Curriculum Vitae

Roxane Raffin Chan, PhD, RN, AHN-BC

Work Address Roxane Raffin Chan, PhD, MS, RN, AHN-BC Chan Body Energy, LLC 359 Crestway Court Saline, MI 48176 Education 2013 PhD, Nursing, Health promotion risk reduction University of Michigan, Ann Arbor, MI Dissertation: Chan, R. R. (2010-2013). Respiratory psychophysiology and the measurement of mindfulness in the COPD population. University of Michigan School of nursing, Committee chair Janet L. Larson, PhD, RN, FAAN and dissertation committee, Nicholas Giardino, PhD, Barbara Jean-Sullivan, PhD, RN, Denise Saint Arnault, PhD, RN 1990 MS, Nursing administrative studies University of Illinois at Chicago, Chicago IL Thesis: Chan, R.R. (1990). Educational and psychosocial needs of health care providers caring for HIV positive and AIDs patients in the acute care setting. Policies and procedures following needle stick exposures with known contaminated blood. 1979 **BS**. Nursing Northern Illinois University Dekalb, IL 2003 Therapeutic massage, 650-hour program Michigan School of Myomassology 1996 Multi-discipline course in Palliative care University of California, Davis, West Coast Center for Palliative Education Licenses and certifications 2018 Trained provider and trainer for Transition to Success™ 2018 Trained provider TRHT Racial Healing Circles 2016 Trained provider: Mindfulness Self-Compassion University of California Center for Mindfulness Expires 03/31/2021 State of Michigan Registered Nurse 2010 Certificate in Nursing Education University of Michigan

Expires 11/30/2023	Advanced Board-Certified Holistic Nurse American Holistic Nurses Association
2004	Reiki Master Spirit of Wellness and The Reiki Sanctuary
1987	Certified Associate Addictions Counselor State of Illinois
Professional Employment	
2018 – present	CREDO Episcopal Church Wellness Programs Health Faculty
2019 – 2020	Cristo Rey Community Center Program Integration Specialist
2018- 2019	Michigan State University Associate Professor
2013 - 2018	Michigan State University Assistant Professor
2004 – present	Chan Body Energy LLC, Saline Michigan Owner/Instructor/therapist
2003 - 2004	Michigan School of Myomassology, Berkley, Michigan Instructor
2000 - 2003	Oakland University, Rochester, Michigan Clinical Instructor; School of Nursing
1998 – 2002	Christ Church Cranbrook, Bloomfield Hills, Michigan Director Parish Nursing Program
1996 – 1997	Saint John's Health Center, Santa Monica, California Clinical improvement coordinator
1990 – 1995	LAC+USC Medical Center Los Angeles, California Nursing administration
1994 – 1997	University of Southern California Los Angeles, California Clinical Instructor and lecturer; School of Nursing

Research - Funded

Chan, R., Larson, J., (2010) Primary Investigator, Meditation as an intervention for COPD: July NIH F31NRR012334 (\$81,000.00)

Chan, R., Bay, E. (2012) Co-Primary Investigator Meditation group therapy for traumatic brain injury, Janet Gatherer Boyles Endowment Fund University of Michigan School of Nursing/current intervention research \$10,00 Lehto, R., Smith, B., Chan, R., Lamphere, R. (2015) Co-Investigator. Using heart rate variability to test dose effects during meditation practice. Michigan State University Translational Science Institute Grant ID222. \$5,000.00

Chan, R., Lehto, R., Cummings, T., Maneval, R., Greenberg, M., (2017) PI. Think Tank grant to advance a multidisciplinary culture of compassion in health care. Event scheduled for August 2018 on Michigan State University Campus College of Nursing. Foundation grant: \$5,000.00

Chan, R., Ford, S., Stahl, D (2018) Learning Community Designation Michigan State University Academic Advancement Network: "Consortium for Compassionate Wellbeing" \$500.00 annually

Research - Unfunded

ParaCHUTE pilot study: (2014) Using reflective action participatory research to identify teaching strategies for integrative health care modalities in nursing core curriculum

Building patient led community meditation resources for adults with chronic disease: (2014/2015) A focused ethnographic study of advanced meditation practitioners and their ability to build a sustaining meditation community within the health care setting.

