



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 2018 Glen Taylor Nursing Institute for Family and Society annual report highlights initiatives guided by faculty, students, and partners. Education, practice and research projects that align with the Institute's mission continue to be developed and sustained. Partnerships and collaborations developed by the Taylor Institute are advancing family nursing practice and supporting the health of families and communities. Taylor Visiting Scholars who are experts in family and societal health provide faculty, students, and partners with opportunities to advance their scholarship. This report highlights innovations with new and continuing collaborators of

the Institute, School of Nursing, College of Allied Health and Nursing, and Minnesota State University, Mankato.

Education Highlights

Education remained central to the Glen Taylor Nursing Institute for Family and Society strategic plan in 2018-2019. Developing collaborations with the Maverick Family Nursing Simulation Center and School of Nursing (SON) faculty provided the Taylor Institute with opportunities to provide leadership in family and societal health nursing practice. Several consultations, educational initiatives, and workforce trainings supported the Institute's mission throughout this year. Reengaging retired faculty and alumni in the SON and providing current faculty with educational opportunities through the presence of a Taylor Visiting Scholar were key outcomes.

Maverick Family Nursing SIMULATION CENTER

 MINNESOTA STATE UNIVERSITY MANKATO

Consultations

Simulation Consultation

Consultations have become a central force for change through the School of Nursing (SON) and Maverick Family Nursing Simulation Center. Dr. Stacey Van Gelderen, an associate professor in the MSU SON, provided simulation and informatics customized training and consultation services to Professor Michele Brennan-Vuocolo, Clinical coordinator of the Family Nurse practitioner Program (FNP) and Dr. Kathleen Marollo, Director of the FNP SUNY Polytechnic Institute of Utica, NY in April, 2018. Observing Minnesota State University Mankato's quality simulation education for nursing students and learning in the new state-of-the-art Clinical Sciences Building (CSB) and Maverick Family Nursing Simulation Center were priorities from this consultation. Dr. Van Gelderen was consulted for her expertise in simulation scenario development and design as well as her skill-sets in informatics for the innovative Simulation, Analytics, Family-focused Electronic Health Record (SAFE-HR) system. A goal of Dr. Marollo and Professor Brennan-Vuocolo was to see how a family-focused care model within simulations to a family-supported electronic health record system could benefit their family nurse practitioner program at SUNY Polytechnic Institute. "With the high demand and competitive clinical site placements in New York, our school was looking for a way we could provide high-quality education to our students by supplementing some of our clinical practice hours with simulations," Clinical Coordinator Brennan-Vuocolo said. "My colleague and I are absolutely amazed by MSU's simulation center, their simulators and technology. Their staff is truly remarkable, we had no idea how 'real' these experiences are, just like we find in clinical practice. What an incredible gift their students have to use this facility."

With the goal to develop their own strategic partnerships in Utica, NY, these visitors to the campus had the opportunity to meet with several other MSU faculty and staff. Paul Cusick, Director of Technology for the College of Allied Health and Nursing provided budgeting and financial costs related to CSB. Lynn Kuechle provided consultation on building strategic partnerships within their local area by providing customized training to practicing healthcare staff and funding to support a simulation learning center such as CSB. Brennan-Vuocolo and Marollo were also able to observe Dr. Colleen Royle, Learning Resource Lab & Simulation Director & Ashley Engebretson, Simulation Associate to learn how to coordinate, organize, and prepare for simulations and student learning in the simulation lab. Finally, Dr. Marilyn Swan explained how student learning in simulation were scheduled and addressed in practice hours to meet accreditation standards and Minnesota Board of Nursing requirements.

Dr. Marollo and Prof. Brennan-Vuocolo observed students' simulation learning with actors and debriefings. Closing comments emphasized the quality of our resources and leadership of our faculty: "We are so thankful for all we have learned at MSU and we will take this information back to our Dean and faculty in the hopes of developing many of the wonderful practices experiences you have all developed," said Brennan-Vuocolo. These

types of consultations enable the faculty and simulation center to influence education beyond our students.



School of Nursing Faculty Consult with SUNY Polytechnic Institute of Utica, NY

Family-Focused Education/Practice Consultations

Throughout this year the Glen Taylor Nursing Institute for family and Society Director, Dr. Sandra Eggenberger, provided consultations for academic and healthcare systems. Several members of faculty teams in academic settings and researchers in hospital settings sought guidance for educational initiatives. At the present time, Director is also providing guidance to three nursing students in Doctor of Philosophy programs on USA east coast on their research and practice innovation related to family nursing. These students and researchers have now joined a global research team conducting family nursing practice research in hospital settings.

Educational Initiatives

Simulation Resources for Faculty

The SON created resources that faculty can access for future consultations and educational initiatives. A simulation package is available that includes:

Real Life- Scenarios with full lesson plans: Mental Health, Adult Medical Surgical, Maternal Newborn and Nursing Care of Children.

<https://atireallife.com/scenarios/>

Nurse's Touch- Video simulations and virtual human simulations cover's many topics to help students develop their communication and leadership skills.

<http://www.atinursestouch.com/video.html>

Health Assess- Overview of health assessment is demonstrated, students move through body system modules, and then practice on virtual humans while charting using our embedded EHR.

<https://vimeo.com/user6818717/review/318607450/0a641c2066>

Faculty Participate in Externship with Family Nursing Experts

The Glen Taylor Nursing Institute for Family and Society was able to support the participation of Dr. Pat Beierwaltes and Dr. Rhonda Cornell in the Family Nursing externship with Dr. Janice Bell and Dr. Lorraine Wright. The Advanced Practice Models for Caring for Families was a 4-day workshop in Iceland in October 2018. SON faculty engaged with family experts who offered their specific knowledge, research and clinical skills to enhance the important work of caring for families through direct clinical practice, education, and/or research. Healthcare systems in Iceland are global leaders in clinical practice with families. As our graduate faculty continue to specialize in Family Nursing, they gain advanced practice knowledge and skills to guide doctoral nursing students practicing with families experiencing complex illnesses and provide clinical leadership for nursing and health care.



