

ELIZABETH AVERILL SAMARAS, DNP, RN, CPE, HEM

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EDUCATION

DOCTOR OF NURSING PRACTICE: University of Northern Colorado, Greeley CO -- 2012

Doctoral Capstone title: *Toward an Evidence-based Approach to Computerized Provider Order Entry and the Role of Stakeholder Dissonance*

MASTERS OF SCIENCE IN NURSING: Yale University, New Haven CT -- 1984

Thesis title: *Occupational History Taking and the Primary Care Provider: the Impact of a Videotape Intervention*

Community Health Nursing/Family Nurse Practitioner emphasis

BACHELORS OF FINE ARTS: University of North Carolina, Chapel Hill NC -- 1976

LICENSURE AND CERTIFICATIONS

RN, NP - Colorado

CPE – Certified Professional Ergonomist (#1940)

HEM – ECRI-certified Healthcare Environmental Manager

AOCN® -- Advanced Oncology Certified Nurse (certified from 2003-2015; no longer in oncology practice)

PROFESSIONAL EXPERIENCE

SAMARAS & ASSOCIATES, INC., Pueblo CO (1998-present; full-time since 8/2013)

- **President & Partner** – consulting projects for government, industry and academia including; human factors & ergonomics formative & summative evaluations, labeling and instructions for use for FDA-regulated medical devices and health information technology; forensic consultation.

COLORADO STATE UNIVERSITY, Pueblo CO (08/2009- 08/2013)

- **Assistant Professor of Nursing.** Courses taught: Graduate (MSN, NP Program) and Undergraduate (BSN Program) courses in: Healthcare Informatics (Nsg. 571 & Nsg.371); Leadership (Nsg. 718); Advanced Nursing Theory (Nsg. 508); Roles, Issues & Ethics (Nsg. 506);; Nursing Research and Evidence-based Practice (Nsg. 351); Concepts of Professional Nursing (Nsg. 231); Acute Care Nursing I (Nsg.332L); Acute Care Nursing Synthesis Clinical (452L), co-taught Advanced Medical Surgical Nursing (420), Public Health Nursing (Nsg. 442) and Advanced Health Assessment for Nurse Practitioners (562L)

PUEBLO COMMUNITY COLLEGE, Pueblo CO (01/2009- 08/2009)

- **Nursing Faculty**

DORCY CANCER CENTER/ST. MARY CORWIN MEDICAL CENTER, Pueblo CO (2003-2008)

- **NP Breast Health Nurse Specialist**
- **Clinical Trials Coordinator** (National Cancer Institute Cooperative Group studies, Industry, and University-based studies)
- **Project Director** (for awarded Komen grants written by applicant)
- **Charge/Resource RN** Oncology Unit (2003)

MEMORIAL HOSPITAL, Colorado Springs CO (2002-2003)

- **Charge/Resource RN Oncology**

ALICE HAMILTON COLLEGE, Lakewood CO & Columbia MD (10/1994 -02/1998)

- **Director Nuclear Workers Project** -- conducted a nationwide Health Needs assessment under a grant I wrote; developed numerous occupationally-related nationally-based surveillance programs for former Department of Energy Nuclear workers

- **Master Trainer**

THE CATHOLIC UNIVERSITY, Washington DC (1995)

- **Adjunct Clinical Instructor for Community Health Nursing**

THE WORKPLACE HEALTH FUND, Washington DC (1987-1994)

- **Director Health Policy and Research,**
- **Managing Director,**
- **Coordinator Health Programs,**
- **Director Center for Emergency Response Planning,**

- **Master Trainer**
ANNANDALE WOMEN'S CLINIC, Alexandria VA (1987-1988)
- **Nurse practitioner (part-time)**
DORCHESTER HOUSE CLINIC, Dorchester MA (1985-1986)
- **Nurse Practitioner (part-time)**
OCCUPATIONAL HEALTH SERVICES/MASSACHUSETTS RESPIRATORY/NORFOLK COUNTY HOSPITAL, Braintree MA (06/1984—03/1988) (*affiliate with Harvard University School of Public Health*)
- **Program Director**, Occupational Health Services
- **Program Coordinator**, Occupational Health Services

