CURRICULUM VITAE

Kathleen Thimsen
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Educational History

Degree	Year	Institution	Location	Major
DrNP	2015	Regis University	Denver, CO	Leadership
Post MSN	2010	Johns Hopkins University	Baltimore, MD	Forensics
Fellowship	2008	University of Illinois (Public Health)	Chicago, IL	Public Health
MSN	1995	Webster University	St. Louis, MO	MSN
BS	1992	Webster University	St. Louis, MO	BS
ADN	1976	Belleville Area College (SWIC)	Belleville, IL	ADN

Certification & Licenses

- Board Certified in Wound, Ostomy, Continence Nursing, initially 1980, last certified 2008
- Board Certification in Advanced Forensic Nursing, 2021
- SANE Trained 2011

• Illinois RN license: 041.168409

• NV RN license: 29201

Employment History

Year to Year Position	Institution	Location
2020-Present Associate	University of Nevada Las Vegas School of	Las Vegas, NV
Professor in Residence &	Nursing	
Director of Doctor of Nursing		
Practice Program & Co-Director		
of UNLV Community Clinic		
2013 – 2020 Assistant Professor	Barnes Jewish College @ Goldfarb School of	St. Louis, MO
	Nursing	
2013 – 2014 Visiting Professor	Chamberlain College of Nursing	St. Louis, MO
2009 – 2013 Director (Dean	SIUE School of Nursing	Edwardsville, IL
Appointed) & Instructor School		
of Nursing		

Year to Year Position	Institution	Location
2009 – Guest Lecturer	Johns Hopkins University SON	Baltimore, MD
2009 – 2012 Nursing House Supervisor	Anderson Hospital	Maryville, IL
2007 – 2008 Fellow	University of Illinois School of Public Health	Chicago, IL
2007 – 2009 Director of Clinical Services	SIVNA	Swansea, IL
2006 – 2007 Research Coordinator (NIH)	St. Louis University	St. Louis, MO
2002 – 2004 Administrator	Lourdes Home Health	Collingswood, NJ
2000 – 2002 Director of Clinical Services	Sterling Medical Services	Moorestown, NJ
2000	Sterling was acquired by Coloplast Corp	Copenhagen, Denmark
1998 – 2000 Director of Clinical Research	Coloplast Corp	Marietta, GA
1998 – Clinical Consultant	Olsten-Kimberly	Reno, NV
1997 – present President & Founder	Sierra Clinical Research & Forensic Associates	St. Louis, MO Chesapeake, MD Reno, NV
1990 – 1996 CEO & Founder	Whitaker Care Consultants	Belleville, IL
1988 – 1990 Director of ET Nursing	Jewish Hospital @ Washington University	St. Louis, MO
1986 – 1988 Director of Education	ROHO Inc.	Belleville, IL
1976 – 1985 Nurse Specialist	Memorial Hospital	Belleville, IL
1971 – 1976 Ward Secretary	Memorial Hospital	Belleville, IL

PUBLICATIONS

Speck, P., Mitchell, S., Thimsen, K., Patch, M., Hayes, H., Charles, L., Veltman, M., Dowdell, E., Doss, J., Berijal, K. (2021). Forensic Nursing Competencies: Report of Delphi study and core curricular concepts. (In process and under review_ NOTE: This document is under review with ANCC for consideration of including Forensic Nursing as a specialty in Nursing and our certification process to be aligned with undergraduate and graduate Essentials to provide a valid and reliable certification process. Charter certification examination will be deployed March 2022).

Thimsen, K and Faguano, D. (2020). Elder Abuse Clinical Identification: Case series of 612 elder abuse cases. Evidence Magazine, summer.

Thimsen, K and Jett, K. (2019) Chancroid, in Speck, P. et al (eds). Sexually transmitted infections and sexually transmitted diseases for health care providers and first responders. STM Learning, St. Louis, MO.

DeClue, W. and Thimsen, K. (2019) Granuloma Lymphoid, sexually transmitted infections and sexually transmitted diseases for health care providers and first responders. STM Learning, St. Louis, MO.

Flynn, A. and Thimsen, K. (2019). Lymphogranuloma Venereum, sexually transmitted infections and sexually transmitted diseases for health care providers and first responders. STM Learning, St. Louis, MO.

Drake, S., Pickens, S., Harper, S., Hudson, A., Wolf, D., Thimsen, K. (2018). Frequent Pitfalls in the Medicolegal Death Investigations of Fatal Elder Abuse. Journal of Abuse and Neglect.

Drake, S., Koetting, C., Thimsen, K., Valentine, J., Finn, C. (2018). Forensic Nursing State of the Science: Research and practice opportunities. Journal of Forensic Nursing.

Thimsen, K. (2016). Sexual Assault Curriculum: Elder Sexual Assault. Sigma Theta Tau International; Webinar curriculum, Indianapolis, IN

Williams, J. and Thimsen, K. in Crane, P, et al (eds). (2013). Forensic Nursing Evidence-based Practice: Chapter on Elder Abuse. F. A. Davis, Publisher.

(1992) Percutaneous Tube Management: Core Curriculum by CV Mosby for: Acute and Chronic Wound Care. St. Louis, MO.

Wound Care Case Management, (1995). *Clinical Practice Guidelines for the Case Manager*: Contributor and Reviewer; CV Mosby, Inc.

Healthy People 2020: Best Practice in Community Health and Engagement Programs in an Urban Setting 2011. Association for Prevention Teaching and Research (APTR), Washington DC. aptrweb www.aptrweb.org

Constantino, R., Stewart, C., Campbell, P., Moynihan, B., Kagan, S., Daugherty, P., Thimsen, K., Tiefel, L., O'Brien, C. (2014) Evidence Collection of the Unconscious and Unconsented Patient. Open Journal of Nursing, 2014, 4, 287-295

Kagan, S. and Thimsen, K., (2009). International Association of Forensic Nurses. *Journey to Creating an Ethical Vision*. *On the Edge*, July 2009.

Thimsen, K. and Motta, G., (1997). Efficacy and Cost Analysis of Wound Debridement with SimpliPulse. Ostomy and Wound Management, Fall.

Thimsen, K. (1992). *Novel Wound Care Yields Positive Result: Collagen Wound Care Treatment Experiences*. *Ostomy and Wound Management*, Spring. King of Prussia, PA.

Thimsen, K, (1990). Clinical Case Update: *Skin Tear Assessment and Management*. (Special Edition); *Ostomy and Wound Management*. King of Prussia, PA.

