of the Deployment Health? *American Journal of Epidemiology*. Vol. 1 No. 156, 578-585 .

Moscato, Susan R.; David, Marion; Valanis, Barbara; Gullion, Christina M.; Tanner, Christine; **Shapiro, Susan**; Izumi, Shigeo; Mayo Ann. 2003. Tool development for measuring caller satisfaction and outcome with telephone advice nursing. *Clinical Nursing Research*. 12(3):266-81.

Valanis, Barbara;. Moscato, Susan; Tanner, Christine; **Shapiro, Susan**; Izumi, Shigeo; David, Marion; Mayo, Ann. 2003. Making it work: organization and processes of telephone nursing advice services. *Journal of Nursing Administration*. 33(4):216-23.

Valanis, Barbara; Tanner, Christine; Moscato, Susan; **Shapiro, Susan**; Izumi, Shigeo; David, Marion; Keyes, Connie; and Mayo, Ann. 2003. A model for examining predictors of outcomes of telephone nursing advice. *The Journal of Nursing Administration*, 33(2):91-95

Shapiro, Susan; Izumi, Shigeo; Tanner, Christine; Perrin, Nancy. Development of the Interpersonal Communications Style Inventory (ICSI). (Abstract) Communicating Nursing Research Conference/11th Annual WIN Assembly April 10-12, 2003, Phoenix, AZ. Abstract published in Western Institute of Nursing, Volume 36, *Responding to Societal Imperatives through Discovery and Innovation*. p.146.

Shapiro, Susan E. 2004. The Index of Respiratory Distress: A Clinical Decision Rule to Assist Out-of-Hospital Providers in Caring for Older Patients in Respiratory Distress (Abstract). *Prehospital Emergency Medicine*. 8(1), 112.

McCauley, Linda A., **Shapiro, Susan E.**, Scherer, Jennifer A., Lasarev, Michael R. 2004. Assessing Pesticide Safety Knowledge among Hispanic Migrant Farm Workers in Oregon. *Journal of Agricultural Safety and Health*, 10(3): 177-186,

Shapiro, Susan E.; Izumi, Shigeo; Tanner, Christine A; Moscato, Susan R.; Valanis, Barbara G.; David, Marion R.; and Gullion, Christina M. 2004. Telephone advice nursing services in a US health maintenance organization. *Journal of Telemedicine and Telehealth*. 10(1), 50-54,

Shapiro, Susan E. 2005. Evidence Review: Emergency Medical Services Treatment of Patients with Congestive Heart Failure/Acute Pulmonary Edema: Do Risks Outweigh Benefits? *Journal of Emergency Nursing*, 31 (1), 51-57

Shapiro, Susan E., 2005. Determining Severe Respiratory Distress in Older Out-of-Hospital Patients, *Prehospital Emergency Care*, 9(3), 310-317.

Valanis, Barbara G; Moscato, Susan R.; Gullion, Christina M.; Tanner, Christine; **Shapiro, Susan E.**; Izumi, S. 2007. Predictors of patient satisfaction with telephone advice nursing. *Clinical Nursing Research*, 14 (2) 119-137

Valanis, Barbara G.; Gullion, Christina M.; Moscato, Susan R.; Tanner, Christine; Izumi, Shigeo; **Shapiro, Susan E.**; 2007. Predicting patient follow-through on telephone advice nursing. *Clinical Nursing Research*, 16 (3) 251-269

2008 **Shapiro SE**, Donaldson NE. Evidence-based Practice for Advanced Practice Emergency Nurses, Part II Critically Appraising the Literature. *Advanced Emergency Nursing Journal*.

2008 **Shapiro, Susan E.**, Donaldson, N.E. Evidence-based Practice for Advanced Practice Emergency Nurse Part III: Planning, Implementing, and Evaluating an Evidence-based Small Test of Change. *Advanced Emergency Nursing Journal*. 30,(3), 322-332

In Press Donaldson, NE, **S E, Shapiro**, et al. (2009 (In Press)). "Leading successful rapid response teams, A multisite implementation evaluation." *JONA* **39**(4).