RESEARCH EXPERIENCE / SCHOLARLY OR CREATIVE ACTIVITIES

AWARDED GRANTS/CONTRACTS (partial list only)

- **Principle Investigator**, CSU-Pueblo, Faculty Seed Grant for Stakeholder Dissonance Research (2011-12 for 5K)
- **Project Director**, *Susan G. Komen Foundation Grant* (2007-2008 for 70K)
- **Project Director**- Colorado Comprehensive Cancer Program Needs Assessment (2007-10K)
- **Consultant** *EnviRN – an Internet environmental health resource for nurses* (University of Maryland, 2000)
- **Consultant** – “Displaced Employees of DOE ...” (Boston University, 1999)
- **Co-investigator** *Stress Among Victims of Petro-chemical Industrial Accidents* (NIOSH/NIMH 89K/year subcontract from University of Pittsburgh 1995 -- 2000)
- **Project Director/Principle Investigator**: *A Multi-site Health Needs Assessment for DOE Nuclear Workers and an Intervention* (Medco Foundation Grant 1993-1995 for 300K).
- **Project Director**: OSHA New Directions Grant on Catastrophic Emergency Preparedness (1989-1992 multi-year for 500K)
- **Health Educator** *HIV Prevention* (NIOSH –25K, 1993)
- **Consultant** *Evaluation of the Oak Ridge Beryllium Screening Program*
- **German Marshall Fund Grant** – Travel to two OECD meetings on Transnational Catastrophic Industrial Disasters as an official U.S. Delegate
- **Atlantic Richfield (ARCO) - American Medical Student Association Grant** (1983)

PUBLICATIONS (peer-reviewed or refereed articles/ book chapters)

- **Samaras, EA** and Samaras, GM. (October 2016). Confronting systemic challenges in interoperable medical device safety, security & usability. *Journal of Biomedical Informatics* 63 (2016) 226-234.
- **Samaras, E.** and Samaras, G. (February 2012). Stakeholder dissonance as a critical determinant of an e-health initiative: A case study. *Online Journal of Nursing Informatics (OJNI)*, 16 (1).
- **Samaras EA**, Real SD, Curtis AM & Meunier TS. (2012) Recognizing nurse stakeholder dissonance as a critical determinant of patient safety in new healthcare information technologies. *WORK: A Journal of Assessment, Prevention, and Rehabilitation*, 41(s1): 1904-1910.
- **Samaras EA & Samaras GM** (2010). Using human-centered systems engineering to reduce nurse stakeholder dissonance. *Biomedical Instrumentation & Technology*, 44(s1):25-32.
- Samaras, G.M. & **Samaras, E.A.** *Feasibility of an e-health initiative: Information NWDs of cancer survivor stakeholders*, Proc. 17th World Congress on Ergonomics, August 9-14, 2009, Beijing, China (presentation and paper published in the proceedings).
- **Samaras, E. Averill** and Valdez S. Positive factors influencing Hispanic/Latina participation in breast cancer clinical trials (abstract) *Oncology Nursing Forum*. Vol. 34, no.1, p. 180, 2007.
- **Averill E.** Acquired immune deficiency virus (HIV) and the workplace, in Paul M. (editor) *Occupational and Environmental Reproductive Hazards*. New York: Williams and Wilkins, 1993.
- **Averill E.** et al. (1993) Content of worker notification (proceedings). *American Journal of Industrial Medicine*. 23:71-76.
- **Averill E.** et al. (1993) Notification in the community context (proceedings). *American Journal of Industrial Medicine*. 23:171-176.
- **Averill E.** and Samuels, S. (1992) International occupational and environmental health, in Rom W. (editor) *Occupational and Environmental Medicine*, 2nd edition. Boston: Little, Brown and Company.