40 Healthcare Professionals from Iceland, Denmark, Sweden and USA attend Externship in Iceland



Pat Beierwaltes, Rhonda Cornell, Janice Bell, Lorraine Wright

Workforce Training Education

Creating partnerships that support the health of families and society continued to be a central purpose for the Glen Taylor Nursing Institute for Family and Society. This year workforce training initiatives were increased and expanded in order to address the Institute's purpose in translating knowledge to change practice. Approximately 46 trainings were provided to more than 5 regional partners in 2018-2019. These workforce training initiatives included a variety of learning experiences that advanced nursing practice (see Table below for health care system trainings). In addition to a quality environment and simulation, these workforce trainings enable the Institute to influence learning experiences by providing family actors that offer nurses the opportunity to work with family members and expand their usual training. For example, the Acknowledge, Introduce, Duration, Explanation, and Thank You (AIDET) training now includes a family member so that health care professionals from Mayo Clinic Health System in Mankato reflect on their inclusion of family members. Furthermore, a Basic Life Support training now includes a module focused on family presence during life support measures. This module was developed from current evidence by Tiffany Gordon, Coordinator for Workforce Professional Development and collaborators. When opportunities emerge, the Institute Director and coordinator continue to inform simulation learning and workforce training initiatives.

Workforce Training Initiatives

| FY19 | Training Description | Healthcare & Academic Systems |
|-----------|--|---------------------------------|
| Jul-18 | Fundamentals of Critical Care Support | Mayo - SW Region |
| August | Dementia & Hospice | Ecumen |
| September | Mayo OB & Neonatal Resuscitation | Mayo - SW Region |
| October | AIDET (Acknowledge, Introduce, Duration, Explanation, Thank You) | Mayo - SW Region |
| November | BLS Training | MSU, Mankato |
| | BLS Training | MSU, Mankato |
| December | OB TeamSTEPPS (Safety and Communication Method adopted by Mayo) | Mayo - SW Region |
| Jan-19 | BLS Training- Mankato | MSU, Mankato |
| | CPR Training | Gentle Touch Health Initiatives |
| February | BLS Training- Mankato | MSU, Mankato |
| | Workplace Violence De-escalation Training | Mankato Clinic |
| March | ACLS | Mankato Clinic |
| April | CPR Training | Gentle Touch Health Initiatives |
| | BLS Training- Mankato (4/10/19) | MSU, Mankato |
| | CPR Training | Gentle Touch Health Initiatives |

| | | |
|-------------|----------------------------------|---|
| May | BLS Training- Edina | MSU, Mankato |
| | Simulations with Senior Students | Gustavus |
| | Hospice Simulations | Ecumen staff was in-person and at remote sites throughout the state |
| June | Advanced Dementia Simulations | Gentle Touch Health Initiatives |

Training Initiative Brings Visibility to Minnesota State University, Mankato and Transforms Care

Ecumen and Minnesota State University formed a collaboration to support care for seniors. This collaboration was recognized at *LeadingAge Minnesota*, the largest association of organizations serving Minnesota seniors with a mission to transform and enhance the experience of aging. Their membership encompasses more than 1,000 organizations serving nearly 70,000 seniors every day in all the places they call home, including adult day, independent senior housing, assisted living communities, in-home services and skilled nursing facilities. A recent training with Ecumen was also highlighted in the University news section (see News section August, 2018 below from LeadingAge Minnesota).

Minnesota State Mankato and Ecumen Team Up to Enhance Nursing Care for Minnesota Seniors

On August 7, 2018 by [Jodi Boyne](#)

Minnesota State University, Mankato and Ecumen are teaming up to help address the state’s acute shortage of nurses working in long-term geriatric care.

Nursing faculty from across the state will gather in Mankato this week for a grant-funded pilot workshop designed to help educators refresh their knowledge and skills in senior care and bring current best practices in geriatrics into their classrooms and clinical settings.

“Minnesota’s population is aging rapidly, and future nurses will be increasingly called on to meet the complex needs of older patients in both hospital and long-term care settings,” said Lynn Kuechle, Coordinator of the Glen Taylor Nursing Institute at Minnesota State Mankato. “The goal of this workshop is to work directly with faculty in shaping the future of senior care – which starts in the classroom.”

For the past four years, Ecumen has been collaborating with the Minnesota State system on its Ecumen Scholars program that offers fellowships, internships and clinical rotations at Ecumen sites to nursing students interested in senior care, especially in rural Minnesota.

“As we worked with nursing students and faculty, we learned that faculty have a strong interest in enhancing both training and interest in senior care,” said Brett Anderson, Ecumen Vice President of Nursing Services. “Minnesota State Mankato’s School of Nursing is a leader in educating nurses in elder care and family care, and we’re very pleased to be partnering with them to meet this need and help improve the quality and accessibility of care for Minnesota’s seniors.”

The sessions will be held at Ecumen Pathstone Living in Mankato and at the Minnesota State Mankato’s Maverick Family Nursing Simulation Center. Topics include enhancing clinical skills, improving quality in long-term care, and promoting critical thinking. A day of training at the Simulation Center will focus on the difference between dementia and delirium as well as end of life, hospice and palliative care. (<https://www.leadingagemn.org/news/minnesota-state-mankato-and-ecumen-team-up-to-enhance-nursing-care-for-minn/>)

Advancing Simulation Education



Patient Actors Cindy Olson, Timothy Berry and Jim Siatsis in the Home Simulation Suite

Education in the Maverick Family Nursing Simulation Center has continued to grow and advance this year. The Institute continues to offer guidance and support for the use of standardized patients who are trained actors from the community. With their expertise, these actors portray a patient with a specific condition and family members who behave in a realistic, standardized, and repeatable way. Standardized patients and their families are being used for teaching and assessment of learners in simulated clinical environments where students can practice their assessments and communication skills with both the patient and the family members. These actors provide constructive feedback to learners from the unique perspective of the patient and family members. This educational approach has been useful for students at all levels and workforce staff within multiple health disciplines. A student's reflection on being part of simulations with standardized patients is included in this highlight video made by student workers in the office of Continuing Education. This video has also been included in the 2019 Homecoming event invitation sent to all alumni.

