



Mission:

Focus on innovative nursing practice knowledge that influences the health and healing of families and society, and

Provide leadership and expertise in family and society health related issues at the local, state, national and international levels.

Purpose:

- Nurture an intellectual community of scholars focused on education, practice and research to improve family and societal health.
- Support the scholarship of nursing practice with emphasis on advancing family and societal health and healing.
- Create partnerships to support the health of families and society.
- Engage scholars to intentionally focus on families and community.
- Develop, test, and disseminate nursing education pedagogies and nursing practice models that advance nursing practice with families and society.
- Develop models that translate knowledge to change practice and improve family and societal health and healing.

Director Introduction



The 2017 Glen Taylor Nursing Institute for Family and Society annual report provides a record of selected scholarly initiatives guided by faculty, students, and partners. Research, education, and practice projects that align with the mission of The Glen Taylor Nursing Institute for Family and Society continue to be developed and sustained. Partnerships developed by the Taylor Institute are advancing family nursing practice and supporting the health of families and communities. This report addresses innovations with new and continuing collaborators of the Institute and the School of Nursing at Minnesota State University, Mankato.

Maverick Family Nursing SIMULATION CENTER

 MINNESOTA STATE UNIVERSITY MANKATO

The Glen Taylor Nursing Institute for Family and Society goals are being supported by development of the Maverick Family Nursing Simulation Center at Minnesota State University Mankato. The Institute has capitalized on this center by creating multiple new initiatives and engaging partners in the mission focused on family and societal health. Internal and external collaborators now provide simulation opportunities that increase the visibility of the Institute and University regionally, nationally, and internationally. Clearly aligned with the mission of the Glen Taylor Nursing Institute for Family and Society the simulation center in the Clinical Sciences Building has been officially named ***The Maverick Family Nursing Simulation Center***. Marketing of this exceptional center and related learning opportunities that meet the University goals are underway with the School of Nursing and University. Guided by Simulation Center Director Dr. Colleen Royle accreditation is being sought through the Society for Simulation in Healthcare. Aligned with the Institute's direction, accreditation (<http://www.ssih.org/Certification/CHSE>) has potential to impact healthcare through the following aims:

- Improve healthcare education through the identification of best practices and recognition of practice.
- Strengthen patient safety efforts through support of simulation modalities.
- Encourage the sharing of best practices through education and consultation.
- Strengthen organizational, community, and learner confidence in the quality of education and services.
- Garner local support, resources, and commitment.
- Foster a feedback loop between education and practice by participating in a continuous process of improvement.
- Provide a competitive edge in the community, program offerings, and grant funding.
- Provide a customized, intensive process grounded in the unique mission and values of the organization.

Numerous academic pursuits from the School of Nursing (SON) and other disciplines at the University utilize the Maverick Simulation Center resources. The University has established an Advisory Committee to bridge the work of the academic setting and workforce initiatives that focus on health care providers. Possibilities to advance health care and nursing practice continue to be operationalized in this innovative environment with new foci on the health care industry and related workforce.



Faculty Supports Workforce Training



The Institute has collaborated with Continuing Education and the SON at Minnesota State University Mankato to launch Workforce training initiatives as we develop models of education and practice that influence nursing care and improve family and societal health. Tiffany Gordon, RN, MSN, CPN is the new Simulation Coordinator for Workforce Training and Assistant Professor. Tiffany holds a Bachelor's of Science in Nursing from Minnesota State University, Mankato and a Master's in Nursing: Leadership in Healthcare Systems. Her experience includes general adult & pediatric medical-surgical, pediatric hematology-oncology, pediatric homecare, inpatient and pediatric rehabilitation that will inform education of our workforce collaborators.

Workforce Training Initiatives

***Family-Focused Nurse Training at Hennepin County Medical Center
orients new nursing hires***



To meet the mission of translating knowledge to change practice and improve family and societal health, the Institute has developed a long standing and dynamic relationship with Hennepin County Medical Center (HCMC). Nurse leaders in several units at HCMC have now requested the partnership develop an asynchronous online course to onboard their new nursing staff. This training will focus on newly hired nurses in the Medical Intensive Care Units (ICU), Surgical ICU and Burn Units to orient them to the theory and practice of Family-Focused Nursing. Knowledge of how to develop family-nurse relationships and gain confidence and competence in communicating with families provide the course foundation. This type of course has positively affected the wave of culture change in the nursing profession to embrace families in daily practice.

The training course will also incorporate powerful digital stories of the nurses that were captured through an academic and clinical partnership established by the Institute and School of Nursing faculty in a previous grant. The course will be delivered in a self-paced, online format that includes multiple education and evaluation processes. Institute and SON faculty members are creating this course that will be replicated in other units and health care systems.

The project also received funding through the Minnesota Job Skills Partnership Program (\$39,830 direct grant funds).

Family Nursing Care during End of Life Course



A new training methodology of developing an online course through a partnership with regional health care systems, the Mayo Clinic Health System and Monarch Healthcare Management, is being guided by the Glen Taylor Nursing Institute for Family and Society. Collaborators from the two systems, an expert from the Taylor Advisory Council, Institute Director and SON faculty are creating an innovative course that aims to enhance the knowledge and practice of licensed nursing personnel. The course aims to improve clinical care relationships particularly in end of life care scenarios. Interview data collected with focus groups from the two systems are informing course development. Professionals in hospital and long term care settings who care for dying patients describe an emotionally painful, distressing, and threatening experience. Research suggests the emotional discomfort associated with caring for the dying is exacerbated by limited knowledge about issues related to the end-of-life. Caring for families during end of life experiences using simulated learning experiences and innovative pedagogies are central elements of this course. The Institute was instrumental in creating the partnership, preparing the grant, and engaging partners.