Shapiro, Susan E., Bailey, V., Buick, M., Burke, K., Carroll, M., Christensen, S., Worobel-Luk, P., Vidyarthi, A. Implementing a Conceptually-based Training Program to Increase Nurses' Effectiveness in Securing Patient Rescue. *Journal of Nursing Staff Development*

Other

Shapiro, Susan. "A Modest Proposal," Guest Editorial, *Journal of Emergency Nursing*, May/June, 1987 (reprinted with permission from Pennsylvania Nurse).

Shapiro, Susan. "Today's Nursing Triage," *Nursing Yearbook '87*, Springhouse Corporation, Springhouse, PA, 1987.

Shapiro, Susan. and Anderson, K. "Triage Decision: An eighteen year old male with shoulder pain." *Journal of Emergency Nursing*, Vol.15, No. 3, May- June, 1989, pp. 291-292.

Shapiro, Susan. Injury Control: Preventive Health Care for Trauma. *Contra Costa County EMS Agency Newsletter*, Vol. II, No. 9, July-August 1992.

Shapiro, Susan. Injury Prevention Update. *Contra Costa County EMS Agency Newsletter*. Fall, 1994

Hansen, K. and **Shapiro, S**. Injury Prevention Coordinator: An Opportunity for Emergency Nurses. *Journal of Emergency Nursing*. 22:6 pp.504-505. December, 1996

Alcala, N.; **Shapiro, S**. 2000. Less than common AMI symptoms. *AJN: Emergency Nursing Update* 2000. pp. 5-7, 24-26

Shapiro, Susan. 2000. Outcomes of prehospital care: Do we really make a difference? *Journal of Emergency Nursing*, vol. 26, no. 3, pp. 239-241

Criddle, Laura M, Bonano, Carol, **Shapiro, Susan**. 2001. ED staff's reporting of impaired drivers: Understanding the issues, continuing the work. *Journal of Emergency Nursing*. Vol. 27, no. 2,

Shapiro, Susan. 2002 In favor of the bachelor's degree. *AJN*. Oct; 102(10)11

Shapiro, Susan, Marie Driever. 2004. Clinical Decision Rules as Tools for Evidenced-Based Nursing. *Western Journal of Nursing Research*. Vol.6, no. 8, 230-237

Shapiro, Susan E., McCauley, Linda A. 2004. SARS Update. *AAOHN Journal*, May, 52(5), 199-203

Shapiro, Susan. 2005. Evaluating Clinical Decision Rules. *Western Journal of Nursing Research*. vol. 27, no. 5, pp.655-664

Shapiro, Susan E. 2006. Response to "Thinking like a nurse: a research-based model of clinical judgment in nursing (letter to the Editor). *Journal of Nursing Education*. Vol 45, No 6, pp 204-211.

Shapiro, Susan. 2006. Issues in clinical nursing research: Guidelines for developing and testing clinical decision rules. *Western Journal of Nursing Research*. vol. 28, no. 2 pp. 244-253

Shapiro, Susan E. 2007. Evidence-based Practice for Advanced Practice Emergency Nurses. *Advanced Emergency Nursing Journal*, 29(4), 331-338

Shapiro, Susan E., Donaldson, Nancy A. (2008). Evidence-based Practice for Advanced Practice Emergency Nurses: Critically appraising the literature. *Advanced Emergency Nursing Journal*, 30(2), 139-147

Shapiro, Susan E., Donaldson, Nancy A. (in press). Evidence-based Practice for Advanced Practice Emergency Nurse Part III: Planning, Implementing, and Evaluating an Evidence-based Small Test of Change. *Advanced Emergency Nursing Journal*.

Shapiro, Susan E., Bailey, V., Buick, M., Burke, K., Carroll, M., Christensen, S., Worobel-Luk, P., Vidyarthi, A. (in press) Implementing a Conceptually-based Training Program to Increase Nurses' Effectiveness in Securing Patient Rescue. *Journal of Nursing Staff Development*