<https://www.youtube.com/watch?v=X4cEYh1f1B8&feature=youtu.be>

Developing Online Education with a Family Focus

The Glen Taylor Nursing Institute for Family and Society was able to complete an end of life online course for Monarch Health Management. This initiative began more than two years ago with Taylor Advisory Council Member and Taylor Visiting Scholar, Dr. Sharon Denham and representatives from health care systems who are committed to advancing family nursing practice at end of life care. The consultant Dr. Sharon Denham, Institute Director and coordinator contributed to the course. Enrollment will begin when a plan for staffing is established by Monarch. The curriculum for this *Family Nursing: End - of - Life Care Course* includes four modules with continuing education units (CEUs) that total of 27 hours. The four modules are:

- Individual and Family Care at the End of Life
- Managing Care at the End - of - Life
- Palliative and Hospice Care: Managing Loss and Grief
- Legal and Ethical Considerations at the End of Life

Future goals for the Institute include offering a certificate program with a family focus. This course will be one of several courses leading to an accredited certification.

Engaging Retired Faculty and Alumni in Mission and Vision

A purpose of the Glen Taylor Nursing Institute for Family and Society is to nurture an intellectual community of scholars focused on education, practice and research to improve family and societal health. In addition to faculty currently teaching at Minnesota State University, Mankato the Taylor Institute worked throughout this year to reengage retired faculty and alumni in our mission and direction. Multiple prior faculty have been instrumental in supporting the SON directions. For example, launching a graduate program and expanding to the metropolitan area has created opportunities for students and faculty. One of the opportunities in the metropolitan area is the *Health Commons at Pond*, a nurse-managed school-based health center with a care model that bridges the school setting, family, and the community developed by the SON. The Institute created opportunities to reengage prior faculty and alumni by inviting them on a bus tour to the Edina classrooms, Health commons at Pond, and Maverick Family Nursing Simulation Center. These faculty and alumni learned about current accomplishments and initiatives with several faculty now working closely with the Institute to plan annual events. A goal of this group is to continue engaging faculty and alumni and renew the commitment to the SON and Minnesota State University, Mankato.



Emeriti Faculty Tour and Visit School of Nursing Faculty to Learn about Recent Initiatives

Taylor Visiting Scholar Highlights

The Glen Taylor Nursing Institute for Family and Society supported a Taylor Visiting Scholar's presence at Minnesota State University, Mankato on September 27 and 28, 2018. Taylor Advisory Board member, Dr. Kathy Knafl served as the Taylor Visiting Scholar.



Kathleen (Kathy) Knafl, PhD, FAAN is the Frances Hill Fox Distinguished Professor at the School of Nursing, University of North Carolina at Chapel Hill. Dr. Knafl's research addresses family response childhood chronic conditions. With funding from three National Institutes of Health (NIH) grants, she led the development of the Family Management Style Framework, including development of a structured measure of family management (Family Management Measure – FaMM). Recently she completed a large-scale research synthesis study of the intersection of family life and childhood chronic illness. She currently is a co-investigator on two studies, one addressing parenting a child with a life-threatening illness and the other examining patients' and caregivers' perceptions of participation in cancer clinical trials. Dr. Knafl has served as a consultant on multiple NIH

grants, most often providing guidance of data collection and analysis in family studies. She is on the editorial boards of the Journal of Family Nursing and Research in Nursing & Health. Dr. Knaf's expertise and publications related to literature reviews and family research can support the scholarship of students and faculty.



Taylor Visiting Scholar Addresses Alumni about Creating a Legacy at MSU



Alumni Panel Sharing their Family and Community Nursing Experiences

Faculty, Alumni and Student Events with Taylor Visiting Scholar

On September 27, 2018 an alumni and student event with a keynote address by Taylor Visiting Scholar, Dr. Kathy Knaf was held on the Mankato campus. Her presentation “The Origins and Advance of Family Nursing Scholarship” recognized the 65th anniversary of the School of Nursing and honored the multiple contributions of the SON and Minnesota State University, Mankato. The Institute worked collaboratively with other SON faculty to plan events and forums that engaged students, alumni, and faculty. On September 28th Dr. Knaf provided presentations to the graduate and doctoral students: “Practical Tips and Useful Resources for Conducting Synthesis Research” and “Self and Family Management Frameworks” Students and faculty also had the opportunity to consult with Dr. Knaf related to their research. The itinerary aligned with the mission of the institute to create an intellectual community and advance education and research in the SON.

September 27th

Student and Faculty Event: Ostrander Auditorium Minnesota State University Mankato

3:00 – 3:15 - Welcome Students and Faculty and Taylor Visiting Scholar- Dean Retherford

3:15 – 4:00 –Dr. Kathy Knaf: The Origins and Advance of Family Nursing – Scholarship: A presentation honoring the 65th anniversary of the School of Nursing,

Alumni and Faculty Event: Centennial Student Union: Minnesota State University, Mankato
4:00 – 5:00 – Student/Faculty poster presentations with Light Refreshments
5:00 – 5:15 – Welcome and Introductions-MSU Administration
5:15 – 5:30 – Dr. Kathy Knafl – Your Legacy of Scholarship in Practice, Education, and Research
5:30– 6:15 – Alumni Panel - Sarah Stoddard, Sandra Eggenberger, Brett Anderson, Mary Huntley, Megan Matthews
Moderator: Kristen Anderson
6:15 – 6:30 – Recommitment to Scholarship and Family Nursing Education and Research-
Pinning of attendees with a commitment to continue to grow their nursing knowledge and to have an impact on patients and families.
6:30-6:50 Visual History Reflection
6:50-7:00- Closing Remarks and Welcome to Networking- Tricia Young Chairperson
7:00-8:00 Networking and Class Photos by Decades- Social Hour and Appetizers

September 28th

7700 France Avenue and Hibbing Telepresence

Taylor Visiting Scholar Presentation to Graduate and DNP Students

11:15 – 11:30 Introduction of Dr. Kathy Knafl – Sandra Eggenberger

11:30-12:15 Dr. Kathy Knafl-Practical Tips and Useful Resources for Conducting Synthesis Research

12:15-1:00 Dr. Kathy Knafl- Self and Family Management Frameworks

Practice Highlights

The Glen Taylor Nursing Institute for Family and Society in collaboration with the School of Nursing (SON), the College of Allied Health and Nursing at Minnesota State University Mankato has partnered with Bloomington Schools to provide a school-based health center that aligns with our mission and provides a unique health care system for our students to practice. Through this partnership faculty now work with students in our own practice space and address the concerns of under-served families while meeting nursing and interprofessional students' needs for clinical learning experiences.

