

RESEARCH OFFICE NEWSLETTER

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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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PROFESSIONAL DEVELOPMENT OPPORTUNITIES

Keys to successful publication

According to [Nurse Author & Editor](#) there are a number of things nurse scholars can do to put together quality manuscripts and get those papers in print.

Be aware. It is important to know what is being published in your topic of interest and where this information is being published. This can help you narrow down journals. Having a journal in mind when you begin writing could help prevent the need for formatting revisions once content has been completed.

Plan for and Protect your writing time. Prolific nursing scholars note that they put time aside to write and protect that time. Along with this it is important to have a realistic timeline set up when you begin the process. Plan and set goals. Determine the workload and strategies that work for you.

Build on what you have. Plan on making posters or presentations into manuscripts. Also remember that research isn't the only thing published in nursing journals, there are a number of nursing education journals that will publish articles on teaching and learning approaches. If you have the expertise write a letter to the editor. Revise manuscripts that have been rejected for different journals. Use reviews you receive.

Consider working with a team. Having a writing team, with clear communications and deadlines can be helpful in getting manuscripts written and submitted as well as improving the content allowing for multiple perspectives. For students or junior faculty, inviting a more advanced scholar to work with you as a mentor can be important for getting these manuscript published.

Save time when possible. There are things that can be done to prepare for manuscript writing including honing your skills in using word processing programs, citations managers and graphic programs.

Beware of common errors. Be consistent with how things are referred to i.e. Healthcare vs Health Care. Pay attention to spacing and headings. Be clear and concise. Avoid unneeded words.

College of Nursing Research Office Update

The College of Nursing's Research Office along with CON faculty and staff are working to provide graduate and undergraduate students the opportunity to be more involved in research while earning needed credits.

- Undergraduates interested in research can start enrolling in the independent study course NURSE 3872 beginning spring of 2022. Faculty will be outlining request for undergraduate students researchers. Activities can include literature reviews, data collection, data entry and management, and assisting with dissemination. Please contact the Office of Research for further information.
- PhD Students may also register for independent research study credit through NURSE 7870. Learning objectives and activities will be developed in partnership with the faculty mentor. Students will be expected to dedicate 11.5 to 12 hours per week to receive credits towards graduation.

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.

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.

[Academic Service-learning Nursing Partnership Effectiveness and Innovation](#) 51 articles were included in a scoping review. A majority of studies were carried out in the United States. Five themes were identified. These partnerships sustain and improve educational outcomes by decreasing preceptor and faculty turnover rates, providing cost savings for training and on-boarding, and additional integration of didactic knowledge and critical thinking skills. Partnerships strengthening capacity for collaborative practice and IPE including increasing awareness of social determinants of health. Nursing students participating in service learning partnerships show improved preparation for graduation including increased confidence in diagnostic ability, improved emergency competencies, and improved confidence in caring for culturally diverse populations. These partnerships enhanced community services and outcomes. Markaki et al. Academic service-learning nurse partnerships in the Americas: A scoping Review. BMC Nursing 2021;20:179..

[Increasing Nurses with BSN Degrees Can Help Reduce Inpatient Mortality and Readmissions](#). Researchers used cross-sectional data from 2006 and 2016 to look at changes in nurse employment. Data included nurse survey data, hospital administration data and patient claims data. The sample included general surgical patients in 519 hospitals. Multilevel logistic regression and binomial models were used to estimate the effects of nurse education level and patient outcomes. The average proportion of BSN nurses in hospitals increased from 41% to 56%. In those hospitals in which BSN nurses increased patients had significantly reduced risk of mortality, 7 day readmission and 30 day readmission. Lasater et al. Changes in proportion of bachelor's nurses associated with improvements in patient outcomes. Nursing Education 2021;46:276-28

[Virtual Simulation Shows Positive Outcomes](#). Although Virtual Simulation (VS) is rapidly growing there are very few evaluations in the literature. A Screened-based VS simulation based on the International Nursing Association for Clinical Simulation and Learning Standards of Best Practice was implemented in a large nursing school. APRN/DNP and MSN students participated in the research. The curriculum included a faculty/staff orientation, pre-briefing, scenarios

completed on the student's own, and debriefing. Measurements used were the System Usability Scale, Clinical Learning Environment Comparison Survey (CLEES), and the Modified Simulation Effectiveness Tool. Students rated the usability of the system above average with Likert scale answers usually falling from good to excellent. According to the CLES scale students rated their VS simulation experience similar to their face to face experiences. As for effectiveness, students rated their VP experiences positively. VS appears to be an effective tool for delivering simulation learning. Brown et al. Integrating virtual simulation into nursing education: A roadmap. Clinical Simulation in Nursing. 2021;0:1-9

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

CON SCHOLARSHIP SPOTLIGHT

We are moving in to a busy time for nursing professional conferences. We have many faculty, staff and students participating in scholarly conferences in the near future.

Abstracts accepted for the AACN's Doctoral Education Conference include:

- Evaluating the Effects of an LGBTQ+ Educational Program on the Attitudes and Knowledge of BSN Students by Dr. Amanda Finley, Dr. Sheila Grigsby, Dr. Tonya Haynes, Dr. Alicia Hutchings, Keri Jupka
- How do English Language Learner Populations Experience NCLEX-RN Style Questions? by Dr. Shawn Manes
- Relationship Among Perfectionism, Perceived Stress, and Coping Among Baccalaureate Nursing Students by Dr. Amanda Finley

Also congratulations to Dr. Sheila Grigsby on her Recognition Panel presentation for her and her teams 2021 IDEA Nomination.

Congratulations to all faculty as during the 2020-21 academic year nursing faculty, staff and students submitted 27 grants (receiving 9), had 18 publications and presented 22 times.



All faculty, staff and students are invited to attend the College of Nursing's Research Brown bags. Brownbag topics differ each each month and are held the first Thursday of the month. This month features scholars associated with our local Nu Chi chapters. Also check out the many opportunities provided by the UMSL Research Development Services [here](#).