PUBLICATIONS (other, e.g. governmental reports, published educational materials and books)

- **Samaras, EA & GM.** *Colorado Comprehensive Cancer Program - Creating a Comprehensive, Statewide Cancer Resource Directory: A Feasibility Study.* Final report Order # PPG07000175. June 30, 2007
- Isaac K. and **Samaras, E. Averill** Your job and your health: why you should talk to your doctor or other health provider. Alice Hamilton College, 1994.
- **Averill E.** (editor) *Prevention and control of toxic releases into the work and community environment.* Washington, DC: Workplace Health Fund. ISBN 0-9628430-1-6.
- **Averill E.** (1989) *Blueprint for Prevention.* Washington, DC: Workplace Health Fund.

SELECT PRESENTATIONS (partial list):

- Workshop Co-presenter with Dr. George M. Samaras at the 2016 Annual Human Factors and Ergonomics Society Conference in Washington, DC. Title: Risk Management Workshop for HF/E Practitioners.
- Invited guest speaker on Occupational Health Nursing for Colorado State University and University of Colorado entitled: *Perspectives on Occupational & Environmental Health Nursing* for a graduate course entitled **Spectrum of Professions Protecting and Promoting Worker Health.** (October 2014—present)
- **Recognizing nurse stakeholder dissonance as a critical determinant of patient safety in new healthcare information technologies.** International Ergonomics Association Triennial World Congress, Recife Brazil, February, 2012
- **Breast Cancer along the Continuum: Nuts and Bolts for the APN.** Invited Graduate Lecture CSU-Pueblo, April 3, 2009
- **Information Needs, Wants and Desires of Cancer Survivors** Colorado Cancer Summit, Grand Junction CO, October 6, 2008
- **Strategies for Minority Recruitment to Cancer Clinical Trials** Catholic Health Oncology Network's Inaugural Conference, Denver CO, July 2007
- **Positive Factors Influencing Hispanic/Latinas Participation in Breast Cancer Clinical Trials** Oncology Nursing Society's Biennial Research Conference, Los Angeles CA, February 2007
- **Cancer Screening and Surveillance: Current and Emerging Issues** -- American College of Nurse Practitioners National Clinical Conference, Philadelphia, PA October 22, 2004
- **Oncologic Emergencies for the NON-Oncology Nurse** -- Cancer Symposium, Colorado State University, Pueblo, CO March, 2004 and October, 2005

SERVICE/PROFESSIONAL ACTIVITIES/HONORS (approximate dates)

- 04/2012-present Faculty Senate, CSU-Pueblo
- 02/2012-present Honors Program Steering Committee, CSU-Pueblo
- 2012 Sigma Theta Tau – Scholarship Award
- 2011, 2012 Center for Nursing Excellence Scholarship (for DNP program)
- 8/2009-present Grants and Website Committee, Department of Nursing, CSU-P
- 2008-2009 Corwin International School, Volunteer Grant Writer
- 2003- present Oncology Nurses Society
- 2005- 2008 Colorado Cancer Coalition
- 2005- present Susan G. Komen for the Cure Pueblo Steering Committee, Grant Committee and Team Captain. Honorary Survivor for Pueblo County
- 2005-2009 Cancer Committee – St. Mary Corwin Medical Center
- 2007-2008 Tough Enough to Wear Pink Rodeo Volunteer
- 2004-2007 American College of Nurse Practitioners
- 2004 YMCA – Asst. Coach for youth soccer
- 1983- 1997 American Public Health Association
- Late 1990's Chair, National Work Environment Committee of the Sierra Club
- 1987-1994 AFL-CIO Health and Safety Committee
- Late 1980's National Academy of Sciences TIPCOM Program
- Late 80's-1994 Oak Ridge Associated Universities Beryllium Study Advisory Group
- 1988, 1989 U.S Representative to two OECD meetings on Transnational Chemical Releases
- 1996–present Sigma Theta Tau
- 1987-1990 HIV Speakers' Bureau Whitman Walker Clinic

- 1985 Harvard University School of Public Health Occupational Health Exchange in China
- 1984-1994 Guest lecturer for courses at Johns Hopkins' and Harvard University School of Public Health, University of Massachusetts and Maryland School of Nursing
- 1983 American Medical Students Society /Atlantic Richfield Company
(student grant in occupational health)