The Health Commons at Pond *Caring to the Bloomington School Community*



Throughout this year, the Institute continued to support the growth and development of Health Commons at Pond. This nurse-managed school-based health center with a care model that bridges the school setting, family, and the community has been developed by the SON at Minnesota State University, Mankato (MSU). The nursing practice model implemented at Health Commons at Pond shows promise in directing care toward child and family health while focusing on health disparities and challenges linked to the community. The Health Commons at Pond Mission is to partner with students, families, and communities in the promotion of health and wellness through engagement in clinical practice, education, and research. A report given to the Advisory Committee that gathered on May 29th, 2019 reported:

Opportunities for Students:

Undergraduate

- Clinic specific projects
- Health promotion projects or activities
- Assist with immunizations and physicals

Graduate

- Clinical site
- DNP projects
- Health education projects
- Family interviews
- Family Interventions
- Community Programs

Student Engagement Numbers:

Fall 2018

- 5 PLP nursing students had pediatric clinical experiences at site
- 4 PLP students participated in community engagement
- 1 FNP student provided sports physicals
- 1 graduate nurse educator students proposed an evidence-based project addressing mental health issues in schools.

Spring 2019

- 1 PLP nursing student assisted with intake, VS, screening during sports physical clinic
- 1 RN to BSN student completed immunization project
- 3 FNP students provided sports physicals
- 1 FNP student used HCAP for Pediatric clinical hours

(While these numbers are small, the potential is evident and a consistent pattern exists.)

Other Statistics related to Education and Practice

| | | |
|----------------------|--------------------------|------------|
| Student hours | | |
| | Undergrad | 68 |
| | Graduate | 40 |
| | Student volunteer | 24 |
| | TOTAL | 132 |
| Faculty | Off Site | 25 |
| | Sports on site | 18 |
| | Pat | 248 |
| | NS, LO, GV | 48 |
| | TOTAL | 339 |

Major outcomes this year include:

- Increased and expanded services
- Extended interprofessional collaborations
- Increased engagement of undergraduate and graduate students in learning experiences
- Collaboration with School Based Health Center Alliance
- Engagement in Alliance of Minnesota 3rd Annual State summit.

- Advisory Board meeting in June 2019
- Engaging alumni and faculty in the mission of Health Commons at Pond
- Delineation of Dr. Patricia Beierwaltes as Clinical Coordinator with additional Faculty Engagement

Additional Practice Statistics

| Month | Census | Sports Physicals | Immunization | Both | Illness | Evaluation |
|---|------------|------------------|--------------|------|---------|------------|
| July | 21 | 20 | 1 | | | |
| August | 37 | 35 | 1 | 1 | | |
| September | 31 | 6 | 20 | | 5 | |
| October | 23 | 8 | 10 | | 4 | 1 |
| November | 35 | 24 | 6 | | 5 | |
| December | 8 | | 4 | | 3 | 1 |
| January | 24 | | 16 | | 7 | 1 |
| February | 14 | 5 | 6 | | 2 | 1 |
| March | 36 | 24 | 5 | | 10 | 1 |
| April | 31 | 11 | 12 | 1 | 6 | 1 |
| Total | 260 | | | | | |
| Off site | | | | | | |
| Jump Start to School August 8th | 22 | | | | | |
| Olson 8/30/2018 | 22 | | | | | |
| Valley View 8/30/2018 | 14 | | | | | |
| Oak Grove 10/25/2018 | 12 | | | | | |
| Offsite Total | 70 | | | | | |
| Total of Pond and Offsite visits | 330 | | | | | |

Strategies to Increase Utilization

- Data collection
 - Peak times
 - Which schools are referring
 - How do they hear about us
 - Why did they come to clinic
- Consent for treatment
- Add freezer so we can offer varicella vaccine
- Offer “Immunization Station for Early Childhood”
- Continue student involvement with more community outreach and education
- Apply for grant funding for STI testing

- Increase awareness of services
- Update hours of service to Monday and Wednesday, 2-6pm.
- Apply for Asthma – Friendly School mini-grant
- Begin services delivered by Communication Sciences and Disorders

Health Commons at Pond collaboration with School Based Health Center (SBHC) Alliance of Minnesota

Health Commons at Pond has created a strong relationship with the School Based Health Center Alliance of Minnesota. Representatives for 26 clinics and 6 different school districts attended the Alliance of Minnesota 3rd Annual State Summit at Minnesota State University Mankato at Edina in January 2019. The summit included a Keynote presentation by Dr. Nimi Singh, University of Minnesota Department of Pediatrics on the importance of sleep and adolescent development followed by a discussion on how this can impact the work of School Based Health Centers.



Participants heard from speakers and each of the school-based health centers prepared a poster display from each SBHC site to share with Alliance members.

National Association of Free and Charitable Clinics



Health Commons at Pond is a member of NAFC, one of the 1,200 Free Health Clinics who are serving the working poor and uninsured of America. These clinics utilized volunteers and donations to provide health care to those who had no access to care. Membership in this organization provides access to our Electronic Health Record – Practice Fusion.

<https://www.nafcclinics.org/content/nafc-history>

Practice Partnerships

Goals of the Institute include creating partnerships than influence the health of families and society. The Institute collaborates with healthcare systems to influence nursing practice, educational systems to advance education, and organizations that share our mutual goals. Collaborations at the regional and global level supported the mission and vision of the Glen Taylor Nursing Institute for Family and Society.