Thimsen, K, Young, M and Swatske, M. (1990). *Managing High Output Effluent*. *Ostomy and Wound* Management, fall, King of Prussia, PA.

Thimsen, K. and Young, M. (1990). *Stoma Management of Loop Ileostomy*. *Ostomy and Wound Management*; King of Prussia, PA.

Thimsen, K, Young, M. and Swatske, M. (1990) *Stoma Placement and Pre-operative Considerations*. In *Annals of Colo-rectal Surgery*. Ed: Kodner, I. in Kurt Valheimer MD, (Special Edition).

Practice Corner Featuring: Wound Care Practice and Forensic Nursing: (2003), *Ostomy and Wound Management*, King of Prussia, PA. Fall. (This article featured my clinical practice)

Thimsen, K. (1988). Pressure Sores- Prevention and Management. Caliper, Quebec, Canada.

Thimsen, K. (1983). Fungating Breast Cancer Lesion: A Case Report. Journal of Enterostomal Therapy, spring.

Thimsen, K. (1983) *Stoma Care While in Radiology. Journal of Enterostomal Therapy.*Winter.

Transcutaneous Oxygen Administration as A Venous Stasis Wound Healing Technology: Interim analysis and report of 200 subjects. Ogenix Corp. Lakeview, OH (2006)

Is Gauze Making Your Patient Sick: Tyco Corporation, Inc. Mansfield, MA. (2005)

Moist Wound Healing and Glycerin Based Hydrogel Dressing Technology: Southwest Technologies, Inc. Kansas City, MO. (2005)

Glycerin: Creating the Perfect Environment for Healing. Southwest Technologies, Inc. Kansas City, MO. (2005).

Venous Stasis of the Lower Extremity: Interim report on use of electrical stimulation as a wound healing modality: Thirty subject feasibility report. Wound Solutions; UK Grant from the UK government-2004

In Infection Control Specialist's Guide to Microorganisms and Current Topical Wound Management Strategies: Tyco Corporation, Inc. Manchester, MA. (2004)

Bioburden and Wound Care Management: A hospital to long term care study of healing outcomes and reduction of microorganisms. Tyco Corporation, Inc. Manchester, MA. (2004)

Intermittent Self-Catheterization: A Clean Procedure. Adopted as a community standard of care in acute care settings, long term care and home health agencies in Belleville, IL (1982)

Stoma Care: Instructions for Discharge; Belleville Memorial Hospital, Belleville, IL. (1980)

Position Papers

Academy of Forensic Nursing & Doctors Against Forced Organ Harvesting Position Paper on Human Rights Violation of Forced Organ Harvesting (2022). This will be presented to Global Summit of Nursing at the United Nations in October 2022.

Forensic Nursing Certification Board – Consensus Document on Forensic Nursing Competencies: Results of a Delphi Study (2021)

Academy of Forensic Nursing Position Paper on Sexual Assault Evidence Collection and Tracking (2020)

Academy of Forensic Nursing – Position Paper on Evidence Based Education for Forensic Nursing (2020)

Academy of Forensic Nursing – Position Paper on Self-collected Evidence Post Sexual Assault (2020)

Evidence Collection from an Unconscious Patient, International Association of Forensic Nurses Ethics Statement

Wound Infection Prophylaxis: Strategies and Options for Clinical Management

Self-administration of Medication Among the Visually Impaired: Interventions for improving safety and maintaining independence.

Clinical Trial Result: Skin Adaptation and Wear Patterns and Trends in Extended Wear Barriers: A comparison of United States, Canadian and Danish subjects. Coloplast Corp. Copenhagen, Denmark.

Books

Carney, A. (2019) Forensic Nursing: Evidence-Based Principles and Practice. Interpersonal Violence and Elder Abuse (chapter) F.A. Davis Company.

Motta, G and Whitaker, K (1993). Understanding the Reimbursement Maze: Medicare and Medicaid Benefit Programs. Pathways to Empowerment, LLC.

Motta, G and Whitaker, K (1993) Building an Independent Practice as a Consultant: A Step-by Step Guide. Pathways to Empowerment, LLC.

Motta, G and Whitaker, K (1993). Billing, Coding and Collecting: A Guide for Clinical Nurse Consultants. Pathways to Empowerment, LLC.

Motta, G and Whitaker, K (1993). The Business of Clinical Consulting. Pathways to Empowerment, LLC.

Motta, G and Whitaker, K (1993). Defensive Wound Management: Documentation and Protocols. Pathways to Empowerment, LLC.

Motta, G and Whitaker, K (1993). Specialty Billing Guide: Ostomy Care. Pathways to Empowerment, LLC.

Motta, G and Whitaker, K (1993). Specialty Billing Guide: Continence. Pathways to Empowerment, LLC.

Motta, G and Whitaker, K (1993). Reimbursement: A Sourcebook for Healthcare Providers. Pathways to Empowerment, LLC.

Research Studies

Addressing social determinants of health to improve access to care and health behaviors: Interprofessional education and practice model (2020-2023).

Southern Nevada Health District FQHC collaboration initiative with UNLV Health, Nursing, Health Sciences and Social Work. CDC funding \$1,900,000.

Impact: Social Determinants of Health and Clinical Outcomes

Competencies for the Forensic Nurse Generalist and Advanced Practice Forensic Nurse: DELPHI study (2020- 2021).

The Forensic Nursing Certification Board (FNCB) conducted a multi-phased Delphi study to identify the alignment with ANCC Core competencies purposed in developing Forensic nurse generalist and Advanced Practice levels of education, training and ultimately, certification. This was accomplished by an invitation of over 100 academics and practicing advanced practice forensic nurses across the United States. Sessions were conducted in an on-line format with facilitators and recordings of proceedings of individual core competency working groups. Data was analyzed in INVIVO©.

Impact: Creates evidence-based framework for developing and disseminating competencies for forensic nursing practice for generalist and advanced practice forensic nurses. In addition, creates the curriculum and outcomes for achieving certification in the specialty. **Unfunded Study.**

Caregiver Training of Urban Setting Residents in Medically Under Served Area: Self Confidence, inner strength measures, and post course follow up. (2017-2020)

This study was carried out in a metropolitan area with of an underserved, urban setting over a period of three years. A seven-week course aimed at reducing injury, harm, neglect and abuse of elderly, home bound individuals that included skills training with lab and skills validation improved self-confidence, and inner strength in participants as evidence by related scoring on administered instruments and in post-course follow up surveys.