The project also received funding through the Minnesota Job Skills Partnership Program (\$48,929 direct grant funds).

Family-Focused Nursing in Healthcare



Simulation learning experiences delivered through Minnesota State University Mankato include a Family-Focused Nursing approach. Communication and relationship building knowledge are keys to helping nurses and healthcare professionals meet patient and family needs and can potentially reduce errors, increase satisfaction, and improve quality of care. The Glen Taylor Nursing Institute for Family and Society is globally recognized for curricula and pedagogies developed for the academic nursing setting. The Institute is now bringing that expertise and knowledge to nurses in the practice setting. Forming a partnership of Ecumen Pathstone, Mayo Clinic Health Systems Southwest Region and Mankato Clinic, the overall project goal is to ensure that the Maverick Family Simulation Center is a revenue generating, self-sustaining entity while advancing nursing practice with families and communities.

The project also received funding through the Minnesota Job Skills Partnership Program (\$193,889 direct grant funds).

The following projects are trainings that were completed in 2017 under the 3 year Simulation Training Grant:

De-escalation in Emergency Department – An Interprofessional Team Approach

An Interprofessional Simulation Training for Professional Training for Workplace Violence in the Emergency Department was conducted in the Maverick Family Nursing Simulation Center in August 2017. With workplace violence in the healthcare setting continuing to escalate, a need for interprofessional training was identified by the health care system and resulted in 5 day training for approximately 100 employees. Theory and evidence based practice guided this quality improvement project to develop and implement a multiple method interprofessional training to address violent patient behaviors. Participants in the training reported satisfaction (91.2%) and increased self-confidence in learning (92.3%). Key stakeholders and the project team created a meaningful learning experience for participants. Media publicized the training with the Mankato Free Press article and the local television story highlighting the impact of the University [KEYC news story](#)

Fundamental Critical Care Support Certification

Physicians and Respiratory Therapists conducted a Fundamental Critical Care Support (FCCS) training, which prepares non-intensivists to manage critically ill and injured patients for the first 24 hours until transfer or appropriate critical care consultation can be secured. Rachel Kiecker, MSN, RN, CCRN, Nursing Education Specialist, Nursing Clinical Practice, Education & Quality shared the following statement about the experience: “I utilized the Simulation Center for an educational course I facilitated for nurses, physicians, and advanced practice providers. The course required space for lecture as well as breakout sessions for skills stations. The facility was beautiful, spacious, and exceeded expectations. MSU Simulation Coordinators were very knowledgeable and actively involved from planning to implementation.” Based on evaluation data, future plans include expanding this training to twice per year.

AIDET (Acknowledge, Introduce, Duration, Explanation, and Thank You) Training

AIDET Patient Communication coaching training was completed by Dr. Zeeb Kain in February. AIDET® is a communication framework for healthcare professionals to communicate with patients and each other in a way that decreases patient anxiety, increases patient compliance, and improves clinical outcomes. The acronym AIDET® stands for five communication behaviors: Acknowledge, Introduce, Duration, Explanation, and Thank You. Dr. Kain’s statements about Simulation Center support the mission: “this is a state of the art facility that can be seen only in major university center, the staff is simply outstanding in both knowledge and help to the participants. It is one of the best simulation facilities I have seen both in the US and around the world. In addition, this is a facility where “breaking the silos” is a way of practice rather than a marketing slogan.” Dr. Kain is internationally recognized anesthesiologist and pediatrician. The Institute had an impact on the training by adding a family member to the AIDET training. Bringing a family member into to the simulation scenario guided participants to develop a practice of communicating with and caring for families during encounters.

International Family Nursing Association Collaborations

The Institute continues to partner with the International Family Nursing Association (IFNA) in creating a global community of scholars focused on family nursing and family health. IFNA has grown to more than 350 members from 32 countries. <http://internationalfamilynursing.org/>. IFNA offers international family nursing conferences and forms global committees that focus on family nursing. Multiple School of Nursing (SON) faculty participate on education, research, practice committees. SON faculty are serving as leaders of groups writing family nursing position statements, conducting research studies, collaborating with global colleagues, and honoring family nurses. Faculty members continue to offer webinars, participate in research projects, and provide educational support that support practice and education about families. Minnesota State University Mankato and the Institute remain visible and active leaders in IFNA with a far-

reaching impact. Institute Director, Sandra Eggenberger continues to serve on the Board of Directors and lead a global research study as a principal investigator.

International Family Nursing Conference, Pamplona Spain

The Glen Taylor Nursing Institute for Family and Society and the College of Allied Health and Nursing shared a sponsorship for the 13th International Family Nursing Conference (IFNC13). This conference included more than 300 family nurses from 29 countries and took place in Pamplona, Spain from June 14-17, 2017. The Institute provided various types of support to faculty, students, and practice partners who shared their scholarship at The University of Navarra, the conference venue. The latest research, education, and practice presentations were included in keynote addresses, pre-conference workshops, expert lectures, special sessions, and podium and poster presentations. Minnesota State University was well represented with students, faculty and practice partners. Five nurses from Hennepin County Medical Center (HCMC) attended the conference for the first time. This was the first time that an academic-practice partnership from Minnesota was featured in a podium presentation by HCMC and MSU faculty and practice partners. The Institute and IFNA share a goal of engaging nurses who practice in the health care system in order to advance the care of families during health and illness.
<https://internationalfamilynursing.org/2016/04/01/2017-conference/>



HCMC Nurses tour
University Hospital

MSU-HCMC Podium
Presentation

Poster Presentations

Pre-Conference Workshop at IFNC13

Applying IFNA Competencies through Nursing Education and Practice

Norma Krumwiede, Kelly Krumwiede, Stacey Van Gelderen, Colleen Royle, Marilyn Swan, Sandra Eggenberger, Cyrus Azarbod, Guarionex Salvia, Julie Frederick

SON faculty offered a pre-conference workshop at IFN13 that emphasized our expertise and innovations in family nursing education. The workshop shared Minnesota State University Mankato's innovative ways to incorporate IFNA competencies related to family-focused nursing into their simulation scenarios, courses and curriculum. Simulation scenario video exemplars highlighted the IFNA generalist competencies for nursing practice and engaged participants in real world care of vulnerable families.