Hennepin Healthcare



A regional partnership between a School of Nursing and a Hennepin Healthcare presented an opportunity to address practice concerns related to family nursing and improve patient/family satisfaction with care through the engagement of nurses and implementation of scholarship at the bedside. An academic-practice partnership developed an educational intervention with the goal of initiating practice changes to support families and nurses during acute illness. Evaluations suggest that engaging nurses in educational interventions encourages reflection has potential to increase the application of evidence-based family knowledge into practice. Outcomes suggest discussion of nurse-family stories during acute illness encourage practice change. Nurses developed multiple nursing interventions focused on family nursing practice. An online module to orient new nurses to the units now include stories focused on families and nurses. New faculty orientation also addresses family competencies at this time. Plans are underway to move to additional units with same methodology.

Health & Biomedical Summit

At the 2019 Health & Biomedical Summit held on the Mankato Campus on March 26th, 2019 the Institute director shared multiple examples of community based collaborative community-based action research in a session entitled “*Healthcare Innovations Emerge through Participatory Action Research and Academic-Practice Partnerships*”. In this breakout session, Sandra discussed the potential for participatory action research to inform healthcare. The session examined research, education, practice opportunities that emerge with academic - practice partnerships and explore the impact of family and community innovations on healthcare and health outcomes.

Community Partnerships

Madelia Community Based Collaborative



After more than nine year the Madelia Community Based Collaborative project guided by Dr. Kelly Krumwiede and practice partners continues to be a model for community partnerships. The vision, mission, goals and strategic directions continue to align with the strategic plan of the Taylor Institute.

Madelia Community Based Collaborative oversees the monthly Fare for All events in Madelia The Healthy Bodies Healthy Minds task force engages in healthy living education and activities every summer during Madelia Park Days, fall during Younger Brother Event, and fall during Madelia Elementary School Parent-Teacher Conferences. Every spring, Madelia Community Based Collaborative holds an annual poster contests for 3rd and 4th graders in the public and private schools, the topics have been as followed: Rethink Your Drink (x 2 years), Recharge Yourself: Eat, Move, Sleep, and Refill Your Bucket: Be Kind to Others and Yourself. This spring the topic was focused on Oh the Things You Can Do. The Madelia Community Based Collaborative Mental Health task force continues to provide Mental Health First Aid Training and Mental Health Monday Community Forums. Mental Health Mondays are held at the Madelia Secondary School. Additional information can be found on their Facebook page: Madelia Community Based Collaborative.

ACT on Alzheimer’s Community Project

Fall Engagement

The fall EngAGEMENT event was held November 3rd, 2018 in Mankato. This event was designed specifically for community members living with Alzheimer’s disease or other associated dementias (AD/OAD), along with their care partners to come and engage in meaning-making activities. Kim Alinder, Campus Administrator of the Birchwood Cottages, a memory care home, spoke to the group about dementia-friendly holidays, providing practical tips and ideas for safe and enjoyable activities families could take part in together. Another important aspect of this event was to engage students across disciplines to develop the event each semester and to volunteering together, for the success of the event. The planning group, comprised of Kristen Abbott-Anderson (School of Nursing); Sheen Chiou (Speech, Hearing, and Rehabilitation Services); and Brooke Burke (Recreation Parks & Leisure) is already making plans for the spring EngAGEMENT event for 2019.

Garden Engagement

Faculty members Kristen Abbott-Anderson (SON) Sheen Chiou (Communication Sciences and Disorders); and Brooke Burk (Recreation, Parks & Leisure), together with the Living Earth Center, and ACT on Alzheimer's established a dementia-friendly garden this summer. The garden, located on the hill at Good Counsel, is designed to be a place for individuals living with Alzheimer's disease or other dementias along with their friends and loved ones to plant, maintain, and grow a garden. Wide pathways, adapted garden tools, and plenty of seating create a safe space for participants to garden. Weekly programming is planned, but participants may visit the garden at any time together with their loved ones. The program is supported by 24 volunteers consisting of students from each of the programs. In June, children participating in the Camp Maverick Program are joining the gardeners, working together in the garden. The program will continue into the fall, ending with an end of season celebration.



Interprofessional Collaboration between College of Allied Health and Nursing Departments

Henry Street Consortium

The vision of the Henry Street consortium is to build a quality population-based public health nursing workforce to meet the needs of public health practice in the 21st century. With a mission to maintain a dynamic sustainable partnership between public health nursing education and practice to respond to needs for innovation and change in baccalaureate nursing education. The goals include:

- Ensure the continuation of the Henry Street Consortium as a viable, flexible, and sustainable partnership between public health nursing and education and practice.
- Create teaching-learning strategies to promote achievement of entry-level population-based PHN competencies for students and novice PHN staff.

<http://www.henrystreetconsortium.org>

The Glen Taylor Nursing Institute was a sponsor for the Henry Street Consortium Conference, *Leading the Way: Partnering Education and Practice for the Emerging Public Health Nursing Workforce* in October, 2018. SON faculty had a significant role in the Henry Street Consortium with Dr. Kelly Krumwiede as a planner and presenter. A presentation *Academic-Critical Access Hospital Partnership: Conducting a Community Health Needs Assessment* by Dr. Kelly Krumwiede and Dr. Norma Krumwiede highlighted the partnership model developed with SON and the Glen Taylor Nursing Institute for Family and Society.



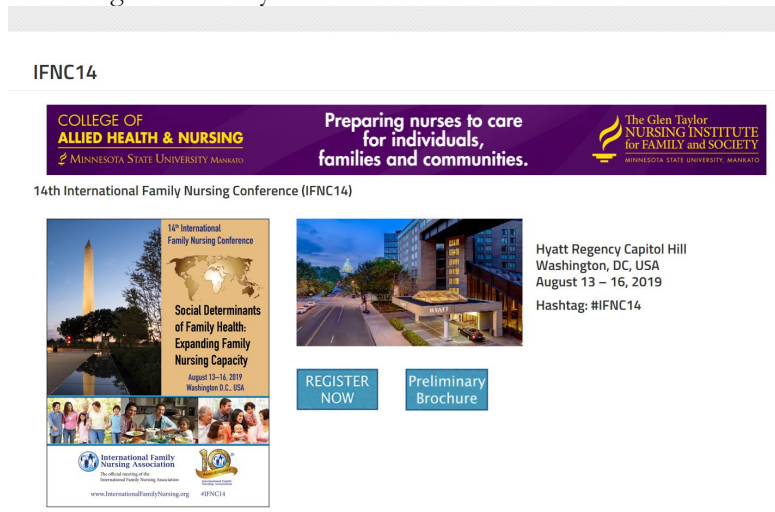
Keynote "Partner for Impact" with Dr. Susan Zahner Stimulates Discussion at Henry Street Consortium Conference

Global Partnership

International Family Nursing Association

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 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 as Secretary and this year serves as principal investigator for a global research study. Through the networks of the IFNA international subcommittee Dr. Sandra Eggenberger, formed a research team this year that includes 10 researchers from 10 countries who have academic and practice partnerships.