Program funding

Chan, R., Warren, K., Chan, K. Co-developer. (2005 – Present) Organ donation in the faith communities, American Lung Association program grant \$ 5,000.00 yearly (2003-2013)

Chan, R., Developer, (2002) Gymboree for teen mothers and their toddlers, Nancy Boykin Continuing Education Center. Detroit MI Episcopal women's fund, \$1,000.00

Publications – referred journals

Bay, Esther H. and **Chan, Roxane, R.** (2019). Comparison of two group therapies: Mindfulnessbased versus active control group interventions after traumatic brain injury. *Journal of Psychosocial Nursing and Mental Health Services* 57(1) (IF 0.77)

Chan, R., Beaulieu, J. and Pickering, C.E.Z. (2018). Building Sangha in the American Healthcare Setting for persons with chronic disease. *Explore Journal of Science and Healing*. 14(2) (IF 1.01)

Choi, S, **Chan, R.,** Lehto, R., (2018) Relationships Between Smoking Status and Psychological Distress, Optimism, and Health Environment Perceptions at Time of Diagnosis of Actual or Suspected Lung Cancer, *Cancer Nursing* (E-pub ahead of press) (IF 1.66)

Hao, T., Bi, C., **Chan, R.,** and Xing, G. (2017). MindfulWatch: Extracting Real-time Respiratory Information from Smartwatches during Meditation. *Pervasive and Ubiquitous Computing*. 1(3)

Olsen, D., Lehto, R., and **Chan, R.**, (2017). Ethical nursing care when the terminally ill patient seeks death, *American Journal of Nursing*. 117(7), 55-55 (IF 1.38)

Chan, R., and Schathraff, M., (2016). Participatory action inquiry using nursing students: The inclusion of integrative health care modalities in nursing core curriculum. *Nurse education in practice*, 22, 66-72. (IF 0.964)

Lehto, R., Olsen, D., and **Chan, R**., (2016). When a patient discusses assisted suicide: Nursing Considerations. *Journal of Hospice and Palliative care* 18 (3), 184-191 (IF 0.47)

Olsen, D., Lehto, R., and **Chan, R.**, (2016). When a participant in end-of-life research asks to discuss assisted suicide: Ethical analysis of the nurse researcher role. *Western Journal of nursing*, *38*(9). 1205-1220 (IF 1.29)

Chan, R., and Lehto, R., (2016). The experience of learning meditation and mind/body practices in the COPD population. *Explore Journal of Science and Healing*. 12 (3), 171-179 (IF 1.01)

Bay, E., Grimm, C., **Chan, R**., (2016). Development and testing of two lifestyle intervention programs for persons with chronic mild-to-moderate traumatic brain injury: Acceptability and feasibility. *Journal of Applied Nursing Research* 93(3), 90-93 (IF 1.04)

Chan, R., Larson, J.L. (2015). Meditation interventions for chronic disease populations: A systematic review. *Journal of Holistic Nursing*. 33(4), 351-65. (H factor, 31)

Chan, R; Giardino, N.; Larson, J.L. (2015). Modified mindfulness meditation intervention in COPD. *International journal of chronic obstructive pulmonary disease*. 10 (1), 445-454 (IF 3.41)

Chan, R. (2014) Mantra meditation as a spiritually based nursing intervention. *Med/surg Journal of adult health*, 23(2), 84-8 (IF 0.52)

Raffin (Chan) R, Gillies, DA, Hough EE, Biordi DL. (1993) Managing HIV-positive and AIDS risks: educational and psychosocial resource assessment. *Nursing Management*, 24(2): 48-53 (IF 1.72)

Presentations - referred

Embodied Nursing Curriculum American Holistic Nurses Association International Conference Niagra Falls, NY: June 2018 Roxane Raffin Chan, PhD, RN, AHN-BC Emily McIntire, MSN, RN Podium presentation Self-compassion for nurses; Becoming the wise nurse Michigan Chapter of the American Psychiatric Association, April 14, 2018 Lansing, MI Roxane Raffin Chan, PhD, RN, AHN-BC

Mindfulness Self-Compassion for Nurses and caregivers Michigan State University March – May 2018 Eight weekly sessions Roxane Raffin Chan, PhD, RN, AHN-BC

Nursing Care Management Conference Novi, IL November 1, 2018 Podium presentation and experience Roxane Raffin Chan, PhD, RN, AHN-BC