Podium Presentations at IFNC13

Faculty and students from Minnesota State University Mankato and academic and practice system partners provided podium and poster presentations focused on our education, research and practice initiatives. These faculty presentations increased the visibility of the University and emphasized this academic institution's leadership in family and societal health.

1. Adjusting to Sex and intimacy: Gynecological Cancer Survivors Share about their Partner Relationships **Kristen Abbott-Anderson, Sandra Eggenberger, Patricia Kaye Young**
Minnesota State University, Mankato

2. Digital Storytelling: Exploration of a Translation Strategy to Advance Family Nursing Practice in an Adult Hospital Setting **Sandra Eggenberger, Patricia Beierwaltes, Sara Ali, Lynn Kuechle, David Clisbee, Hennepin County Medical Center Nurse-Family Communication Teams**
3. Development of the Family Caring Conversation Protocol in the Context of Chronic Illness **Sonja Meiers**, Winona State University, **Sandra Eggenberger, Norma Krumwiede**, Minnesota State University
4. Promoting excellence in the Care of Older Adults through Family-Focused Nursing Education **Colleen Royle, Norma Krumwiede**, Minnesota State University, **Shelly Reed**, Brigham Young University, Provo, UT
5. Perceived Benefits and Challenges of Providing Family-Focused Nursing Care as Reported by Early Career Graduates **Marilyn Swan, Kristen Abbott-Anderson, Sandra Eggenberger** Minnesota State University, Mankato
6. Using Simulation and Family-focused Care to Improve Pregnancy Outcomes **Kelly Krumwiede, Stacey Van Gelderen, Norma Krumwiede** Minnesota State University Mankato
7. The Art of Teaching about Family Nursing through Simulation **Shelly Reed**, Brigham Young University, Salt Lake City, UT, **Norma Krumwiede, Colleen Royle** Minnesota State University, Mankato
8. Revolutionizing High-Fidelity Simulation Education of Baccalaureate Nursing Students with Smart Glass Technology as an Effective Learning Tool **Julie Frederick, Stacey VanGelderen, Alanna Robinson, Emiel Smeenck, Brahma Konda, Bhavyaka Kolli, Mark Blashack, Ankit Goel, & Cyrus Azarbod**, Minnesota State University, Mankato
9. Family Care Rubric Measures Essential Family Nursing Actions During Simulation **Stacey Van Gelderen, Norma Krumwiede**, Minnesota State University, Mankato
10. The Lived Experience of ‘Thinking Family’ During the Transition into Practice **Chelsea Leafgreen, Elizabeth Vieburg, Megan Matthews, Colleen Royle** Minnesota State University, Mankato,
11. The Role of Family in the Action T4 Program: A Historical Study of the Involuntary Euthanasia Program in Germany 1938-1944 **Hans-Peter de Ruiter**, Minnesota State University, Mankato, MN, University of Minnesota Center for Bioethics, Minneapolis, MN
12. Through the Looking Glass: Application of Smart Glasses in Nursing Education and Clinical Practice **Mark Blashack, Stacey Van Gelderen, Cyrus Azarbod, Julie Frederick, Emiel Smeenck, Brahma Konda, Bhavyaka Kolli, Alanna Robinson** Minnesota State University, Mankato
13. Family Nursing Education E3 :Efficiency, Effectiveness, and Experience **Guarionex Salivia, Cyrus Azarbod, Colleen Royle, Ankit Goel, Flint Million, Megan Bening**, Minnesota State University, Mankato
14. Best Practices in Advance Care Planning for Families in Primary Care: A Scoping Study **Rhonda Cornell** Minnesota State University, Mankato

Poster Sessions at IFNC13

1. A Description of The Facilitating and Constraining Beliefs of Early Career Nurses in Providing Family-Focused Nursing Care **Marilyn Swan, Kristen Abbott-Anderson, Sandra Eggenberger**
2. An Empirically and Theoretically Guided Process to Ensure a Family-Focus in High-Fidelity Simulation **Stacey Van Gelderen, Marilyn Swan, Sandra Eggenberger**
3. Transforming Healthcare Experiences for Alzheimer’s Patients and Their Families Through a Community-Academic Partnership **Kelly Krumwiede, Kristen Abbott-Anderson**

4. Creating an Innovative Model of Care: A Nurse-Managed School Based Clinic that Promotes Health in Children and Families within their Community **Nicole Schmitz, Sandra Eggenberger**
5. Emergency Room Utilization for Patients with Co-Conditions of Memory Loss and Cardiac Disease: A Family Nursing Opportunity **Megan Matthews, Kristen Abbott-Anderson**
6. The Sacred Work of Teaching Nurse Educators How to Think and Teach Family Nursing **Norma Krumwiede**

Webinar Presentation

Institute Director Dr. Sandra Eggenberger and research colleague Dr. Sonja Meiers presented a webinar focused on family interviewing to International Family Nursing Association (IFNA) members. The Glen Taylor Nursing Institute for Family and Society, IFNA and collaborators share a mission of developing, supporting, and advancing family nursing research agendas. More than 30 global participants attended this webinar with positive participant evaluations.