The College of Allied Health and Nursing and the Glen Taylor Nursing Institute for Family and Society partnered to become a Gold Sponsor of IFNC14. Sponsorship included multiple avenues for increasing our visibility in IFNA and conference attendance.



The image shows a promotional banner for the 14th International Family Nursing Conference (IFNC14). The banner is purple and white, featuring the logos of the College of Allied Health & Nursing at Minnesota State University Mankato and The Glen Taylor Nursing Institute for Family and Society. The text on the banner reads: "COLLEGE OF ALLIED HEALTH & NURSING MINNESOTA STATE UNIVERSITY MANKATO" and "Preparing nurses to care for individuals, families and communities." Below the banner is a poster for the conference, which includes the title "14th International Family Nursing Conference", the theme "Social Determinants of Family Health: Expanding Family Nursing Capacity", the dates "August 13-16, 2019", and the location "Washington D.C., USA". The poster also features a "REGISTER NOW" button and a "Preliminary Brochure" link. To the right of the poster, the text reads: "Hyatt Regency Capitol Hill Washington, DC, USA August 13 - 16, 2019 Hashtag: #IFNC14".

The IFNC14 Conference Planning Committee promises this conference to be exciting given the quality contributions that members of the International Family Nursing Association are making around the world. IFNC14 attendees will have the opportunity to build knowledge about family-related issues and examine family health policy with an international lens.

Research Highlights

Engagement of faculty, students, and colleagues in research and dissemination remains central to the Glen Taylor Nursing Institute for Family and Society. A purpose of the Institute is to form partnerships and engage scholars in developing knowledge to support the health of families and

society. Multiple research studies and methodologies are being conducted by several faculty in the School of Nursing that demonstrate this community of scholars' efforts to embrace this vision. The following are not a complete list, but a few selected programs.

Global Research

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

Through the networks of the IFNA international subcommittee Dr. Sandra Eggenberger established a global research team. She is the principal investigator for a study focused on family engagement during critical illness in 10 global settings. Data is currently being collected and analyzed in acute health care systems through academic and practice partners. Dr. Sandra Eggenberger collaborates with co-chairs from Switzerland, Dr. Rahel Naef and South Africa, Dr. Petra Brysiewicz who work closely with academic and practice.

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
Dr. Stacey Van Gelderen, Dr. Marilyn Swan and Ms. Ashley Engebretson tested the modified Van Gelderen Family Care Rubric for validity and inter-rater reliability at four international sites and for the first time with practicing nurses, students, and researchers from a peer-review perspective. A total of seven researchers and 210 practicing nurses and students tested the rubric during the summer and fall of 2018. The rubric's aim is to assist nursing staff and students build family-care and communication skills and offer focused feedback during debrief following simulation. The rubric was found to be a reliable and valid tool in assisting educators in development of student and nursing staff's family-care and communication skills. The completed research manuscript has been accepted for publication to the premier *Clinical Simulation in Nursing Journal*. This research was supported and funded by the Glen Taylor Nursing Institute for Family and Society.

Angela Hancock, Jo Cookson & Stacey Van Gelderen; Vicky as 'Mama Natalie'

Regional Research in Acute Care Setting

An Educational Intervention to Influence Family Nursing Practice in an Adult Patient Hospital Setting

An interprofessional team that includes David Clisbee the College of Science and Technology, Patricia Beierwaltes and Sandra Eggenberger from the School of Nursing formed a research team to examine storytelling methodology as a translational strategy in the adult hospital setting. A research design included quantitative and qualitative measurement before and after an educational

intervention. Education included stories, empirical evidence and nurse participants developing practice changes focused on families. Nurse participants (n=160) in the educational intervention reported positive responses to the education, stories and reflection. Comparing pretest and posttest results of the Family Nurse Practice Scale (FNPS), nurses consistently reported positive change. Family members reported improved perceptions of support on the Iceland Perceived Family Support Scale (ICE-FPSQ). Qualitative analysis showed digital storytelling's power to evoke reflection and promote family interventions. Findings affirmed that engaging nurses in educational interventions that encourage reflection and discussion through stories have potential to increase the application of family knowledge into practice. This research is being disseminated in multiple venues.

Faculty and School of Nursing Alumnus Launch Research

School Nurses' Experiences Working with Transgender and Gender Diverse Students.

School of Nursing faculty, Tammy Neiman, PhD, RN and SON alumnus Laurie A. Sieve DNP, RN, PHN, CNE of St. Catherine University launched a research study with support from the Glen Taylor Nursing Institute for Family and Society. This study may be the first alumni- faculty research supported by the Institute. A brief summary below describes their work that will be presented at the upcoming International Family Nursing Conference.

Transgender and gender diverse adolescents experience an excess burden of stress throughout their primary school years. Transgender and gender diverse youth report elevated levels of victimization, suicide involvement, substance use and high-risk sexual behaviors compared to cisgender peers. An important factor to students' feelings of safety and supported in their schools may be their relationship with the school nurse. From a school nurses' perspective, fostering a relationship with transgender and gender diverse students can be affected by a variety of factors, including training, past experiences, and personal biases. The purpose of this study is to describe school nurses' experiences working with transgender and gender diverse students, including interactions with parents/guardians. Semi-structured interviews are being conducted in order to develop helpful methods of intervention for overall positive adolescent school experiences.