Embodied Nursing Pedagogy: Walking a mile in the patient's shoes Association of Contemplative Mind in Higher Education Annual National Conference Radicalizing Contemplative Education Santa Clara, California: November 2017 Roxane Raffin Chan, PhD, RN, AHN-BC Emily McIntire, MSN, RN Podium presentation

Teaching Resiliency using a retreat format in the Baccalaureate nursing Curriculum Association of Contemplative Mind in Higher Education Annual National Conference Radicalizing Contemplative Education Santa Clara, California: November 2017 Roxane Raffin Chan, PhD, RN, AHN-BC Karla Palmer, MS, RN Donna Moyer, PhD, RN Poster presentation

Coaching Love American Holistic Nurses Annual International Conference June 2017 Roxane Raffin Chan, PhD, RN, AHN-BC Podium presentation

Self-compassion skills for pediatric nurses: Loving me, loving the child Facets of Pediatric Care Conference University of Michigan May 19th, 2017 Roxane Raffin Chan, PhD, RN, AHN-BC Podium presentation

The Feasibility of Heart Rate Variability to Test Dose Effectiveness of Home-based Meditative Practices in Lung Cancer Patients Midwest Nursing Research Society Annual Conference April 17th, 2017 Roxane Raffin Chan PhD, RN, AHN-BC Rebecca Lehto, PhD, RN Podium/poster presentation

Integrative Therapies in Pain & Stress Management 2017 Conference on PAIN February 7, 2017 Roxane Chan, PhD, RN, AHN-BC Podium Presentation

The process of emotional awakening in the beginning meditator with chronic disease. International symposium of contemplative science. November 2016 Roxane Raffin Chan, PhD, RN, AHN-BC Rebecca Lehto, PhD, RN Poster presentation

Expert meditators in the chronic disease population: Building Sangha in the American health care setting. International symposium of contemplative science November 2016 Roxane Raffin Chan, PhD, RN, AHN-BC Jamie Beaulieu BSN Student Carolyn Z. Pickering, PhD, RN Poster presentation

The Primary Health Care Curricular Pathway: An innovative model for fostering dynamic and integrative approaches to population health nursing American Association of Colleges of Nursing 2016 Baccalaureate Education Conference (Nov) Rhonda Maneval, D. Ed, RN Roxane Raffin Chan, PhD, RN, AHN-BC Poster presentation

Expert meditators in the COPD population: Building Sangha in the American health care setting Council for the Advancement of Nursing Science October 2016 Roxane Raffin Chan, PhD, RN, AHN-BC Jamie Beaulieu BSN Student Carolyn Z. Pickering, PhD, RN Podium presentation

Feasibility of heart rate variability to test dose effectiveness of Home-based meditative practices in lung cancer patients 18th international Psycho-oncology society world congress. October 2016 Rebecca Lehto, RN, PhD Roxane Raffin Chan, RN, PhD Poster presentation

Mind/Body self-care for stressful situations Sparrow / AWHONN perinatal mental health conference Nov 30, 2016 Roxane Raffin Chan, RN, PhD, AHN-BC Rebecca Lehto, RN, PhD, AHN-BC Podium presentation with CNE

The parachute program: Bringing integrative therapies into Baccalaureate curriculum American Holistic Nursing International Conference June 2016 Roxane Raffin Chan, PhD, RN, AHN-BC Michelle Schathraff, DNP, RN, BSW Oral presentation

Grief Awareness Week

Presentation and two group support sessions for ICU and Labor and delivery nursing teams Department of Decedent Affairs, University of Michigan Medical Center, Ann Arbor, MI Podium presentation/Group sessions May 17th, 2016

Nursing integrative interventions for patients with chronic pain Michigan State University Alpha Psi Chapter meeting, January 18^{th, 2016} Roxane Raffin Chan, RN, PhD, AHN-BC Podium presentation

Integrative health care for pain and stress CNE on-line course February 2016 MSU College of Nursing web site. Self-paced CNE video

Integrative therapies in Pain Management: Mindfulness for chronic pain The 2015 conference on Pain, Oct 20, 2015 Roxane Raffin Chan, RN, PhD, AHN-BC Podium presentation

Mindfulness and integrative therapies for chronic disease and stress Michigan Center for Rural Health, September 3, 2015 Roxane Raffin Chan, RN, PhD, AHN-BC Podium Presentation