State of the Science of Family Interviewing: A Collective Family Perspective



Sandra K. Eggenberger, PhD, RN
Director Glen Taylor Nursing Institute for Family and Society

Professor School of Nursing
Minnesota State University, Mankato



Sonja J. Meiers PhD, RN
Professor and Director of Graduate Programs in Nursing
Winona State University-Rochester

Eggenberger and Meiers guided participants through strategies to gain a collective family perspective. In addition, the presenters articulated how family researchers can design and implement family intervention and translation studies that use the collective family perspective to improve nursing practice and outcome. The webinar shared:

- Research-supported strategies that assist participants in planning quantitative and qualitative studies
- Unique challenges and benefits of conducting collective family research interviews for data collection and family intervention interviews

Faculty Dissemination

Faculty dissemination of their scholarship provides evidence of a community of scholars focused on the mission and vision of the Institute. Several faculty received various types support from the Glen Taylor Nursing Institute for Family. The following abstracts, presentations, and photos are not an exhaustive list, but selected presentations and publications that present the various disciplinary conferences and diverse faculty research agendas.

Nursing & Healthcare Ethics Conference

The University and Glen Taylor Nursing Institute for Family and Society encourages faculty to disseminate their research. SON faculty with the Taylor Institute is addressing current areas of concern focused on the health of families and society.

Opioid Use during Pregnancy, Reporting Standards and Implications for Improving Practice
Amy Haycraft, DNP, APRN, CNP, RN-BC, PMHNP(s)

Opioid misuse affects females across all socioeconomic groups, races, ethnicities, and regions, including those who are or may become pregnant. The increasing prevalence of opioid abuse among pregnant females

has increased by 127%. In recent years, there has been a fivefold increase in neonatal abstinence syndrome (NAS). The associated criminality or punitive risk associated with substance use deters pregnant females from reporting opioid use, further inhibiting necessary and imperative prenatal care. Many states criminalize substance use during pregnancy, although the threat of incarceration has not been effective in reducing substance use. Many maternal and neonate sequela could be avoided with effective interventions; substance abuse may only be identified at the time of birth. Many health professionals and their organizations oppose the prosecution of drug-addicted mothers; they support treatment and education. To improve outcomes a non-criminalized, non-punitive, supportive multidisciplinary approach consisting of early substance use screening/identification, comprehensive referrals, and long-term support service is necessary.

Journal of Psychosocial Nursing and Mental Health Services (2018) Publication

Pregnancy and the Opioid Epidemic

Amy Haycraft, DNP, APRN, CNP, RN-BC, PMHNP(s)

Opioid use disorder (OUD) in pregnancy is increasing, which often results in poor maternal and neonatal outcomes including neonatal abstinence syndrome (NAS) as a result of lack of prenatal care and inadequate substance use disorder management. Practice guidelines have been developed to manage OUD during and after pregnancy for mother and baby, but barriers exist, limiting comprehensive implementation. To reduce the impact of OUD in pregnancy and associated maternal and neonatal sequela, implementing compassionate evidence-based care and a non-punitive response is needed. A stigma-free approach, substance use disorder screening, medication-assisted treatment, screening and treatment of mental health disorders, and an after-birth environment that promotes maternal-child bonding are recommended.

National Association of Clinical Nurse Specialists

Professors in the School of Nursing have clearly focused their research and dissemination on population health and the health of society. The annual meeting and conference of clinical nurse specialists featured a keynote from Dr. Sue Ellen Bell whose program of research aligns with the mission of the Institute.

Bell, S. E. (2017, October). Developing CNS capacity for population health. Keynote address 2017 Annual Meeting and Conference.

National Meeting of the Council for Nursing and Anthropology and the Society for Applied Anthropology

Dr. Sue Ellen Bell presented a paper at a key organization that brings together nurses, anthropologists and others interested in promoting the health of peoples and cultures around the world through research and practice innovations. This dissemination and collaboration aligns brings visibility to the University and Institute in the area health of diverse populations. <http://www.conaa.org/index.php/about-us>

Bell, S. E., Schmitz, N. S., & Eggenberger, S. K. (March, 2017). Context and consequence of family nursing practitioner education in the United States. A paper presentation at the 77th Annual National meeting of the Council for Nursing and Anthropology and the Society for Applied Anthropology: Trails, Traditions, and New Directions. Santa Fe, New Mexico.

Advanced Public/Community Health Nursing Practice: Population-focused Care (2018) Publication

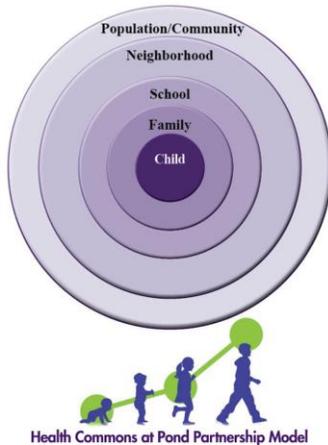
Dr. Sue Ellen Bell was a recent author in a book edited by Taylor Advisory council member Dr. Naomi Ervin.

Bell, S. E. (2018). Conducting a program evaluation. In N. E. Ervin (Ed.). *Advanced public/community health nursing practice: Population-focused care*. Upper Saddle River, NJ: Prentice Hall.

Midwest Nursing Research Society (MNRS)

Dissemination, engagement, and participation in scholarly agendas have helped to create a visible presence for Minnesota State University Mankato at MNRS. MNRS is one of the largest and most influential nursing research organizations in the country, serving individuals in a 13-state Midwest region with more than 1,300 members. Faculty shared their research and Institute directions with members of MNRS.