Funding: \$10,000

Tissue viability and toxicology of evidence collection devices and solutions on exposed mucous membrane. (2018)

This study was conducted to analyze the tissue response (viability) and toxicity effects of various collection devices and solutions used in evidence collection in assault cases. The literature reflects limited research on tissue response to exposure of these foreign objects that may further injure or predispose a patient to delayed healing due to unintentional trauma during an examination.

Funding: Pilot study grant \$10,000

Menstrual Education and Sexuality Training for adolescent and teen girls (ages 9-18) in Andean village schools N= 135 girls.

Aim is to introduce the topic of female anatomy and physiology related to menstruation and family planning as Phase 1 using Days 2 Girls model of education, training and reusable hygiene product introduction (2018). Phase II will continue with Days 2Girls to identify sexual practices, family planning,

Funding: Peruvian Ministry of Health grant to be applied for in 2019- study is longitudinal)

Nutritional Status in Village Communities in the Andes Peru, (SA)

This study was done in collaboration with NGO-KIAB and the Maras District (Maras, Peru) Hospital. The design was by screening and triage with physical examinations of 507 village constituents. The purpose is to identify nutritional and hydration status prior to the intervention of "one egg/day" being implemented in April of 2018. The method of follow up is by quarterly interviews accomplished by Peruvian team. One year follow up on metrics and repeat of food diary will be conducted to identify impact of nutritional intervention.

Funding: \$4500

Injury Prevention Program Needs Assessment in Andes Villages of the Maras District, (Maras, Peru, SA)

This study was implemented as a request from the Maras Hospital Medical Director and the Village leaders (five villages). The aim is to develop an injury prevention program that will address childhood injuries that were observed and rated to be moderately disabling during individual screenings done in April of 2018 for 507 residents of the Andes. Pilot testing was accomplished by video documentation of workflow and body movement studies. Analysis conducted by interprofessional team of nursing, physical and occupational therapy specialists.

The proposed research will be to identify cause and prevention strategies and teaching methods to train the trainer (health care providers at Maras Hospital) and the village children and adults working in the fields and in salt pools.

Funding: \$3500

Menstrual Education and Sexuality Training for adolescent and teen girls (ages 9-18) in Andean village schools. N= 78 girls.

Aim is to introduce the topic of female anatomy and physiology related to menstruation and family planning as Phase 1 using Days 2 Girls model of education, training, and reusable hygiene product introduction (2018). Phase II will continue with Days 2Girls and incorporate the HOPE (HPV Home test kit- Patricia Garcia MD- Lima, Peru) to identify sexual practices, family planning, HPV detection and follow up to diagnose early-stage cervical cancer.

Funding: \$2500

Community Perspectives on Clinical and Health Education Needs: Guidance for the development of a nurse led clinic in an urban setting.

This study was undertaken as a critical step in creating a viable business plan and model to develop a nurse led clinic focused on serving diverse and under-served populations.

Funding: No funding supported this study.

Using Simulation to Enhance Clinical Identification of Victims of Human Trafficking: Three years of training outcomes.

This study was a retrospective analysis of quasi-experimental of pre/post test scores obtained after interprofessional participants attended a training conference that culminated with simulations and debriefings on the issue of human trafficking.

Funding: No funding was associated with this research.

International Association of Forensic Nurses- Research

Forensic Nursing Clinical and Professional Practice Gaps: a review of the association list-serve of practice inquiries. (2016)

Elder Abuse: an educational intervention to improve elder abuse identification in the clinical setting. (2016). Regis University, Loretto Heights College of Nursing: Capstone project to fulfil requirements of a Doctorate in Nursing Practice degree.

Funding: Missouri Baptist Hospital Foundation-\$7000

Educational grant- VIVEN Healthcare- \$55,000

Summary of Research Experience Best Practice in Community Health and Engagement Programs in an Urban Setting- **2011** Association for Prevention Teaching and Research (APTR), Washington DC. aptrweb www.aptrweb.org

Purpose: Describe a best practice for public and community health, undergraduate nursing curriculum using community based participatory research and project management

Significance to Practice

The significance of the experiential (Immersion) and teaching strategies described the process, development, implementation, and outcomes achieved in improving the application of the public health core functions and essential services. Using the Public Health Nursing Interventions (Minnesota Model) guided students in community engagement, social inclusion, and health promotion and health disparities of an urban population living in a food desert.

Serendipitous outcomes included a reduction in crime associated with gardening interventions; improved access to fresh fruits and vegetables with a local "city farmers market"; job opportunities in the garden; park fitness trail revitalization; increased resident involvement in fitness and healthy eating education and activities.

Role: Project leader, and author of Best Practice Model.

Funding: SIUE- \$1000 grant from SIUE Foundation

YMCA: Pioneering Healthy Communities- \$7500

Helmkamp Construction-\$4500 St Louis Composting- \$2000

East St Louis Health District- Arthur M. Jackson Public Health Foundation- \$2500

Individualized Sensory Enhancement for the Elderly (ISEE Study)

An NIH funded RO1 Study that investigated the prevalence of delirium, dementia, and depression in 300 residents of long-term care facilities. Based on findings from visual and auditory screenings, the residents were assigned to either a control or intervention arm of the study. The intervention subjects received visual and auditory devices, lighting, placement of objects and other modalities to address the sensory losses. Memory testing and depression testing continued for 16 weeks' post intervention to measure response to intervention and changes in mental or emotional conditions.

Significance: Validated the use of minor interventions on improving the quality of life of elderly persons with visual and auditory alterations. Serendipitous finding was identified because of a disaster in the facilities involved in the study. The impact of the elderly being displaced for oneweek due to evacuations resulted in deaths and PTSD in the population.

Role: Research Assistant/Coordinator Funding: Study was NIH funded as \$3 million/ 3 -year study.

Efficacy and Cost Analysis of Wound Debridement with Simpli-Pulse -1997

Purpose: Identify time to wound closure with healing rates and related costs when using the SimpliPulse® Debridement System in chronic, non-healing wounds. Randomized, controlled study with 20 subjects.

Significance: The study was first to demonstrate a decreased time to wound closure in previously chronic (>60-day duration wounds). It was the first study to compare the technology driven debridement efficacy against the standard of wet to dry, mechanical debridement.

Secondary aim: The study also provided financial analysis of the two debridement strategies. The data was later used as evidence of efficacy in the Medicare Technology Assessment required by Centers for Medicare and Medicaid Services. The study was foundation work that set the standard for technology assessments of wound care products for debridement that were evaluated for reimbursement and coverage approval by CMS and third-party payers.