Mindfulness-based meditations versus health living after traumatic brain injury: A pilot RCT to treat post-TBI depressive symptoms Sigma Theta Tau 26th Annual International Nursing research congress July 26, 2015 Esther Bay, PhD, RN Roxane Raffin Chan, PhD, RN, AHN-BC Poster presentation

Mindfulness-based stress reduction versus healthy living after TBI: A pilot RCT examining their effects on symptoms, chronic stress and psychological functioning. 12th North American Brain Injury Conference, San Antonio, Texas, May 2, 2015. Esther Bay, PhD, RN Roxane Raffin Chan, PhD, RN, AHN-BC, LMT Poster presentation

ParaCHUTE program for the delivery of integrative care in the acute care setting
Community Nursing Research Day March, 19 2015
Roxane Raffin Chan, RN, PhD, AHN-BC, LMT
Poster presentation
Mindfulness-based stress reduction versus healthy living after TBI control group interventions:
A pilot RCT examining their effects on depressive symptoms, chronic stress, and psychological functioning.
10th World Congress on Traumatic Brain Injury: San Francisco California, March 2014
Roxane Raffin Chan, RN, PhD, AHN-BC, LMT
Esther Bay, RN, PhD

Janet Larson, RN, PhD, FAAN Poster presentation

Shining a light on complexity: Researching complex interventions Annual Conference: Portland Oregon, June 2014 Roxane Raffin Chan, RN, PhD, AHN-BC, LMT Anne Vitale, RN, PhD American Holistic Nurses Association Podium presentation

Mindfulness-based group therapy versus healthy-living after TBI: Results from a pilot RCT. University of Michigan Center for Injury Prevention 1rst Annual Research Symposium: Ann Arbor, MI September 2014 Esther Bay, RN, PhD, Roxane Raffin Chan, RN, PhD, AHN-BC, LMT Janet Larson, RN, PhD, FAAN Poster presentation

Research on Meditation for Persons with Chronic Lung Disease American Holistic Nurses Association Annual Conference: Snowbird, UT June 2013 Roxane Raffin Chan, PhD, RN, AHN-BC Podium presentation

Modified mindfulness-based stress reduction intervention in COPD American Thoracic Society Annual Research Conference: Philadelphia, PA May 2013 Roxane Raffin Chan, MS, PhD (c), RN, AHN-BC Podium Presentation

The Impact of Meditation on Breathing Timing Parameters in the COPD Population International Society for the Advancement of Respiratory Psychophysiology Annual Research Conference: Orlando, FL September 2012 Podium presentation

Defining the Nurse Managed Unit within a Teaching Medical Center Organization of Nurse Executives San Francisco and Los Angeles, California Sixth annual ONE-C Invitational, 1994 Poster Presentation

Impact of Nurse pulmonary specialty care within a Teaching Medical Center Respiratory Nursing Society: Los Angeles, CA February 1994 Oral presentation Nurses Helping Nurses: Coping with the Challenges of AIDS Sigma Theta Tau International State of the Sciences Congress: Washington D.C. August 1992 Symposium Presentation

Educational and Support Needs of Care Givers of HIV Positive Patients

Midwest Nursing Research Society: Cleveland, Ohio March 1992 Poster Presentation

Presentations – invited

Healing with self-compassion Women 2 women Regional one day event November 2020 Roxane Raffin Chan, PhD, RN, AHN-BC

Our Journey of Self-Care Ann Arbor women in recovery Two-day retreat, August 2020 Roxane Raffin Chan, PhD, RN, AHN-BC

Mindfulness and wellness techniques Nursing grand rounds Michigan Center for Rural Health December 2019 Roxane Raffin Chan, PhD, RN, AHN-BC

Transition to success: How to help people out of poverty Lansing public health workers Three day program, September 2019 Roxane Raffin Chan, PhD, RN, AHN-BC Debra Springer, MSW

Meditation on Self-Compassion University of Michigan Day of Woman's Health January 12, 2019 Roxane Raffin Chan, PhD, RN, AHN-BC

Resilient Me Michigan State University September 15th, 2018 East Lansing, MI Roxane Raffin Chan, PhD, RN, AHN-BC

Doula Love End of Life Doula sharing circle Ann Arbor, MI November 14th, 2017 Presentation and discussion

Mindfulness and self-compassion for self-care Lung transplant Support group University of Michigan September 16th, 2017 Roxane Raffin Chan, PhD, RN, AHN-BC Group discussion

