

RESEARCH OFFICE NEWSLETTER

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CONTENT

FUNDING

RESEARCH OFFICE UPDATES

SCHOLARSHIP
SPOTLIGHT

NEW RESEARCH

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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FUNDING OPPORTUNITIES

Upcoming Funding Opportunities

2021 is right around the corner. Here are a few funding opportunities that will be due in the new year.

The National League of Nursing Research's Nursing Education Grants focus on research developing the science of nursing education. Research grants are up to \$30,000 and can be in the areas of building a nurse faculty workforce to meet the needs of nursing education, creating partnerships that advance learning and the generation and translation of innovative teaching and learning strategies. Grants are due February 4th. Grant information can be accessed [here](#).

The American Association of Nurse Practitioners grants will open for applications February 10th 2021. AANP provides \$5000 grants for NP or NP students working in primary research, secondary data analysis, patient education, provider education or evidence-based practice and quality improvement. Additional information can be found [here](#).

UMSL Research Awards are designed to strengthen faculty research and creative activities. A significant portion of the funds available for faculty research support is based on F&A cost recovery from externally funded grants and contracts. In order to perpetuate the fund, one purpose of the awards is to support faculty whose competitive position for external funding will be improved by assistance. Awards also are given to help faculty in all disciplines maintain an active research program, even if external funding is difficult to obtain.

Special consideration, particularly for summer research support, is given to junior faculty to assist them in establishing a strong research record. Applications are due February 16 and provide funding between \$1000 and \$12,500. Guidelines for the UMSL research awards can be found [here](#).

Please contact the Research Office for support in applying for any of these opportunities.

College of Nursing Research Office Update

The College of Nursing's first Research Brown Bag was held in November. Moderated by Dr. Anne Fish the hour was engaging and informative. Brown bags will be held during the spring semester. Please sign up to moderate or lead a discussion by clicking [here](#).

Recordings for the two part November Research Workshop focused on surveys, led by Dr. Umit Tokac can now be found in the Research Office's Research Workshops [Teams Site](#). If you are not able to access the site please email Keri and she can help with access.

The next Research Workshops will be held in January and will focus on "I have my Data, Now what?":

- Tuesday January 26th at 10AM will focus on qualitative data and will be lead by Dr. Julie Bertram and Keri.
- Thursday January 28th at 4PM will focus on quantitative data and will be lead by Dr. Kim Werner and Dr. Umit Tokac.

An invite with the zoom link will be distributed closer to the event.

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 Faculty Report High Levels of Self-Efficacy and Satisfaction in Teaching Online Courses.](#) One hundred faculty from 6 colleges of nursing participated in the survey. Satisfaction was measured utilizing the Online Instructor Satisfaction Measure (OISM) and MNESEOT was used to measure online teaching self-efficacy. Overall self-efficacy was high with computer skills and class management being the highest rated and student engagement being the lowest. Moderately high satisfaction was reported with the flexibility, convenience and access to learning tools scale scoring the highest. Lower satisfaction rankings were in student-to-student interaction and institutional support. Hampton D., et al. Self-efficacy and satisfaction with teaching online courses. Nursing Education 2020;45(6):302-306

[Nursing Students Call for More Diversity, Equity and Inclusion \(DEI\) in Simulations.](#) Students via survey reported that simulations during their education were only doing moderately well at addressing DEI. During focus groups students called for greater visibility/frequency, prominence and integration of persons with diverse characteristics and a more sensitive/accurate representation of diverse individuals portrayed in simulations. Almost half of faculty reported a desire for more training in how to integrate DEI into simulations and defining topics related to DEI. Buchanan D, O'Connor M. Integrating diversity, equity and inclusion into a simulation program. Clinical Simulation in Nursing 2020;49:58-65

[Colleges of Nursing Should Provide Resilience Training and Strive for Supportive Academic Environments.](#) Nursing student resilience can lead to a greater sense of belonging, decreased stress, greater flourishing and less academic distress. Depression was linked to poorer academic well-being and researchers recommended screening for depression in students. The study found that resilience can help students to overcome what they perceive as an un-supportive academic environment. Supportive academic environment allow for students to be less reliant on their internal resilience. Mcdermott et al. Nursing students' resilience, depression, well-being, and

academic distress: Testing a moderated mediation model. J Adv Nurs. 2020;76:385-397.

Please contact Keri Jupka (kjzvf@umsl.edu) for copies of any of these articles or check the Research Office Teams site.

CON SCHOLARSHIP SPOTLIGHT

Three undergraduate posters were recognized at the Annual College of Nursing's Research Day. Those recognized included:

- The Interprofessional Management of Concussion in the School Setting. A Belt, T Eberline, E Elking, I Kudanovych, B Sheridan & E Stevenson
- Chlorhexidine Gloconate Bathing & It's Effects on Central Line-Associated Bloodstream Infections (CLABSI's). A Anderson, L Ebers, K Jones & B Moseley
- Human Papillomavirus (HPV): How Preventive Vaccines Can Save One's Life. S Jazbani, A Johnson, M Lilley, A Morthcutte & A Saastamoinen.

Congratulations to two of our Graduate Students (Michelle Parmentier and Ann Corbin) for being selected to take part in the 2020 Graduate Nursing Student Academy's Digital Innovators Program.

Undergraduate student Glorine Lampe and her air vac team published an article in the Air Medical Journal. The full citation is: Anderson C, Webb E, Lampe G, Clark T, Williams HL, Hillman NH. Interhospital transport of Infants on Bubble Continuous Positive Airway Pressure via Ground and Air. 2020;39(6): 458-463.

Faculty including Dean Vandermause, Drs. Fish, Kuensting, Murphy and Lavine have a new article in press in Nurse Education Today: The "Seeing Place:" Teaching Nurse Practitioners Through Dramatization.

The "Web-Based Training Modules for Nurse Practitioner Preceptors" virtual poster is being presented by Drs. Kuensting, Beckerle, Murphy, Fish and Vandermause at the Association of Colleges of Nursing (AACN) Fall Faculty Forum on December 7th-9th.

Here are two upcoming national webinars that faculty, staff and students may be interested in attending.



- The National Academy of Medicine is sponsoring "A Culture of Health Program Listening Workshop: Community Perspectives." On December 8th, 9th and 10th from 4 to 6 PM ET. Register [here](#).
- NINR's Stephen E Strauss Distinguished Lecture will feature Dr. Shannon Zenk on "All Health is Not Created Equal: Where You Live Matters" on December 9th at 1PM. To register click [here](#).