The Simpli-pulse also became the standard for wound clinic debridement and wound cleaning. Physical therapists and Wound Management specialists are also approved for reimbursement of services related to the use of this technology based on the results of the study.

Role: Study Coordinator for research sites in Connecticut, New Jersey, and Ohio.

Funding: \$12,000

Clinical Use of a Collagen Wound Care Treatment

Case series report of six patients with chronic, painful, exudating wounds. Collagen was a newly US marketed wound product indicated for painful, non-healing, exudating wounds. The Collagen dressing was used as a last measure for each of the six patients. The results observed showed a reduction in pain as measured by analog scale. Exudate output was decreased as evidenced by a reduction in the number of dressing changes required daily. Wound closure occurred in all but one case.

Purpose: The study was designed to identify the effects of using collagen on chronic wound healing, exudate management and pain.

Significance This case series served as the introduction of the use of collagen in the management of chronic wounds and the management of exudate. This study was replicated to further study the use of collagen in wound related pain management.

Role: Study PI Funding: \$8000

Managing High Output Effluent

Purpose: This study was undertaken to identify the usefulness of Sandostatin® on gastrointestinal fistula output in twenty patients with inflammatory bowel disease. Management of intestinal fistula output in patients with Crohn's Disease or Ulcerative Colitis who experienced fecal and enzyme output of greater than 800cc/day were randomly assigned to either a control or treatment group. The treatment group received Sandostatin SQ every eight hours over a period of three weeks. Output volume, electrolytes and enzyme levels were monitored in the effluents every 24 hours.

Significance: The use of Sandostatin was demonstrated to be an effective treatment in the management of fistula output, containment appliance adherence and in stabilizing electrolyte and enzyme loss.

Role: Research nurse coordinator

Funding: The study was funded by the Department of Colo-Rectal Surgery at Jewish Hospital, St Louis, MO.

Stoma Management of Loop Ileostomy

Ileostomy loop stoma creation historically was constructed by exposing a segment of ileum and suspending the loop of bowel on a large- 4- inch glass rod. The use of the four- inch glass rod prohibited an appropriate and lasting seal of the appliance collecting fecal output. Patient satisfaction and comfort were not achieved related to leakage of gas and stool and severe skin destruction from digestive content in the effluent. The use of a small one- inch rod was studied in a 50- patient trial for stability of the loop of bowel, pouch adherence and patient comfort.

Significance: Validated the surgical use of the one- inch rod for use in the creation of loop ileostomies. Established patient satisfaction and improved quality of life related to pouch wear time and decreased skin destruction.

Role: Co-PI Funding: Jewish Hospital Colo-Rectal Surgery Department funded.

Stoma Care While in Radiology

A patient experienced an adverse event in the radiology department of a metropolitan hospital during a routine examination. The patient was status post-operative from abdominal perineal resection with end colostomy. The routine procedure being performed was a barium enema. The patient's experience in the radiology department proved to be a misadventure in care with resulting embarrassment, pain, and excessive cost for the hospital.

A root-cause analysis was conducted with the identification of several factors that were addressed by the development of a protocol, procured and required training of all radiology staff and attendings. The outcome of the study of 25 prospective patient experiences, created the opportunity for practice change, standardization of procedure, improved imaging and increased patient, staff and attending satisfaction. The standardization was additionally

analyzed for cost benefit that showed a savings of \$33 per patient undergoing barium enema studies with a stoma.

Significance: Practice change, patient, staff, and physician improved satisfaction with cost effective evidence

Role: PI Funding: Hospital risk management department funded.

Transcutaneous oxygen administration as a venous stasis wound healing technology. The use of topical oxygen therapy on venous stasis ulcers has been a long-debated issue. This study was undertaken in four wound centers across the United States. The topical oxygen therapy unit, Epiflow, was studied in a blinded-controlled, randomized trial with four sites enrolling 50 patients each into the study. The study evaluated rate of wound healing, time to closure and recurrence rates over a six-month, closure time frame.

Significance: A topical chamber for oxygen delivery to a venous stasis ulcer was used in chronic, non-healing ulcer patients. No significance in time to healing or closure was identified. Recurrence rates were not significant in the study sample.

Role: Study author and coordinator Funding: \$35,000

Moist Wound Healing and Glycerin Based Hydrogel Dressing Technology

The use of glycerin based wound dressings became a topic of interest for the wound healing community related to the variance in formulation and composition of glycerin and water as it influences wound closure. This was a 50- patient study, prospective, open-label trial.

Significance: Validated use of a formulation with high concentration of glycerin to water ratio on decreasing time to closure in chronic wounds.

Role: PI Funding: \$8000

Venous Stasis of the Lower Extremity: Interim report on use of electrical stimulation as a wound healing modality:

Thirty subject feasibility study on the use of electrical stimulation on wound closure of venous ulcers of greater than 16- week duration. Open-label, prospective trial done at the invitation of the United Kingdom Bureau of Device Investigation and UK Enterprise Division- Medical Devices

Significance: The outcome of the study identified three areas for additional research that were conducted later. The outcomes of the study showed promise around reducing wound biofilms and bioburden, a reduction in pain and improved tissue viability.

Role: Study Coordinator **Funding:** \$50,000 (United Kingdom- government funded)

Self-administration of medication Among the Visually Impaired A ten- patient study of a talking medication dispensing system.

The study was a feasibility study conducted for Walgreens Corporation. Using a talking dashboard, medication bottles with message embedded technology identified medication, name, dose, time of day to be dispensed and how many pills were left in the bottle after dispensing dose.

Significance: Small sample size with limited results that led sponsor to request inventor to improve safety and performance of the system.

Role: Study Coordinator Funding: \$6000

Skin Adaptation and Wear Patterns and Trends in Extended Wear Barriers: A comparison of United States, Canadian and Danish subjects.

A 50 patient, prospective, four- month study to examine the wear time of an extended wear skin barrier

Significance: A new skin barrier was under study to identify if wear time of the ostomy product component would increase the time that a faceplate (with the skin barrier) would extend the number of days of wear. Variables included in the study were associated with skin condition, patient comfort and confidence in pouching system.

Role: PI for the North American sites Funding: \$80,000

Three Year Retrospective Analysis of Heel Ulcer Outcomes

Seventy- eight patients with chronic heel ulcers (>4 months unhealed) were trialed using a standardized protocol involving a prescription ointment to examine the potential improvement in wound debridement, closure, and healing.

Significance: Validated protocol for wound debridement and reduced bioburden in chronic heel ulcers in a long-term care facility.