Poster Presentation of School Community and Academic System Partnership



An initiative supported by the Glen Taylor Nursing Institute for Family and Society, the College of Allied Health and Nursing, and the School of Nursing at Minnesota State University Mankato was disseminated in a poster. A presentation, *Planning a Nurse-Managed School-Based Clinic to Provide Individual, Family and Community Care*, by **Nicole Schmitz, Sue Ellen Bell, Sandra Eggenberger, Patricia Beierwaltes, Rhonda Cornell, Tai Sims, Faduma Sara Ali** shared the project of launching a nurse-led practice. This project addresses current health concerns by creating a school-based clinic led by independently practicing NPs who use a model of family and population-level interventions, in addition to individual client encounters, to improve family and population health.

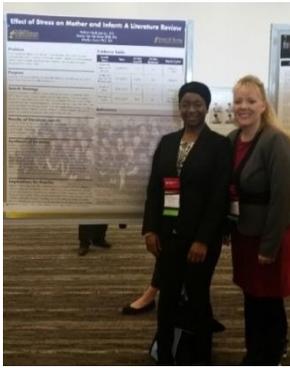
An innovative clinic in an underserved urban school district with a mission to improve family and community functioning and health in support of student achievement was opened in August 2017. A family and community needs assessment to identify unique health concerns, focus groups to establish community outreach and engagement processes, and academic-clinical-community partners guided this unique model of care. Stakeholders included an education specialist and other key members of the school system, a nurse leader from the city public health department, students and faculty from the academic system, and interprofessional collaborators. Educational opportunities for undergraduate, graduate, and doctoral nursing students are currently being operationalized.

Podium Presentation of Academic-Clinical Practice Partnership

An academic partnership was featured in a Family Health Symposium presentation, *Digital Storytelling: A Translation Strategy Guides Education in the Adult Hospital Setting* by authors **Sandra K. Eggenberger, Patricia Beierwaltes, Faduma Sara Ali and David Clisbee**. Through the creation of an academic-clinical practice partnership nurse researchers captured nurse stories of significant nurse-family interactions in digital recordings. The analysis of these stories guided researchers who partnered with practicing nurses to identify the directions for an educational session focused on family nursing practice. Narratives and digital stories increased reflections and understandings of family experiences during an adult acute illness and guided educational approaches. This partnership and educational experience moved family nursing practice forward in the hospital setting. This academic-clinical practice partnership is leading to multiple research and education initiatives.

Student Poster Presentations and Faculty Mentors

The Glen Taylor Nursing Institute for Family and Society continues to encourage faculty to engage students in their scholarship. Students, their project, and faculty mentors are included to provide evidence supporting the development of a community of scholars in the School of Nursing. This is not intended to be an exhaustive list, but selected abstracts with a list of other student-faculty presentations follow.



Midwest Nursing Research Society

Halimat Abdulganiyu

Effect of Stress on Mother and Infant: A Literature Review

Stacey Van Gelderen DNP, RN and Marilyn Swan PhD, RN

Background: Stress negatively affects maternal and infant outcomes. Maternal stress may adversely affect infant cognitive, emotional, social, and behavioral development. Mothers reporting high stress levels were found to have increased anxiety, depression and cortisol levels. Purpose: Conduct a literature review to determine the effect of maternal stress on mother-infant health

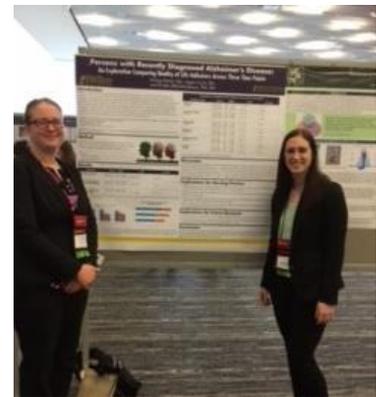
outcomes and infant development. Synthesis of Evidence: Evidence suggests a link between mothers' stress level and mother-baby health outcomes. There is a relationship between prenatal maternal stress and adverse pregnancy outcomes of low birth weight, preterm delivery, and peripartum depression. Transition into the maternal role has negative effects on the amount of time a new mother has to attend to existing relationships which may create stress during the post-partum period. Improved child health and development outcomes are associated with increased maternal responsiveness and care to infants. Evidence suggests that maternal social support has a mitigating effect on the relationship between stress and adverse pregnancy outcomes. Maternal depression was more prevalent in the literature than maternal stress. Implications for Practice: Maternal stress negatively affects infant bonding and health outcomes. Nurses need to assess and evaluate for maternal stress during the prenatal and post-partum period. Assessment should include sources of social support and potential psychosocial complications. Stress reduction interventions may improve psychological and physical health of women and their infants. Providing education on meditation and self-education on mothering role may help reduce maternal stress.

Stirling Adrian and Aspen Curtis

Persons with Recently Diagnosed Alzheimer's Disease: An Exploration Comparing Quality of Life Indicators Across Three Time Points

Kristen Abbott-Anderson RN, PhD

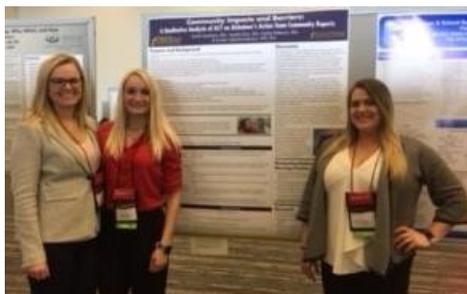
Background: Alzheimer's disease (AD) affects 5.4 million Americans. This progressive, neurodegenerative disorder has a significant negative impact on an individual's quality of life (QoL). QoL is a multidimensional concept that encompasses subjective and objective evaluations of physical and mental health, functional abilities, participation in activities, and social relationships. Purpose: The aim of this study is to explore QoL indicators as reported by persons recently diagnosed with AD from the year of diagnosis and including the two years prior to diagnosis. Framework: The humanizing nursing care theory focuses on a holistic, respectful view of patients as unique individuals with a goal of building on an individual's strengths. Methodology: A secondary analysis of the National Institute on Aging's National Health and Aging Trends Study (NHATS) will be conducted on persons with AD to explore the longitudinal experience of QoL indicators. Results: Results will inform nursing care for persons with a recent diagnosis of memory loss with implications for nurses in community health and clinical care settings. Understanding changes in QoL that can coexist with AD will help nurses to develop care strategies that support the affected person and their family as they navigate life with this progressive disease.