Joyful teachers: Self-compassion for educators Lansing Department of Public Schools PEACE PROJECT August 16th and 17th 2017 Roxane Raffin Chan, PhD, RN, AHN-BC Debbie Wollard Two-day retreat Mindfulness Self-Compassion workshop Meridian Senior Center December 15, 2016 Roxane Raffin Chan, RN, PhD, AHN-BC

Integrative therapies in health care Senior Living Episode #83 HOMTV Lansing MI Filmed November 2016 Roxane Raffin Chan, RN, PhD, AHN-BC BSN Students: Hannah Hammond and Jennifer Wilt

Prayer and meditation Catholic Women's group Lansing, MI: October 10^{th, 2015} and October 11th, 2016

Self-Compassion and chronic lung disease Better Breathers Club Beaumont Health System, Pulmonary Rehabilitation March 18th, 2016

Integrative care for chronic disease in the community Panel discussion MSU extension fall conference Lansing, MI October 13th, 2015

The Mindful Heart Pre-post heart transplant and LVAD support group Ann Arbor, MI: May 4, 2015

Mind/Body practices for better breathing Beaumont Rehabilitation Lecture series Royal Oak, MI: March 13, 2015

A holistic approach to self-care and nursing Guest lecture University of Michigan School of Nursing Ann Arbor, MI: February 27^{th, 2014}

Mind/Body health care Idiopathic pulmonary fibrosis support group Ann Arbor, MI October 2013

Developing a Holistic Plan of Care with Your Health Care Team University of Michigan, Ann Arbor, MI Regional Patient meeting: Ohio, Michigan and Indiana: October 2008

Spirituality of Organ Donation

Workshop developer and coordinator, Detroit Area Parish Nurses: August 2005 Expanded to cities throughout Michigan with further grant funding: September (2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 and 2015)

Mind, Body and Spirit Connection and Meditation

Better Breathers Support Group, Beaumont Hospital Royal Oak, MI, September 2008 Myasthenia Gravis Support Group, St. Joseph Medical Center, Ypsilanti, MI, September 2008 LAM Support Group, University of Michigan, Ann Arbor, MI, October 2008 Neuropathy Support Group, Southfield MI, June 2007 Pulmonary Hypertension Support Group, University of Michigan; Ann Arbor, MI, November, 2006 Hepatitis C Support Group, Henry Ford Medical Center, Detroit, MI, May 2005 Lung Transplant Support Group, Henry Ford Medical Center, Detroit, MI, October 2004 Milford Presbyterian Church Parish Group, Milford, MI, October 2004

Body Prayer: Mind, Body and Spirit Wellness Christ Church Grosse Pointe, January 2006 St. Clare's Church, Ann Arbor, April 2007 Nativity Church, Bloomfield Hills, April 2007 St. Philips Church, Rochester Hills, November 2008

Foundations of Health: Meditation, Movement and Touch Ecumenical Theological Seminary, Locations varied each year within Michigan Developed and presented a three-day retreat, April 2005, May 2006, May 2007, May 2008 Part of a four-year ongoing quality development program for multi-denominational ordained clergy throughout the state of Michigan.

Healthy Touch Common Ground Counseling Center Bloomfield Hills, MI Workshop leader Young Women's Rape Recovery Group September 2004 Teen Girls Counseling Group November 2004

What is a Therapeutic Massage? Mom's and More Metro Oakland Chapter, Bloomfield Hills, MI, May 2003

Benefits and Techniques for Massage in the Acute Care Setting Wayne State University School of Nursing, Detroit MI, March 2003 Guest lecturer

Nutrition: A Key to Good Health Episcopal Women's Annual Weekend Retreat: Mind-Body-Spirit Connection State of Michigan Conference 2001

Overview of Hospice care and Parish Nursing Oakland University School of Nursing, Rochester Hills, MI January 2000/January 2001/January 200

Honors and awards

2019

Billie Gamble Undergraduate Teaching Excellence/Enrichment award Michigan State University College of Nursing

2009	New Investigator award University of Michigan Class of 1959 \$3,000.00
2006	Donate Life Coalition of Michigan Visionary Award
1995	Nurse Week -Top Ten Nurses in the State of California, Nursing Excellence
1994	Los Angeles Department of Health Services Innovation Award; Outstanding leadership, innovation and contributions to promoting excellence in nursing practice

