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## SUPPORTING RESEARCH

*Our overall mission is to raise the research profile at the College of Nursing. This means fostering an environment that is conducive to faculty scholarship and developing the next generation of nursing researchers by helping Ph.D., DNP, and undergraduate students with research and evidence-based projects.*

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## SCHOLARSHIP CELEBRATION

### College of Nursing Scholarship Accomplishments.

College of Nursing students, faculty and staff have wonderful accomplishments to celebrate. We are taking this issue of the newsletter to highlight our scholarship.

#### Grants Submitted and Received.

A number of grants were submitted and received this semester including:

- Dr. Tokac's "Using Partially Observed Markov Decision Processes to Implement a Response to Intervention Framework for Veterans with Post-Traumatic Stress Disorder" for Department of Defense funding.
- Dr. Werner's "Reduce Sexual Assault, Domestic Violence, and Stalking on Campus Program" for Office of Violence Against Women funding.
- Dean Vandermause's "Simulation Center Stage 3" for funding from HRSA.
- Dr. Fish and Dr. Calvert received UMSL Global awards.
- Dr. Calvert and Dr. Bertram received UMSL Research Board awards.

#### Faculty Presentations.

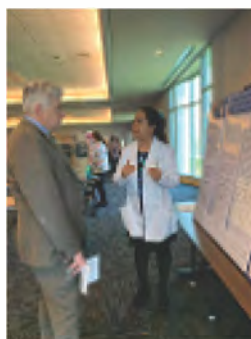
Faculty will be representing UMSLCON at the following conferences:

- Dr. Grigsby and Dean Vandermause will be presenting at the Annual Coalition for Urban and Metropolitan Universities Conference.
- Dr. Tokac will be presenting at the National Summit on Promoting Well-Being and Resilience in Healthcare Professionals.
- Dr. Tonya Haynes will be presenting at the Missouri League of Nursing Conference.
- Dr. Dean-Baar will be presenting at the Association of Rehabilitation Nurses Annual Conference.
- Dr. Thatcher will be presenting at the American Psychiatric Nurses Association Annual Conference.

#### Student Presentation.

Our outstanding students should be recognized as well.

- Michelle Parmentier is second author on a manuscript submitted to the International Journal of STD & AIDS.
- Cami Weber and Ann Thaidom presented at the UMSL Graduate Research Fair. (See photos below)



## WHAT IS NEW ON THE RESEARCH SIDE

Here is a summary of some of the new nursing education related research published in the few months.

Meeting the Need for Clinical Research Nurses. There has been growth in the prevalence and need of Clinical Research Nurses (CRN) in the United States. Despite this need CRN competencies and awareness is not regularly included in undergraduate nursing education. The International Association of Clinical Research Nurses developed and pilot tested an educational lecture module for undergraduate nursing programs. Nursing students exposed to the module responded positively and displayed an increase in knowledge related to caring for research patients. Capili et al. Development and evaluation of a clinical research nursing module for undergraduate nursing schools. *Journal of Research in Nursing* 2022;27(1):68-77.

Including Mindfulness and Resilience in Nursing Education. During online courses students were given resources to manage stress and anxiety and the Teach for America resilience tool. Resources included guided meditation, repeating positive mantras and soothing music. Students responded positively to the information including more than half of students positively mentioning the activities in course evaluations. Meditation and deep breathing were endorsed as the most helpful strategy by 1/3 of participants with other methods receiving less than 20% of student selections. When asked about common stressors students noted school (81%), family (33%) and work (10%). Matthes et al. Nursing students' Covid-19 induced stress: Promoting mindfulness and resilience. *Creative Nurs* 2022;28:109-114.

Measuring Collaboration Between Nurse Faculty Members and Staff Nurses. A survey of nursing faculty members and staff nurses that work with students in clinical nursing settings was completed. Researchers developed the Collaboration in the Clinical Learning Environment instrument to be used in the online survey. 882 surveys were completed. Nursing staff had higher positive agreement rates among items pertaining to communication, feeling mutually respected and valued and being secure in their positions. Staff nurses had higher for clinical education being as important as other education. Both faculty and staff nurses felt that working as partners and supporting partners needed improvement along with balancing power. Hooven K. A national survey of collaboration between nurse faculty members and staff nurses in the clinical learning environment. *Nursing Education Perspectives* 2022;43:158-163.

Nursing Program Administrators Perspectives on the Nurse Faculty Shortage. The shortage of nurse faculty at US nursing programs is well documented. The shortage is only expected to get worse as faculty age and graduate nursing programs are not producing enough new faculty members to cover the loss. Twenty-four administrators from both

community colleges and universities participated in one hour phone interviews. The following themes emerged from the analysis: onboarding and integration, making do and getting by, changing expectations, and the elephant in the room or pay. Administrators noted that current faculty can feel worn out and not integrated within their department or school. Most programs did not have formalized new faculty mentoring programs although all administrators felt mentorship was important for new faculty success. The low initial salary for faculty along with stalled salary increases as careers continue make it hard to recruit faculty. With salaries in clinical practice higher than faculty, nursing programs will continue to struggle to recruit new faculty. Administrators make do by hiring more adjuncts/part-time faculty or having faculty members handling courses outside their specialty. Changing expectations required problem solving. Jarosinski et al. Nurse faculty shortage: voices of nursing program administrators. *Nurs Educ* 2022;47:151-155

Copies of articles can be found at the Research Office teams [site](#).

### College of Nursing Research Office

#### Update

The Research Office would like to wish everyone a fun and also restful summer with friends and family. Just a reminder the Research Office will continue to provide all services over the summer months.

There are a number of research related activities to look forward to in the fall:

- The Office of Research sponsors two research workshops per semester. Experts in research and scholarship related areas join us to provide important information for students and faculty to utilize in the future. For next fall we are looking at bringing in experts to talk about the strategic goals of the National Institute on Nursing.
- Monthly informal brown bag meetings in which faculty are invited to schedule times to discuss any scholarship related work. This is a great chance to get feedback from peers on new research ideas, manuscripts or grant application.
- The College of Nursing Annual Research Day (including the McIntosh-Durham Lecture) is scheduled for November. Sponsored by the Scholarship, Research and Evidence-based Practice Committee.

Remember to share your academic and scholarly achievements with the Research Office so that we may highlight the accomplishments of the College of Nursing.