

May 2021

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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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FUNDING OPPORTUNITIES

Grants.gov opportunities

Below is a list of newly found grant opportunities published on Grants.gov.

AHRQ Health Services Research Demonstration and Dissemination Grants (R18) are open for applications through September 2022. This grants looks for research applications that improve patient safety, harness data and technology to improve health care quality and patient outcomes, and research to increase accessibility and afford-ability of health care. For more information click [here](#).

RADX-UP - Social, Ethical and Behavioral Implications Research on Disparities in COVID-19 Testing Among Underserved and Vulnerable Population (Clinical Trials Optional). Applications are due July 7th and should address social, ethical, behavioral, structural, and policy factors including structural racism within the public health and health care system. Additional information can be found [here](#).

Innovative Programs to Enhance Research Training (IPERT) funds educational activities that complement and/or enhance the training of a diverse workforce to meet national biomedical research needs. IPERT funds courses for skill development or mentoring activities. More information can be found [here](#).

Transformative Research to Address Health Disparities and Advance Health Equity (Clinical Trial Allowed) calls for applications from collaborative investigative teams or individuals who propose high impact innovative research projects to prevent, reduce, or eliminate health disparities and advance health equity. Additional information can be found [here](#).

Understanding and Addressing the Impact of Structural Racism and Discrimination on Minority Health and Health Disparities (RO1 Clinical Trail Optional) is due August 24th. This research supports observational research to understand the role of structural racism and discrimination in causing and sustaining health disparities and intervention research that addresses structural racism and discrimination in order to improve minority health or reduce health disparities. For more information click [here](#).

College of Nursing Research Office Update

Below are two free opportunities for student and faculty development.

- The Council for the Advancement of Nursing Sciences are offering a webinar on Developing Daily Writing Habits and Increasing Writing Productivity. Nursing faculty from around the country will provide writing tips and answer questions. The webinar is free and can be accessed [here](#).
- The St. Louis Chapter of Graduate Women in Science is hosting an Introduction to Grant Funding and Proposal Writing Workshop. This workshop is free for all graduate students and will be hosted by Senior Grant Writer Marie Kenney. The flyer for this event can be seen [here](#).

Please remember the Research Office is here to help faculty, staff and students with any of their scholarly needs. Please don't hesitate to contact us for assistance with research methods and planning, IRBs, data analysis, manuscript and abstract development and grant development.

WHAT IS NEW ON THE RESEARCH SIDE

Here is a summary of some of the new nursing education related research published in the last month.

[Nursing Students Gain Transcultural Self-Efficacy from Sim.](#) Using a time-series design, nursing students who received an entry-level nursing cultural course were compared with nursing student not receiving an early culture course. The study found that scores on the Jeffreys's Transcultural Self-Efficacy Tool continue to improve over time. Senior nursing students receiving the entry level course scored significantly higher than those not receiving the course. James, et al. Nursing student differences in transcultural self-efficacy by culture curriculum: A longitudinal study. *Journal of Transcultural Nursing* 2021;32:286-294

[Nursing Student's Perceptions of Interprofessional Team Work Improve After Simulation.](#) Students from 5 different disciplines including nursing, participated in an interprofessional critical care simulation developed with simulation experts and faculty from the different disciplines. A pre and post test designed utilized the Student Perceptions of Interprofessional Clinical Education-Revised tool. The interprofessional sim was effective in improving participants' perceptions of roles and responsibilities of the different critical team members. Davis et al. Health care professional students' perception of teamwork and roles after an interprofessional critical care simulation. *Dimensions of Critical Care Nursing* 2021;40:174-185

[Factors Related to Delayed Completion of an RN-BSN Program.](#) Data was collected using semi-structured interviews and analyzed using thematic content analysis. Institutional, student and faculty related factors contributed to delayed completion. Student related factors included financial constraints, competing responsibilities such as work and family, poor student habits including time management, and technology challenges. Institutional factors included lack of available supports, disregard for prior learning and lack of incentives for advancements. While programs had supports in place students may not have know how to access those supports or those supports were tailored to traditional students. Faculty related factors included faculty feedback, faculty support and flexibility and poor communication. Students found it hard to progress when they felt that faculty members didn't care about them, didn't respond to their questions, and lacked clear expectations. Iheduru-Andreson, K. Students' perspectives of factors related to delayed completion of online RN-BSN programs. *BMC Nursing* 2021;20:53.

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

CON SCHOLARSHIP SPOTLIGHT

The College of Nursing received two of the 18 UMSL research awards during the most recent funding cycle. Congratulations:

- Dr. April Sun for "Technology-based support for the transition to a cancer survivor with lymphedema."
- Dr. Anne Thatcher for "Implementation of the new PMHNP curriculum and the use of virtual standardized patient simulations."

The Scholarship, Research and Evidence-Based Practice Committee has selected the following students to represent UMSL Nursing for Raising Stars of Research and Scholarship at Sigma's upcoming conference.

- Michelle Parmentier and co-authors Calvert, Bitter and Pauley "Undiagnosed Hepatitis C burden in pregnant Saint Louis County women."
- Anita Reger "Algorithm testing with the Omaha System data for older adults with heart failure."
- Taylor Tusinski "The Cerebral Palsy population and barriers to healthcare: Review of literature."

Other presentations from the College of Nursing:

Dr. Shawne Manies' poster "How do student nurses of English Language Learners Populations Experience NCLEX-RN Style Questions?" was accepted for the upcoming Nuts & Bolts for Nurse Educators, Nurse Time

Fan Li, Chunyun Gu, Yanqun Hu, Roxanne Vandermause, Anne F. Fish, Zehui Zhou, Xiaodan Yuan, Qianqian Zhou, Junya Zhu, Qingqin Lou. (2021, May). Experiences of Health Care Providers Who Volunteered to Work in Hubei Province to Fight COVID-19. Podium presentation at Seventeenth International Congress of Qualitative Inquiry, Champaign, IL, USA

Senior Abigail Rothweiler presented her work "Addressing the need for regular mental health screening in foster care youth" at the 2021 UMSL Undergraduate Research Symposium

Congratulations to the following undergraduates for their participation in Undergraduate Research Day at the Capital.

- Kairah Jones, Abigail Anderson, Brooklyn Moseley, & Laura Ebers, "Chlorhexidine Gluconate Bathing & Its Effect on Central Line-Associated Bloodstream Infections"
- Bridget Sheridan, Elise Elking, Emma Stevenson, Isabella Kudanovych, "The Interprofessional Management of Concussions in the School Setting"