

CCN RESEARCH

Newsletter

Issue 5 Fall 2018



Faculty Spotlight

Dr. Frances Hardin-Fanning received her Associates Degree in Nursing in 1997 where she received the Outstanding ADN Graduate Award and later went on to receive her MSN and PhD in Nursing both from the University of Kentucky.

Dr. Hardin-Fanning previously served as an Associate Professor at the University of Kentucky and joined us here at the Capstone College of Nursing in July 2018.

Dr. Hardin-Fanning's research in the past has primarily been focused on community-based interventions regarding nutrition in Central Appalachia where she grew up as a child. Currently, she is collaborating with other researchers on studies related to nutritional education in pre-schoolers and sleep quality in Alabama.

One of the things she is most passionate about in her research is making sure that healthcare providers understand how hard it can be to live a healthy lifestyle in rural communities. *"I believe that everyone who works in healthcare should recognize the limitations within which other people have to live"* she stated.

In her research, Dr. Hardin-Fanning has enjoyed collaborating with both her colleagues and with graduate and undergraduate students. She enjoys working with graduate students because "they really bring a purpose to research and you are producing the next generation of scholars" and with undergraduate students because they bring innovation and creativity to the research process.



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Publication Spotlight

The Use of Anticoagulant Drugs in Patients with Atrial Fibrillation



Collins-Yoder, A.S. & Collins, R.E. (2018) Periprocedural Considerations for atrial fibrillation patients with anticoagulants. *The Journal of Perianesthesia Nursing*.

<https://doi.org/10.1016/j.jopan.2018.05.014>.

Collins-Yoder & Collins' article discusses the current guidelines used to determine the appropriate use of anticoagulants during surgery for patients with atrial fibrillation, the relevant pharmacology of anticoagulants used, and presents two different standardized tools used to quantify the risks of thrombus or bleeding during surgical procedures. The two proposed standardized tools used are the HAS-BLED score used to quantify the risk of bleeding and the CHA₂DS₂-VASc score which is the preferred score used to measure the risk of thromboembolism. This collaborative article co-authored by Collins (a pharmacist) and Collins-Yoder (nursing), provides information that has implications for perianesthesia nurses and pharmacists in developing a collaborative plan of care for atrial fibrillation patients.

- People living with Atrial Fibrillation and taking anticoagulant drugs should seek medical advice before surgery.
- During any surgical procedure Atrial Fibrillation patients could experience heavy bleeding.
- Peri-anesthesia health care providers can help their patients to determine what is best for them.

Faculty Awards

Dr. Gwendolyn Hooper



Dr. Gwen Hooper receives the Outstanding Nurse Practitioner Educator Regional Award for West Alabama from the Nurse Practitioner Alliance of Alabama (NPAA). Pictured with Dr. Hooper is Dr. Robin Lawson, left, President of the NPAA.

Upcoming Research Training & Events

- November 15- Dr. Welch **Feasibility Study to Assess the Knowledge, Experience and Attitude of Acute Care Nurse Managers Related to Cost and Cost Management (12-1 pm room 1008)**
- November 29- Dr. Cuellar & Dr. Mumba & Dr. Key **All of Us(12-1pm room 1008)**
- Proposal Discussion and Review Groups
November 12 9:00-10:30am, November 29 9:30-11:00am, December 10 9:00-10:30am

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Behavioral and Prevention Research Core

One Interprofessional Research Team here at the Capstone College of Nursing is the Behavioral and Prevention Research Core, chaired by Dr. Mumba. The Research Core aims to create a network of scholars and researchers interested in working on behavioral and prevention research for increased innovation, collaboration, and scholarship. Because the Research Core helps to “build and expand ideas with one another... meetings have kept me active and productive in my scholarship”

stated Dr. Mary Ann Kelley. The Research Core has been a great place for collaboration on secondary data analysis, systematic reviews, and grants and has even created dedicated “Writing Days” twice a week for members to improve their productivity with manuscript and grant applications. Dr. Shameka Cody, a member of the Research Core, has loved being involved because “This group has helped me to identify other research areas that can strengthen my own program of research.”

Grant Awards

Appel, S.J. Urology Division of Boston Scientific. Medical Education Grant for the 12th Annual Nurse Practitioner Alliance of Alabama. \$2,000.

Cuellar, N. G., Community and Provider Gateway Initiative (Provider Influence Initiative - Phase 3), All of Us Research Program, NIH, (August 1, 2018 – February 1, 2019) in collaboration with the National Association of Hispanic Nurses. \$194,000.

Mumba, M. (PI), Davis, L., George, S., Findlay, L. Specialized Behavioral Treatment for Relapse Prevention among Veterans with Opioid Use Disorders. Veterans Administration VSIN 7 K-Grant Awards. \$171,050.

Mumba, M. (PI) Improving physical and psychosocial well-being of African American older adults. The Deep South Resource Center for Minority Aging Research Pilot Grant. \$25,000.

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