Amelia Kjos and Karlye Peterson and Sara Jacobson

Community Impacts and Barriers Faced: A Qualitative Analysis of ACT on Alzheimer's Action Team Community Reports

Kristen Abbott-Anderson RN, PhD

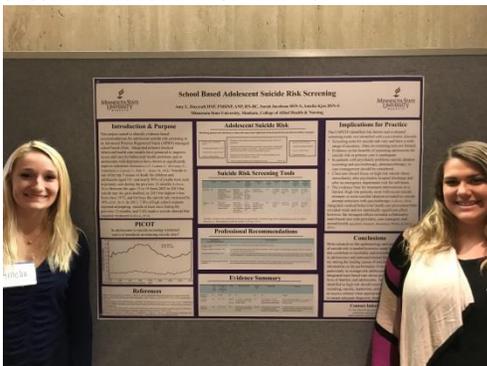


Alzheimer's disease (AD) is a progressive brain disease that causes cognitive complications. With the increasing age of Americans, the number of individuals living with AD is expected to rise from an estimated 5 million to 16 million by 2050. With the increasing number, it is critical that communities are educated about the disease and how to support AD individuals and their families. One way to promote community awareness is through ACT on Alzheimer's (ACT). ACT is a statewide organization that works within communities across Minnesota to bring

education about Alzheimer's and provide support to people in the community who are diagnosed and affected by the disease. The aim of this study is to assess the impact and barriers experienced by ten ACT communities when implementing their action plans to increase awareness of Alzheimer's and to develop Dementia Friendly communities in Minnesota.

Mayo Clinic Pediatric Nursing Conference

Undergraduate students Sara Jacobson and Amelia Kjm, presented a poster at the Mayo Clinic Pediatric Nursing Conference. This group was the sole presentation outside of Mayo and created great interest in the Health Commons at Pond and highlighting the role that MSU students and faculty are having in the community. Dr. Amy Haycraft guided these students' reviews of literature focused on school-based substance abuse and suicide risk.



Amelia Kjos and Sarah Jacobson
School Based Adolescent Suicide Risk Screening
Amy Haycraft, DNP, PMHNP, ANP, RN-BC

Amelia Kjos and Sarah Jacobson
School Based Substance Abuse
Amy Haycraft, DNP, PMHNP, ANP, RN-BC

29th International Nursing Research Congress (UPCOMING)

Amelia Kjos and Sarah Jacobson
Amy Haycraft, DNP, PMHNP, ANP, RN-BC

Marshall, Minnesota School Board

Lindsay Pelz, RN
An Evidence-Based Review School-Based Adolescent Suicide Prevention Programs
Sandra K. Eggenberger, PhD, RN

International Association for Human Caring (UPCOMING)

Dane Anderson
Perceptions of caring among nursing students participating in life review activity with elders living in the community or in long term care
Laurel Ostrow RN, DNP

Jessica O'Brien
Perceptions of caring among nursing students participating in life review activity with elders living in the community or in long term care
Laurel Ostrow RN, DNP

Bailey Lucas
Perceptions of caring among nursing students participating in life review activity with elders living in the community or in long term care
Laurel Ostrow RN, DNP

Global Research

A purpose of the Institute is to form partnerships and engage scholars in developing knowledge to support the health of families and society. The research agendas of several faculty demonstrate this community of scholars' efforts to embrace this vision. Their research has potential to impact education and health care systems.

Validation of the Van Gelderen Family Care Rubric (VGFCR)

Investigators: **Stacey Van Gelderen, DNP, RN; Marilyn Swan, PhD, RN; Ashley Engebretson BS, RN; Amanda Garrow PhD, RN; Amanda Miller MS, RN; Angela Hancock PhD, RM, RN; Sabrina Ehmke MSN, RN; Lisa McConnell, MS, RN; Yazan Aljamal, MBBS; Danyel Germain DNP, RN**

Study Aims: Conduct an international, multi-site, phase and discipline project with the goal of validating the VGFCR.

Purposes of the Study: The purpose of the study is to explore registered nurse, baccalaureate nursing students, UK pediatric nursing students, UK midwifery students and other healthcare professionals' communication and family care skills during obstetric and pediatric simulations. This proposal supports two phases of the project.

Phase One:

1. Establish validity of the VGFCR instrument to measure family communication and family nursing care skills.
2. Establish family construct validity between different participant groups.

Phase Two: Conduct a study using the VGFCR to measure family communication and care skills in a sample of registered nurses, US junior level baccalaureate students, UK pediatric students, UK midwifery students and US medical residents during three video-recorded emergent obstetric simulations and four video-recorded pediatric simulation scenarios.

Study Setting: The study will be conducted at five separate sites:

1. Minnesota State University, Mankato in Mankato, MN
2. University of Salford in Manchester, UK
3. Keele University in Staffordshire, UK
4. Children's National Medical Center in Washington, DC
5. Mayo Clinic in Rochester, MN

Nurses' Descriptions and Practices of Family Engagement in Intensive Care Settings: An International, Multisite Qualitative-Descriptive Study

Principal Investigator: **Sandra K.Eggenberger, PhD, RN;** Co-Investigators: Petra Brysiewicz; Rahel Naef; **Patricia Beierwaltes;** Vico Chiang; David Clisbee; Junko Honda; Martin Nagl-Cupal; Ann Price; Anna Richardson; Sandra Richardson; Tara Tehan; Jennifer de Beer; Amanda Towell-Barnard; Beverly Ewens

Study Aims: The aim of this study is to discern nurses' descriptions and practices of family engagement in the adult intensive care units (ICUs) from a global perspective. Researchers from ten countries (Australia, Austria, Hong Kong, Japan, New Zealand, Saudi Arabia, Switzerland, United Kingdom, United States) have now created a global research team with short and long-term plans. Methods to engage families and address barriers in the acute care setting will be more fully understood. There is a need for research focused on family engagement from a global nursing perspective to guide family nursing practice.