Engaging Older Adults with Alzheimer's Disease in Exercise: Impact on Caregivers for funding through the Glen Taylor Nursing

Dr. Tai Simms continues her research, FIT-Caregiver Study is an ancillary study of the randomized control trial titled Aerobic Exercise in Alzheimer's disease: Cognition and Hippocampal Volume Effects (The FIT-AD Trial) that investigates the effects of a 6-month cycling intervention on cognition and hippocampal volume in community-dwelling older adults with Alzheimer's disease (AD). The purpose of this mixed methods ancillary FIT-Caregiver study is to examine the effects of the FIT-AD Trial on its participants' caregivers, with attention to the caregiver outcomes of burden, emotional well-being, and physical health. Each caregiver was followed for one year, with data collection time points at baseline, 3, 6, 9, and 12 months. At each data collection time point participants complete 7 questionnaires, and at the 6 and 9 month time points a semi-structured interview. Twenty-five participants were enrolled and completed all data collection points. Currently, the study is in the data entry and analysis phase. The funding provided by the Glen Taylor Institute provided gift card incentives for study participants, and transcription services for interview data.

Research 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 a few selected presentations and publications that present the various disciplinary conferences and diverse faculty research agendas that align with the mission.

Publications

Abbott-Anderson, Young, P. K., & Eggenberger, S. K. (2019). Adjusting to sex and intimacy: Gynecological cancer survivors share about their partners relationships. *Journal of Women and Aging*. <https://doi.org/10.1080/089>

Clisbee, D., Beierwaltes, P., & Eggenberger, S. K. (Accepted). Reducing Digital Storytelling Implementation Barriers in Nursing Education Workshops. *The Journal of Continuing Education in Nursing*.

Meiers, S. J., Eggenberger, S. K., & Krumwiede, N. K. (2018). Model-Guided, family-focused, learner-centered undergraduate nursing curriculum: Development and implementation. *Journal of Family Nursing*, 24(3), 307-344.

Meiers, S. J., Eggenberger, S. K., & Krumwiede, N. K. (Accepted). Measuring family processes of integration in chronic illness: Preliminary validity and reliability of the family integration experience scale-chronic illness (FIES-CI). *Journal of Family Nursing*.

Van Gelderen, S., Engebretson, A., Miller, A., Hancock, A., Ehmke, S., Swan, M., & Garrow, A. (2019). A family-care rubric: Developing family-care and communication skills using simulation, *Clinical Simulation in Nursing* (In press).

Presentations

School of Nursing faculty collaborating with the Institute presented at the annual Engagement Scholarship Consortium titled *Transforming Higher Education through Engaged Scholarship*. The presentations described the benefits and challenges of a partnership between the academic setting and a large, urban teaching hospital and how digital storytelling methods were used to assist with the transfer of family nursing knowledge to practice during an academic-practice partnership.

Beierwaltes, P., Ali, Sara F., Clisbee, D., Minnesota State University, Mankato, Heather, B. Hennepin Healthcare, Eggenberger, S. *An Academic-Practice Partnership Enhances Family Nursing in an Adult Intensive Care Unit Setting*.

Clisbee, D., Eggenberger, S., Beierwaltes, P., Kuechle, L. *Reducing Technical Challenges of the Digital Storytelling Approach during an Academic-Practice Partnership*.

The Institute plans to continue developing collaboration with this consortium. Aligning with the Taylor Institute goals, the purpose of the conference was to promote engagement scholarship specifically through: 1) Promoting education, research and study of the effects of engaged scholarship on community-campus partnerships, and 2) Disseminating research from a wide variety of disciplines on the impact of campus-community partnerships. Minnesota State University, Mankato presentations fit the conference mission of academy and community partnering in order to address the contemporary moment's most pressing problems. Clisbee's presentation on *Reducing Technical Challenges...* was well attended and produced a lively Q & A session. The degree to which technical barriers were reduced at a Level 1 hospital was remarked as noteworthy. Attendees were impressed with Beierwaltes, Clisbee, Eggenberger, and Kuechle's substantial efforts in undertaking a complex, longitudinal project with partners at a Level 1 hospital in Minneapolis. Attendees also mentioned the team's ability to listen, empathize, and co-investigate throughout the project in order to best meet practice partner needs while advancing family nursing practice knowledge with the capacity to create positive change. The screen shot below was posted to Twitter by a session attendee. The team values the opportunity to promote our methods and outcomes into interprofessional.



Student Poster Presentations and Faculty Mentors

The School of Nursing and Glen Taylor Nursing Institute for Family and Society at Minnesota State University Mankato continue to support a scholarly community. In 2018-19 several students guided by their faculty mentors, shared initiatives at various conferences and venues. The Taylor Institute provided various types of support for the projects and dissemination.

29th International Nursing Research Congress

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

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



Midwest Nursing Research Society

Abigail Heintz

Oral contraceptive use among college aged women: Choices, barriers, and perception of family support

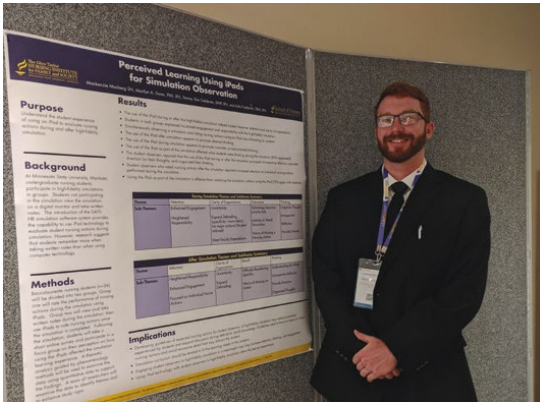
Kristen Abbott-Anderson, PhD, RN

Lindsay Rohlik

A Scoping Review of School-Based Adolescent Suicide Prevention Programs

Sandra Eggenberger, PhD, RN

2nd International Conference on Nursing Science and Practice



Mackenzie Masberg

Perceived Learning using iPads for Simulation Observation Marilyn Swan PhD, RN

Faculty Engage Students in Global Education Collaborations

Minnesota State University Mankato embraces a mission of global citizenship across our diverse campus, community and world. School of Nursing faculty continue to be leaders in global education. Several SON faculty have consistently dedicated time, expertise, and experiences to creating and sustaining global educational opportunities for students. For example, Dr. Hans de Ruiter and Dr. Julie Frederick supported four students from Austria in Minnesota for a six-week experience. They are also currently working on a visit with students from Japan. Dr. Fredrick is planning a cultural immersion experience for Minnesota students in Austria next year. Dr. Laurel Ostrow has collaborated with Liberia Africa and continue to make plans to engage in educational opportunities. Dr. Jehad Adwan is currently exploring educational opportunities in Palestine.