Professional memberships

2009-present	International Society for the Advancement of Respiratory Psychophysiology
2004-present	American Holistic Nursing Association
2003-present	Michigan Holistic Nursing Association
1978-present	Sigma Theta Tau (Current; Alpha Psi Chapter) 2014-present: Grant review committee

National professional organizations and offices

2021 – present	American Holistic Nurses Association President-elect
2018-2021	American Holistic Nurses Association Elected board member
2016-present	American Holistic Nurses Association Educational committee chair
2015-present	Reviewer: International journal of Chronic Obstructive Pulmonary disease
2015-present	Reviewer: International Journal of Stress Management
2014-present	Reviewer: Heart and Lung Journal of Critical Care
2015-present	Reviewer: Journal of the American Psychiatric Nursing Association
2015-present	Content Reviewer: AHNCC Advanced Holistic

	Nursing Board Certification exam
2014-2016	Member 2015 American Holistic Nurses annual international conference planning committee Nurse planner for 2016 American Holistic Nurses international conference
2010-2014	Michigan Holistic Nurses Association Education committee 2011-2014
	Nurse planner annual retreat: <i>Discovering compassion</i> through forgiveness: Becoming sanctuary Kalamazoo, MI October 2012
	Nurse planner annual retreat: <i>Back to nature</i> Howell, MI September 2013
2010-present	Educational reviewer American Holistic Nurses Association
2013-2014	Research committee, American Holistic Nurses Association
1994-1996	Respiratory Nursing Society Vice president Southern California Chapter, 1995 Program chairperson, 1995

State and local professional committees and boards

2019 - present	Board Member Global Alliance: Support for refugee women in Michigan
2017-2019	Board Member Forster Woods adult day-care program Williamston, MI
2016-2020	Board Member League of Women Voters Ann Arbor
2016-2020	Saline Farmers Market Committee
2006-2009	Board Member Quest for Breath; Idiopathic Pulmonary Fibrosis Research, University of Michigan
2008-2009	Support group coordinator; IPF Quest for breath
1996-1997	Los Angeles County Ethics Committee
1991-1996	American nurses Association of California Member founding taskforce, 1996

1996	Member CAL/NOC nursing outcomes task force
1994-1996	California Thoracic Society Professional nurse committee chair-elect 1996
Community service	
2018 – present	One Love Global, Truth, Racial Healing And Transformation: Racial healing group Facilitator and Ambassador
2008-2012	Meditation classes, Bi-monthly Saline Public library
2006-2016	Women's meditation circle, bi-monthly Saline, MI
University service	
2010-2011	Curriculum committee, University of Michigan School of Nursing
2011-2012	CASS committee, University of Michigan School of Nursing
2013-present	Undergraduate curriculum committee, Chair: 2015/2016 Michigan State University, College of Nursing
2014-present	Undergraduate curriculum refreshment committee. Michigan State University College of Nursing
2016-present	University Office of Outreach and Engagement awards committee
2016-present	MSU CON Bylaws committee
2016-present	Office of Outreach and Engagement awards selection committee, Michigan State University
2017-present	University Library Committee, Michigan State University
2017-present	Faculty Advisory Committee, Michigan State University
2018-present	Ombudsman search committee, Michigan State University

Other

FILMS

"A Celebration of Caring, LAC+USC Medical Center", 1993 Writer and Producer Documentary on the Medical Center recovery from the 1992 riots and shooting in the Emergency Department

Teaching

2016- present	Health promotion and health risk reduction in the community NUR324 Course developer and coordinator Michigan State University
2015-present	Nursing Scholarship NUR220 Michigan State University
2013-present	Nursing foundations NUR330 Nursing integrative seminar NUR450 Michigan State University
2010-2013	Complementary therapies and alternative healing Nurs 516; University of Michigan
2005-2007	Beginning meditation Saline Community Education program
2004-2005	Anatomy and physiology Michigan School of Myomassology
2000-2003	Health promotion in community, Nurs 340 On-line/BSN completion Oakland University
	Vulnerable populations (clinical) Nurs 213/303 Oakland University
1994-1997	Senior Med/surg Nurs 410 Leadership seminar Nurs 450 NCLEX review University of Southern California
1980-1982	Basic Clinical competencies Nurs 160 Medical/surgical clinical Psychiatric clinical Joliet Junior College