Role: PI Funding: \$25,000

Use of Convexity as a Standard Post-operative Protocol for Loop Ileostomy

Study conducted on 100 patients with loop ileostomy for ulcerative colitis. Patients were randomly selected and assigned to treatment (convex pouch interface) or standard, flat faceplate for a three- month period, post ileostomy stoma creation.

Significance: Using convexity as the immediate post-operative intervention for 100 patients with loop ileostomy improved pouch wear time and decreased the incidence of peri-stomal skin breakdown related to retracted distal segment of the stoma.

Role: Co-PI **Funding:** Funded by Jewish Hospital Department of Colo-Rectal Surgery.

OASIS Skin Integrity Instrument Validation

The OASIS instrument is the documentation program developed for the Centers for Medicare and Medicaid in 1997. The wound documentation section of the program was launched and tested during the Home Health Interim Payment System Pilot in 1996-2001. The wound component was not consistent with the standards of the wound and skin care industry. A team of four clinicians developed a tool that was used to "interpret the program and create compliance with the standard of care for skin and wound assessments. A two- year process of tool validation and reliability testing was carried out across the United States. Nurse specialist review and testing involved 250 Wound, Ostomy, and Continence Nurses. 150 registered nurses and 100 LPNs also participated in the general validity and reliability testing. Results were reported to CMS. In 2003, CMS accepted and approved the proposed changes to OASIS as recommended by the panel.

Significance: Changed practice and policy related to required skin and wound documentation in the home health industry.

Role: Co-PI (one of four) Funding: \$50,000 education and research grant from KCI and Coloplast Corporation.

I-STAR* (Individualized Support Tracking Assessment Record).

Developed and tested (validity and reliability) a comprehensive, computer-based documentation system built with predictive analysis platform.

Significance: First EHR related to wound management patient data. Treatment tracking, and outcome analysis (clinical, quality, and financial).

Validated content with panel of experts (wound management specialists (12) and nurse generalists (20. Database recorded and reported on 7000 patients in a 9- year time frame.

Role: Developer of EHR-Wound Care (ISTAR) and PI for validation and reliability testing.

Funding: Self-funded development and testing.

PRESENTATIONS

- Skin and Wound Clinical Assessment Parameters: A Forensic Nursing Primer.
 Academy of Forensic Nursing Core Curriculum. May, 2022.
- Forced Organ Harvesting A Global Crime: What nurses need to know. Drexel University, Philadelphia, PA. & McMaster University, Hamilton, Ontario, Canada. May 25, 2022. (Via Zoom)
- Human Trafficking: Rules of the road for nursing response. Invited speaker.
 Cancelled due to Covid 19. ATI, Inc. San Antonio, TX. October21-24, 2021

- Transplant Medicine at a Crossroad: An ethics-based profession usurped and repurposed for genocide. (2021) World Summit on Combatting and Preventing Forced Organ Harvesting: CAP Freedom of Conscience, DAFOH, KAEOTT, TAICOT and TTRA. Presented at the United Nations, September 17, 2021.
- Elder Abuse: Looking beneath the surface. Eastern Tennessee State University,
 HRSA Funded Training Program. Via Zoom. October 2020
- Clinical Indicators of Elder Abuse: Themes from a 612 patient case series. June 2020. Academy of Forensic Nursing Webinar.
- Interprofessional Violence and Elder Abuse: Maltreatment that crosses all borders.
 Clinical Indicators of Elder Abuse session to the American Academy of Forensic
 Science, 72nd Annual Scientific meeting. Anaheim, CA. (February 2020)
- Analysis of 612 Cases to Identify Clinical Indicators of Elder Abuse. Alaska Nurses
 Association Conference on Caring for Victims of Violence. University of Alaska,
 Anchorage, AK. January 2020.
- Clinical Indicators and Response to Human Trafficking. Alaska Nurses Association Conference on Caring for Victims of Violence. University of Alaska, Anchorage, AK. January 2020.
- Elder Abuse: Looking Beneath the Surface. AFN/Mercy Health Care System Conference, Baltimore, MD. (October 1, 2019)
- Alcohol and Drug Facilitated Sexual Assault. St. Louis SART Training Conference, ST Louis, MO (September 2019)
- Elder Abuse: Looking Beneath the surface. AFN/ENA Conference. Indianapolis, IN (July 2019)
- Alcohol and Drug Facilitated Sexual Assault. St. Louis SART Training Conference. St. Louis, MO (June 2019).
- Human Trafficking: Identification, Response and Safe Discharge. Wyoming Joint Symposium on Children and Youth. Cheyenne, Wyoming (June 2019)
- Human Trafficking and Public Health. Jefferson County Health Department,
 Missouri. (June 2019)
- Human Trafficking 101 for School Nurses: Identification and Response. Missouri School Nursing Spring Conference, St. Louis, MO.
- Comprehensive Wound Management: Current concepts and best practices.
 Goldfarb School of Nursing, St. Louis, MO. (Jan 2019, May 2019)
- Human Trafficking Victim Identification and Response in the Operating Room.
 Barnes Jewish Hospital, St Louis, Mo. (Jan 2019)
- Catholic Charities Archdiocese of St Louis. Recognizing and Responding to Human Trafficking conference. Identification, Response and Referral to Enhance Survivor Resilience. October 2018. (Podium)

- Academy of Forensic Nursing Conference, Las Vegas, NV, October 2018. Poster- GIS Mapping of Risk Factors for Sex Trafficking in the ST. Louis Metropolitan Statistical Area.
- Goldfarb School of Nursing. September 2018. OVC 2018 Grant to Advancing Hospital Based Victim Services: Clinical Forensic Training Program Model. St. Louis, MO
- Missouri School Nurses Association Conference. Missouri Baptist Hospital, ST. Louis, MO September 2018. Identification and Response for the School Nurse: Trends and best practice in children who are victims of trafficking and exploitation. (Podium)
- Trends in Trauma: Human Trafficking Identification, Care, Response and Referral.
 BJC Trauma and Washington University School of Medicine Emergency Medicine,
 May 2018. Ritz Carlton, Clayton, MO. (Podium)
- Washington University Institute of Public Health- Human Trafficking Conference-April 2018- Community Connectedness: Increasing awareness and best practice response to victims. St. Louis, MO (Podium)
- Human Trafficking: Identification and Safe Response. April 2018. Missouri Hospitality & Hotel Expo, St Charles, MO. (Podium)
- International Association of Forensic Nurses, Toronto, Canada: GIS Mapping of Sex
 Trafficking Risk Factors in the ST Louis Metropolitan Statistical Region-poster
- Barnes Jewish Multidiscipline Research Consortium, St. Louis, MO.: Using Simulation in the Education and Training of Health Care Professionals in Clinical Identification of Human Trafficking- oral presentation.
- 2017 Goldfarb School of Nursing Advanced Practice Seminar: Elder Abuse: Clinical indicators and the nurses as mandated reporter
- 2017 Human Trafficking Collaborative Network Labor Trafficking Conference, St. Louis, MO. Community Connectedness Strategies for Identification and Response to Labor Trafficking Victims-oral presentation.
- 2017 St Charles Coalition Against Trafficking- State of St Louis Metropolitan Region's Response to Trafficking: Human Trafficking Collaborative Network.
- 2016 Second Annual Traffic School for Healthcare Professionals. Goldfarb School of Nursing-Topic Policies, Procedures and Protocols for Healthcare Systems as Guidance for Care of Victims of Human Trafficking; and Lead Program Planner
- 2016 CHIPS, ST Louis, MO- Happy Feet: Diabetic Foot Care and Limb Preservation
- 2016 Goldfarb School of Nursing Advanced Practice Nursing Seminar- Elder Abuse:
 Differential diagnosis
- Traffic School for Healthcare Professionals. Goldfarb School of Nursing. Guidance on the Development of Health System Policies, Procedures and Practices in Caring for Victims of Human Trafficking; and Lead Nurse Planner