Purposes of the Study: The purpose of the study is to explore family engagement in ICU from the nurses' perspective across the continuum from pre- admission to admission to ICU transfer within a number of international settings.

Specific purposes:

1. Describe how nurses perceive their involvement and engagement with families of critically ill patients in the ICU within a number of international settings.
2. Identify nurses' perceptions of facilitators and barriers to family engagement, as well as factors that influence family engagement during the acute illness of a family member who is hospitalized in the ICU within a number of international settings.
3. Examine attributes of nurse-family engagement in a number of international settings.
4. Describe family engagement practices that nurses use with families during the critical illness of a family member admitted into the ICU.

Study Setting: The study setting includes 10 countries with academic-practice partners: Australia, Austria, Hong Kong, Japan, New Zealand, Saudia Arabia, Switzerland, United Kingdom, and the United States academic and health care systems.

Global Education

A purpose of the Institute is to provide leadership and expertise in family and societal health. Institute aims focus on forming partnerships and engaging scholars in developing pedagogy models. SON faculty lectureships, professorships and the implementation of educational approaches related to family and society are influencing global education.

Faculty Serve as Visiting Lecturers, Professors, Experts and Mentors



Dr. Sue Ellen Bell, PhD RN PHN APRN, CNS served as a Guest Lecturer in the summer of 2017 at the University of Applied Sciences Krems in Krems, Austria. Her program of research in population health and expertise and education in societal health was the focus of the work.

Dr. Hans-Peter de Ruiter, PhD, RN serves as a visitor professor in Sweden. His expertise in ethics from a family and societal perspective has led to this exploration of the impact of health care technology. This international visiting professorship focuses on the ethical impact of health care technology.

Dr. Hans-Peter de Ruiter is also collaborating with a team to prepare an expert witness report for the American Civil Liberties Union. The expertise of SON faculty, students and external ethicists informs this work.

Dr. Barbara Dahlen, PhD, RN continues a focus on social justice. She serves as a consultant related to historical trauma. In spring 2018 she offered a seminar at Northern Arizona University presented by the Center for Health Equity Research and the Southwest Health Equity Research Collaborative.

Dr. Sandra Eggenberger is serving as a practicum mentor for a PhD student at the University of Massachusetts. The student is conducting research at Massachusetts General Hospital with Eggenberger and IFNA. Dissertation chair, Dr. Susan Sullivan-Bolyai, DNSc, CNS, RN, FAAN the Associate Dean of Research and Innovation at University of Massachusetts Medical School expressed appreciation for this mentorship with the following statement: “Tara is so excited about being involved in this project with expert nurse scientists in her clinical field. It doesn’t get better than this and I am thrilled that she gets to experience what I love about IFNA members!”

Collaboration with European Universities

Memorandums of understandings have been developed with Minnesota State University, Mankato and European academic systems. This work has been guided by **Dr. Hans-Peter de Ruiter**. A goal is being developed to engage more faculty and students in this type of international learning experience.

Community Partnerships

Health Commons at Pond



[View the Health Commons at Pond Here](#)

Health Commons at Pond, a joint collaboration between Bloomington Public Schools and Minnesota State University, is a nurse-managed school based health center. This approach to health care shows promise in addressing the relationships between child and family health

while also focusing on health disparities and challenges linked to the community. Services are provided by nurse practitioners, faculty and students from Minnesota State University, Mankato with a graduate program located at 7700 France Avenue, Edina. Interprofessional collaborations are being developed with the College of Allied Health and Nursing at Minnesota State University Mankato.

Madelia Based Community Collaborative

The Madelia Based Community Collaborative (MCBC) continues to work in the Madelia community: This collaborative is supported by faculty in the School of Nursing, particularly **Dr. Kelly Krumwiede**. The mission and strategic directions have expanded and shifted with time to address identified and priority concerns.

Vision: Working together to achieve a healthier community.

Mission: Promote the well-being of Madelia residents through community-based partnerships.

Values: Equity, collaboration, community engagement, health and well-being, empowerment.

Strategic Focus Areas: Mental Health, Healthy lifestyles

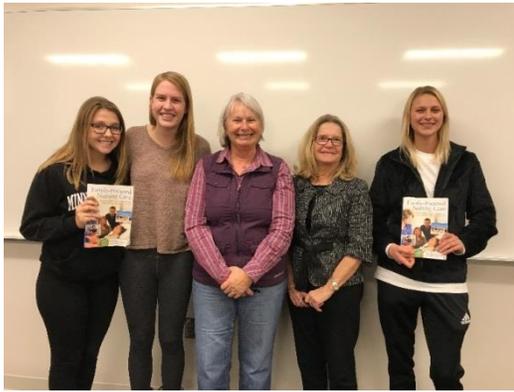
Activities include healthy food distribution to families in need, inspiration to move for school children and monthly programming related to mental health. A link to their calendar of activities can be found on their Facebook page at: <https://www.facebook.com/madeliacommunitybasedcollaborative/>

Act on Alzheimer's

Faculty members **Drs. Kristin Abbott-Anderson and Kelly Krumweide** continuing to collaborate with the ACT on Alzheimer's group with the goal of becoming a community that is dementia friendly. The University and Institute continue to collaborate in:

- Offering Dementia Friends information sessions for community members, including students at MSU-Mankato
- Building a dedicated team of Dementia Friendly @ Work trainers
- Coordinating professional education by the Alzheimer's Association for our public safety, fire, and sheriff departments, as well as nursing staff at clinics and several faith communities
- Maintaining a local Alzheimer's and Dementia Resource Guide printed by the Institute
- Started the Singing Hills Chorus for people living with dementia and their care partners

Taylor Visiting Scholar



Dr. Sharon Denham met with undergraduate students while serving as a Taylor Visiting Scholar. Dr. Denham shared her journey to nursing with students and an overview of the different research projects she has been involved with in her career. Several students had their textbooks, edited by Dr. Denham, in hand for her to sign. Dr. Eggenberger also contributed to the presentation in speaking to students about Dr. Denham's involvement in the Taylor Advisory Council and the efforts of the School of Nursing faculty in writing the textbook focused on family nursing practice.

Becky Taylor Fellowships and Scholarships

Students continue to be central to the mission and impact of the Glen Taylor Nursing Institute. Multiple students focus their graduate education on areas of study aligned with the mission of the Glen Taylor Nursing Institute for Family and Society. These students identify a phenomenon of interest to nursing regarding family and/or societal health that they plan to investigate. Two Doctor of Nursing practice students who recently received Becky Taylor Fellowships are recent graduates of Minnesota State University Mankato.

Becky Taylor Fellows Graduations and Dissemination

Heather Schmidtknecht graduated with her Doctoral of Nursing Practice degree in spring 2018. Mental illness and the impact on individuals, families, and systems became the focus of her education and final project. Reviews of literature supported a mental illness crisis in our country with identification of multiple barriers to quality of life. Public stigma within a local health department became the target of her intervention. Collaboration with an interdisciplinary group of health department employees gave rise to a targeted, relevant plan to implement evidence-based interventions. Planned interventions were intentionally multifaceted and continuous within a 12-month period to enhance the effect. The aim of this project was to measure and describe the mental illness stigma within the LHD and to develop a plan to address the identified stigma using evidence-based practice. Heather Schmidtknecht's work was guided by Dr. Sue Ellen Bell. Supportive committee members include Dr. Rhonda Cornell and Dr. Hans Peter De Ruiter.

Carrie Dickson completed her DNP education in spring 2018 with a focus on families experiencing autism. With the support of the Autism Society of Minnesota Ms. Dickson created a virtual community to establish a multidisciplinary Community of Practice for core healthcare providers in all settings. A literature search supported health disparities, the need for further education and networking for healthcare providers, and a supportive base of evidence. Given the unique needs of this large community, advanced practice nurses and other healthcare providers need to increase their knowledge and ability to care for these individuals in order to provide high quality care and decrease health disparities. The goal of the community of practice was to improve access to quality healthcare to decrease health disparities in the autistic community. The aim of this project was to facilitate networking, education, and advocacy on caring for autistic individuals and families. Carrie Dickson's work was guided by Dr. Sue Ellen Bell. Supportive committee members include Dr. Sandra K. Eggenberger and Dr. Hans Peter De Ruiter.

Leslie Darmofal graduated in December, 2017. Her doctoral work focused on families and cancer experience with a scholarship project titled "Psychological Distress: Softening the Transition of Patients and Families from Survivorship to the New Normal". This DNP work was guided by Dr. Sue Ellen Bell and supported by committee members Dr. Sandra K. Eggenberger and Dr. Hans Peter De Ruiter. This doctoral student focused on improving continuity of care for the patient and family during the transition back to primary care with the use of a screening tool, Distress Thermometer (DT) developed by the National Comprehensive Cancer Network (NCCN) to initiate when a patient history reveals a cancer diagnosis. Leslie plans to implement this DT tool in patient care units with clinic primary providers

receive training. Dr. Sue Ellen Bell guided Ms. Darmofal in implementing the screening tool for the providers, nurses and physicians to meet with patients and their families. Committee members included Dr. Sandra Eggenberger and Dr. Hans Peter de Ruiter.

Dr. Sue Ellen Bell and Dr. Leslie Darmofal also shared their research at the National Association of Clinical Nurse Specialists 2018 Annual Conference in Austin Texas. Dr. Bell's guidance of Doctor of Nursing Practice students supports a central function of the Glen Taylor Nursing Institute for Family and Society.

Darmofal, L., & Bell, S. E. (2018). Psychological distress: Transition patients from survivorship to the new normal. The National Association of Clinical Nurse Specialists 2018 Annual Conference.

New Doctor of Nursing Practice Students Awarded Becky Taylor Fellowship

The School of Nursing continues to increase enrollment of highly qualified Doctor of Nursing Practice (DNP students. The Becky Taylor Fellowship funding to DNP students provides incentive and necessary support. Newly identified Becky Taylor Fellows include several students who are continuing with the Doctor of Nursing Practice education after completing their graduate education as a Family Nurse Practitioner at Minnesota State University, Mankato:

- **Marisa Melander** has a goal of designing a practice based on her prior experience in school districts and pediatric clinics that serves families. She hopes to support and launch a university clinic that serves underprivileged families within our community.
- **Angela Rickheim** plans to continue serving in a rural underserved area of central Minnesota. She hopes to investigate the societal and family impact of transcatheter aortic valve replacement (TAVR) in regards to length of stay, infection rates, and quality of life in a rural, demographic of central Minnesota. Angela's goal is to support the coordination of care to this population.
- **Brittany White** who articulates plans to continue nursing practice in underserved areas. At the present time Brittany is practicing at Bois Forte (Nett Lake) Reservation near Cook, Minnesota. Since she started in the Hibbing cohort she has been committed to the University mission.