Nursing students from Austria Tour Our Lady of Peace Hospice in Saint Paul, MN

Becky Taylor Fellowship Highlights

Supporting students continues to be central mission of the Glen Taylor Nursing Institute. Multiple students currently focus their graduate education on areas of study aligned the Institute. Providing Becky Taylor Fellowships support Minnesota State University, Mankato Doctor of Nursing Practice students who focus on improving and enhancing family and societal health.

Fellowship Recipient Joins School of Nursing Faculty



In 2018 Leslie Darmofal, APRN, CNS, DNP, a Becky Taylor Fellowship recipient, became an Assistant Professor in School of Nursing Faculty. Joining Dr. Rhonda Cornell and Dr. Laurel Ostrow, Dr. Leslie Darmofal is now the third Becky Taylor Fellow to become a faculty at Minnesota State University, Mankato.

In 2019 Dr. Leslie Darmofal plans to teach adult health theory and clinical courses where students can learn from her clinical and teaching expertise. She will also teach Baccalaureate completion courses that allow her to use her clinical nurse specialist background to guide students as they implement a health care system practice change. As a member of the SON faculty she plans to continue advancing her scholarly agenda in cancer supportive care for cancer survivors and their families. Her current research builds on her prior work at Minnesota State University, Mankato. Phase two of her research includes implementing the Psychological Distress screening tool in health care systems. She is presently involved at Madelia Community Hospital and Clinic trialing and translating the psychological distress tool with plans to implement in the electronic health records. Dr. Darmofal is also engaged in genetic policy development at the international level.

Becky Taylor Scholarships and Fellowships

Becky Taylor Scholarships

In 2018 funds were awarded to students in the Family Nurse Practitioner program and undergraduate students who were involved in dissemination of research with a focus aligned with the mission of the Taylor Institute:

- Angela Mostrom- *Implementation of a Family Health Nurse Advocate*
- Dane Anderson, Bailey Lucas and Jessica O'Brein – Poster presentation - *Perceptions of caring among nursing students participating in life review activity with elders living in the community or in long term care* with Laurel Ostrow RN, DNP

- Mackenzie Masberg – Poster presentation - *Perceived Learning using iPads for Simulation Observation* with Marilyn Swan PhD, RN

Becky Taylor Fellowships

Becky Taylor Funds were awarded in summer and fall of 2018 and spring of 2019. This fellowship funding supports Doctor of Nursing practice education costs in numerous ways. Student recipients reside in various locations and practice in numerous health care systems. Furthermore, the impact of the Becky Taylor Fellowships through students' DNP projects and education brings visibility to Minnesota State University, Mankato and the Taylor Institute in numerous communities and healthcare systems. Two Doctor of Nursing practice students who recently received Becky Taylor Fellowships are also recent graduates of Minnesota State University Mankato Family Nurse practitioner program. The Becky Taylor Fellowship funding to DNP students provides incentive and necessary support while continuing to develop a nursing community focused on family and societal nursing practice. This year's Becky Taylor Fellowship recipients, locations, and main foci follows:

- Marisa Melander- Minnesota State University Mankato Master of Science (MS) graduate
Residence: Twin Cities
- Brittany White- Minnesota State University Mankato MS graduate and DNP graduate
DNP Focus: *Educational Intervention for Bupropion Abuse Prevention*
Residence: Hibbing
- Rochelle Perry- DNP Student
DNP Focus: *Substance Use and Evidenced Based Interventions*
Residence: Mankato
- Carrie Yavarow - Spring DNP graduate
DNP Focus: *Increasing Breastfeeding Education Class Attendance in a Women, Infants, and Children's Clinic*
Residence: Shakopee
- Angela Rickheim - Spring DNP graduate
DNP Focus: *Extracorporeal Life Support for Cardiac Intensive Care Unit Nurses*
Residence: St. Cloud

Doctor of Nursing Practice Graduation

The School of Nursing continues to increase enrollment of highly qualified Doctor of Nursing Practice DNP students. A graduation reception for the DNP students in spring, 2019 included the Taylors, students, families, and faculty mentors. The Institute supported this reception in order to acknowledge the accomplishments of these students, increase the visibility of doctoral education in the SON, and provide Glen and Becky Taylor with the opportunity to meet these students and their families. Glen Taylor provided a message:

<https://www.youtube.com/watch?v=ruNpXRSI1a0&feature=youtu.be>

- **Dr. Temitope Dawodu**
 - *Improving HgbA1c in Type II Adult Diabetic Patients*
 - Guided by Faculty: Dr. Gwen Verchota, Dr. Sue Ellen Bell
- ***Angela Rickheim**
 - *Extracorporeal Life Support for Cardiac Intensive Care Unit Nurses*
 - Guided by Faculty: Dr. Sue Bell, Dr. Rhonda Cornell, Dr. Hans de Ruiter
- **Dr. Kathryn Smith**
 - *Nonpharmacologic Interventions for Chronic Pain in Patients with Severe Mental Illness*
 - Guided by Dr. Sue Bell, Dr. Hans de Ruiter, Dr. Sandra Eggenberger
- ***Dr. Brittany White**
 - *Educational Intervention for Bupropion Abuse Prevention*
 - Guided by Dr. Sue Bell, Dr. Patricia Beierwaltes, Dr. Rhonda Cornell
- ***Dr. Carrie Yavarow**
 - *Increasing Breastfeeding Education Class Attendance in a Women, Infants, and Children's Clinic*
 - Guided by Dr. Sue Bell, Dr. Pat Beierwaltes, Dr. Sandra Eggenberger

*designates Becky Taylor Fellows



Graduates Ready to March in Spring 2019

Left to Right Reception Gathering: Kathryn Smith, Carrie Yvarow, Dr. Sue Ellen Bell, Dr. Sandra Eggenbeger, Becky and Glen Taylor, Brittany White, Angela Rickheim