- 2015 CHIPS, ST. Louis, MO- Community Based Clinic Diabetic Advocacy Group-Preventing Amputations in Persons with Diabetes
- 2015 International Association of Forensic Nurses Conference- Elder Abuse: Differential Diagnosis in a virtual simulation for Forensic Nurses.
- 2015 Goldfarb School of Nursing Advanced Practice Nursing Seminar- Elder Abuse:
 Differential diagnosis
- 2014 International Association of Forensic Nurses Scientific Assembly, Phoenix, AZ.
 Elder Abuse: Speed bumps, roadblocks, and drivers
- 2012 National Nursing Center Consortium National Conference, Philadelphia, PA. Caregiver Education Program: Empowering women in the urban setting
- 2012 National Nursing Center Consortium National Conference. Philadelphia, PA. Lead, Environment and Asthma Program (LEAP): A community-based program
- 2011 Philippine Nurses Association, Chicago, IL. Wound Management Practice:
 Evidence Based Guidelines
- 2010 Philippine Nurses Association, Chicago, IL Home Health Care Nursing: regulations, rules and practice opportunities
- 2010 University of Arkansas Sigma Theta Tau Keynote speaker: The Future of Community Nursing Centers: clinical practice and research
- 2010 Quad-City Agency on Aging Conference: Keynote presentation: Ageism in Healthcare.
- 2010 Quad-City Agency on Aging: Presenter: Delirium in the Elderly: differential diagnosis.
- 2009 Philippine Nursing Society, Chicago, IL Comprehensive Wound Management Workshop.
- 2009 Philippine Nursing Society, Chicago, IL Legal and Regulatory Issues Impacting Nursing Practice
- 2008 Mid-American Regional Public Health Fellow of the Leadership Institute:
 University of Illinois, Chicago School of Public Health. Fellow. o Presentation on
 Disaster Planning and Community Connectedness. o Technical
- Assistance Project presentation on Get Up and Go™ Corporate Tool Kit
- Individual Project on: Caregiver Education Curriculum
- 2008 International Association of Forensic Nurses: National Conference, Dallas, TX:
- (The presentations were accepted. I was unable to present due to a family emergency) The Forensic Nurse as an Expert Witness
- Forensic Nursing: Vision of Ethics
- 2008 Keynote speaker to the Annual Illinois Mental Health and Aging Conference, Chicago, IL. o "Ageism and the Impact on Senior/Geriatric Access to Healthcare"
- 2006 Presentation to the 17th Annual Symposium on Geriatric Medicine, St. Louis University School of Medicine. Paper based upon research for position paper. "Is Gauze Making Your Patient Sick?"

- 2003 New Jersey Peer Review Organization for Home Health Care Agencies: Best Practice in Surgical Wound Assessment and Management. (Teleconference)
- Thimsen, K. and Kogut, M. (2005). Clinical and Legal Strategies for Preventing and Defending False Claims in Long Term Care Facilities. Presented to American College of Health Care Administrators.
- Thimsen, K. and Motta, G., (2005). Clinical Efficacy of Silver Impregnated
- Hydrocolloid/Alginate Wound Dressings on Microorganisms. Presented to: Advanced Wound Care Symposium and Wound, Ostomy and Continence Nursing Society Congress.
- 2005 Panel Member for Solutions to the White House Conference on Aging.
- Recommendation for "Caregiver Education & Training "being mandatory a requirement for "Personal Care and Companion "businesses and for state subsidized caregiver compensation.
- Wound Care: It is about more than Band-Aids. (2005). Co-authored/presented to Visiting Nurses Association of America (VNAA) Conference. San Francisco, CA.
- Thimsen, K. and Kogut, M. (2002). Clinical and Legal Practices in Medical Management of Wound Care Patients: Strategies for Preventing Malpractice Claims Presented to: Massachusetts Medical Society, Springfield, MA
- Thimsen, K. and DeMoor, M (1998). Three Year Retrospective Analysis of Heel Ulcer Outcomes. Presented at conferences: Advanced Wound Care
- Symposium, Wound, Ostomy, Continence Nursing Society and Clinical Symposium on Wound Care.
- Thimsen, K. and Motta, G. (1997) Efficacy and Cost Analysis of Wound Debridement with Simpli-Pulse: Presented as poster at the following symposiums; Wound, Ostomy and Continence Nursing Conference, Clinical Symposium on Wound Management.
- Thimsen, K. (1996) Skin: An owner's manual. Presented to the United Ostomy Association. Keynote speaker for the Norma Gill Award.
- Thimsen, K (1994). I-STAR, a computerized assessment, tracking and outcome program for wound management. Presented: Advanced Wound Care Symposium, San Diego, CA.
 Thimsen, K. (1992). Novel Wound Care Yields Positive Results: Collagen Wound Care Treatment Experiences. Presented as poster at the following conferences: Advanced Symposium on Wound Care, Wound, Ostomy and Continence Conference, Clinical Symposium on Wound Care.
- Thimsen, K. (1990). Use of convexity as a standard post-operative protocol for loop ileostomy. Results from 100 subject trial. Presented to World Council of Enterostomal Therapy. Toronto, Canada.

Course Teaching Responsibilities

Graduate Program

Evidence Based Research in Population Health and its Integration into Advanced Practice

Developed course and primary course lead

Leadership in Organizations

Undergraduate Program

Primary: Population Health (Public and Community Health) didactic and clinical coordination

Psych-Mental Health- didactic and clinical

Synthesis/Precepting- Mentoring of graduating seniors in precepted practicum

Evidence Based Practice Research

Professionalism/Leadership

Foundations/Fundamentals

Capstone

Skills lab and clinical competencies

University of Nevada Las Vegas Committee Service

School of Nursing-Bylaws (2021-present)

Graduate Curriculum (2021- present)

Continuing Education Advisory (2020-present) Co- Director of UNLV Community Clinic (2021-present)

Graduate College Scholarship and Awards (2021)

Graduate Appeals and Legal Issues (2021-present)

Editorial Boards & Reviewer

Journal of the Academy of Forensic Nursing (2022-Present) Associate Editor and Charter

Editorial Advisory Group

Holistic Nursing Journal (2021-present) Reviewer

American Journal of Nursing (2014-2016) Editorial Advisory Board

Stephens Publications: Long Term Care Periodicals

Kestrel Communications: Charter Editorial Reviewer (2000-2012) Kestrel Communications: Editor Clinical Advisor Column (2009-2013)

HONORS AND AWARDS

- Wound Source; Author of FDA & Ingredient Blogs (2011-2012)
 - 2018- Dean's Award for Service- Goldfarb School of Nursing- Faculty nominated and Dean Awarded
 - 2017 First Place Honors for GIS Mapping of Sex Trafficking Risk Factors- Policy Implications. International Association of Forensic Nurses
 - Excellence in Nursing Award (2016) St. Louis Magazine- Community Health Nursing
 - Alpha Sigma Nu-Jesuit Honor Society, 2015-present
 - Nominated and semi-finalist for March of Dimes Public & Community Health,
 Missouri Nurse of the Year 2014
 - Chancellor appointment to Chair of Head Start Governess Board 2012
 - Phenomenal Woman Award, Racial Harmony of the St. Louis Metropolitan Area
 2011
 - Dean's Award for Promoting Diversity; Southern Illinois University Edwardsville:
 School of Nursing 2010
 - Outstanding New Faculty Member; Southern Illinois University Edwardsville: School of Nursing, 2008
 - Panel Member; White House Conference on Aging 2005
 - Belleville Area College Generations of Success Award, 1996
 - Nevada Nurse of the Year, Governor's Award. Las Vegas, NV 1996
 - Norma Gill Distinguished Lecturer, Cleveland Clinic, United Ostomy Association
 1996
 - Advanced Wound Care Symposium Scientific First Place Award for I-STAR*™ (a wound management outcome software) Authored and developed 1993
 - Panel member for Congressional Hearing on Fraud and Abuse in Medicare Hearing conducted by Honorable Congressman Jerry Costello, IL 1989
 - Nurse in Washington Internship (NIWI) represented Southern Illinois Nurses on Capitol Hill; 1988.
 - Special Project presented to Honorable Senator Paul Simon (IL) on Medicare Part B benefits 1988
 - St Louis Hospital Association Humanitarian Award, St. Louis, MO 1984
 - Employee of the Year, Memorial Hospital, Belleville, IL 1985

Webinars and Videos

- Human Trafficking: Clinical indicators and response. (2020) Alaska Nurses
 Association Response to Victims of Violence.
- Elder Abuse: Improving clinical identification and response to Elder Abuse. (2018) A
 course module in the Forensic Nursing Curriculum series. Sigma Nursing,
 Indianapolis, IN.
- Sexual Assault of the Elderly (2016). A course in the curriculum of Forensic Nursing Practice webinar series. Sigma Theta Tau International, Indianapolis, IN.
- Moist Wound Healing: Cost/Benefit Analysis in Home Care Agencies under PPS. (Southwest Technologies).
- Wound Care: Assessment to Treatment (Southwest Technologies, Kansas City, MO)
- Wound Care: A Clinician's Right to Know: Product Ingredients (Renaissance Pharmaceutical, Dana Point, CA)
- Wound Care: The Wound Healing Process (Coloplast Corp., Marietta, GA)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS (POSITION HELD: MEMBER, CHAIR ETC)

American Nurses Association- 2017-present Missouri Nurses Association- 2017-2021 Nevada Nurses Association (2020-present)

American Academy of Forensic Science- 2018-present

Academy of Forensic Nursing – co-founder and charter member 2017
Distinguished Fellow- 2018
Board member 2017-2019
2021-present
Treasurer 2021-present
Chair of Research Committee- 2022- Present

National League of Nursing- 2013 to 2021

Emergency Nurses Association -2017-2020

Forensic Nursing Certification Board- co-founding and charter member 2017 Treasurer 2019-2021

International Association of Forensic Nurses: Member 2005-2018

- Director- IAFN Foundation Board 2016-2018
- Ethics Committee 2007-2012
- Member of Research Committee 2015- 2018
- Assembly volunteer-silent auction-2015

Association for the Advancement of Wound Care member

Wound, Ostomy and Continence Nursing Society: Member for 32 years

- Past Regional President, Vice President, Secretary, House of Delegates 8 years
- Past member of Scholarship Committee 11 years
- World Global Health Organization: 2006 -2020
- American Public Health Association: Member since 2013

APPOINTMENTS IN PROFESSIONAL/COMMUNITY ORGANIZATIONS

Community Health Improvement Initiative: Ambo Region A 501 c3 organization with the mission to improve lives and healthcare access to the people of the Ambo region in Ethiopia. **Board Member 2022-present**

Nurses2Peru- A 501c3 organization with mission to improve the lives and healthcare of people living in the Andes in the Maras District of Peru. **Founder and President-** founded in 2018

Washington University Institute of Public Health: Human Trafficking Collaborative Network- 2016 Founding and Charter member Lead track facilitator:

Health Systems Training & Education 2016- 2019 Track Facilitator: Labor Trafficking 2016- 2019

Consortium of Universities for Global Health- 2017-2020

Midwest Consortium of Universities for Global Health Conference, Co-Chair, 2018

Strangulation Institute – Medical Advisory Subcommittee member (2020)

Disability Without Abuse- Advisory Board member 2020

Coalition Against Trafficking & Exploitation

Health Care Section – 2019

Rescue and Restore, St. Louis, MO 2014- 2018 – Member of Healthcare Professional Education Committee on Human Trafficking

Alpha Sigma Nu- Jesuit Honor Society- Inducted 2015

Regis University

Sigma Theta Tau International Member 2005 – present

Zetta Kappa@ UNLV
Tau Iota@ Goldfarb School of Nursing
Epsilon Eta @ Southern Illinois University-Edwardsville
Gamma Xi @University of Arkansas

Board Member- Sigma Foundation – 2018 -2019

- Zeta Kappa -member 2020-Present
- Tau lota- member 2013
- Global Health Special Interest Group lead- 2018 present
- Epsilon Eta Chapter 2008
- Chapter Secretary 2009-2011
- South Africa Well project task force 2010-2013
- Sigma Theta Tau International: Council for Public Health Leadership 2008-present
- Chair of Martha Welch Research Symposium 2011, SIU Edwardsville. Epsilon Eta Chapter.

Hospice of Southern Illinois (1980-1987)

- Past and Founding Chair of Ethics Committee
- Past Member of Board of Directors
- Founding and Charter Member of Board of Directors

East St. Louis Community of Care Consortium 2009-2013

Riverbend Head Start Board of Advisors, Edwardsville, IL. 2009-2011

Get Up & Go! A Community based (501(c)3, Treasurer 2008-2011

St Clair County Public Health Care Commission

- Committee member for Senior Care Services 2006-2013
- Planning committee member for Public Health Spring Conference 2008
- Member of Strategic Planning Committee for Public Health Commission 2006-2012

Southern Illinois Cancer Society

Chair of Professional Education 1981-1986

St Clair County Medical Society Alliance Board: Public Relations and Fundraising

Green Partnership, East St. Louis, IL

Founding member
 2009- 2020

Bolden Garden, East St Louis, IL

- Director of Garden enterprise and grant manager 2011-2015
- Volunteer 2011-2016

VIVEN Health (2016- present) Member of Advisory Board

REGIONAL/NATIONAL COMMITTEES (POSITION HELD: MEMBER, CHAIR ETC)

- American Academy of Wound Management 2013
- Association of Medical Examiners and Coroners- 2016- present
- Southern Illinois WOC Nurses Association: member 1980-2010
- Wound, Ostomy Continence Society Task Force on Medicare Part B Benefits for Ostomy Care (1988) Presented to Health Care Finance Administration. Policy Change was enacted in 1994.
- Wound, Ostomy Continence Society Task Force on Medicare Part B Benefits for Wound Care (1988) Presented to Health Care Finance Administration. National Medicare Policy Change was enacted in 1993 (Policy reference: 2079).

NATIONAL LEADERSHIP ACTIVITIES (POSITION HELD: MEMBER, CHAIR ETC)

- Congressional Briefing- US Capitol; Human Trafficking and Health Care: Evidence to support funding for training. 2017
- Mid- American Regional Public Health Fellow in Leadership Institute: University of Illinois (Chicago) School of Public Health. Fellow 2007-2008

ADVISORY BOARDS (POSITION HELD: MEMBER, CHAIR ETC)

- Webster University: Board of Advisors for the School of Arts & Sciences 2009-2015
- Scrivner Public Health Board of Directors 2007-2011

Goldfarb School of Nursing at Barnes Jewish College

2019-present	Faculty Lead for Community Impact- Strategic Plan
2018-2020	Nominated and Elected_Chair Elect for Faculty Organization
2019	CE Nurse Planner (BJH Volunteer) and lead for GSON
2017-present	Curriculum Committee

2017-2019 Faculty Development Task Force- Lead

2016 Faculty Affairs Committee

2016 Workload Task Force

2015-present Committee Member-TEAM

2014-2016 Chair-Strategic Planning Committee: Community Partnerships

2014-2017 Faculty Ombudsman

2013-Present Faculty Organization member

Opal's House- Emergency Shelter for Homeless Female Veterans- (VA Contracted provider)

St Clair County, IL

Nurse volunteer 2007-2016 President Board of Directors 2015-2016

Southern Illinois University- Edwardsville- School of Nursing

2011

- Undergraduate Student Affairs Committee
- Student Nurse Achievement Program Advisory Board 2010-present
- Head Start Health Advisory Committee

2010

- Undergraduate Curriculum Committee
- Haiti Relief Committee for the SIU Edwardsville
- Lecturer and Donation coordinator
- Diversity Committee member

2009

- Emergency Preparedness and Disaster Management University Committee
- Undergraduate Curriculum Committee
- Diversity Committee member

2008

- Undergraduate Curriculum Committee member
- Diversity Workgroup for School of Nursing
- Continuing Education Committee
- Sigma Theta Tau: Awards Committee for Epsilon Eta 2008

CONSULTATIONS

2018

SLING Healthcare Working Group- Home Health Compliance Program. Faculty Mentor

2018

State of Wyoming Health and Human Services- Program and Protocol Development for Identification and Response to Human Trafficking.

2007-2008

- Southern Illinois Visiting Nurses Association:
- Critical Path Development for Wound Management, CHF and COPD
- Episode management for Top HHRG's.

2001

 Co-author of OASIS Wound and Skin MO Item Interpretations. Endorsed by Centers for Medicaid and Medicare Services. The Guidelines were implemented at a national level in 2002.

2000

 Co-authored State of Nevada Medicaid Policy for Ostomy and Wound Care Benefit Coverage Policy.

Patents and Trademarks

- Academic Mapping Program (AMP©) conceptual design Patent in process 2018
- I-STAR* (Individualized Support Tracking Assessment Record). A software program specific to wound care assessments, documentation, treatment tracking, and outcome analysis (clinical, quality and financial). Copyrighted 1992, Trademarked 1994,
 - Utilization Patent 1994. o Program licensed in 1996 to two publicly traded companies.
 - Program was sold to a publicly traded company in 1997. Program was implemented in US as well as globally as a component of a disease state management program for managed care.
 - The program was also used as the basis for a 760 wound care path guide under the Wound Works® product line.
- **Glove Depot** (Trademarked 1993) and registered as Utilization Patent 1993 as device for dispensing gloves in bulk and with specially designed dispensing tip. This was designed to reduce contamination and waste of gloves used in healthcare facilities.
- Eval-U-Meter (Trademarked in 1993) and registered as Utilization Patent in 1993. This
 device combined the attributes of cotton tipped applicator with the imbedded
 measurement tool for ease in use along with improved measuring accuracy. The device
 made measuring a one-step process versus three steps. Licensed to medical device
 company.
- Wound Works (Registered in 2001) A 760 care map designed as a digital program and built with predictive analysis to provide guided treatment plans for wound care patients. Based in evidence and standards of care of the wound healing industry. (KCI acquired)