

2018-2019

Office of Nursing Research ANNUAL REPORT





2018-2019
Office of Nursing Research &
Scholarship Annual Report

**University of Kentucky, College of Nursing
Office of Nursing Research
Annual Report FY 19**

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Research Report

This University of Kentucky (UK) College of Nursing (CON) Office of Research report provides highlights and trends in CON extramural and intramural researching funding during Fiscal Years (FY) 2014-2019.

Types of Grants

CON principal investigators (PIs) submit various types of grants, generally to one of two types of award programs– extramural research (research dollars are awarded from an organization external to the University of Kentucky, examples include the National Institute of Nursing Research, the National Cancer Institute, the Health Resources & Services Administration, the Patient Centered Outcomes Research Institute, the Kentucky Department for Public Health, American Nurses Foundation) and intramural research [research dollars are awarded from a program internal to the University of Kentucky; examples include the Center for Clinical and Translational Science (CCTS) awards, the Office of the Vice President for Research (VPR) awards, and UK Women & Philanthropy]. Grant awards provide funding for the cost of conducting the research (i.e., direct costs) as well as the cost to the institution for the facilities and administration of the research (indirect costs). The indirect (facilities and administrative, or F&A) funds associated with a grant vary contingent upon the type of funder as well as the type of funding mechanism. Intramural research awards, for example, do not provide funds for indirect costs.

When applying for extramural funding, PIs in the CON cast a wide net, targeting federal and state agencies, private foundations, and professional associations. Awards to UK vary by funding type. National Institute of Health (NIH) grants are awarded for multi-year intervals, but funds are distributed on a year-to-year basis, and funding amounts each year can change from that committed at the time of the initial award. Funds for contracts, however, are guaranteed when the contract is initially awarded. Therefore, the total amount over the life of the contract is counted as occurring at the time the initial contract is awarded. A good example of this would be Patient Centered Outcomes Research Institute (PCORI) funding.

As of FY 19, 20 (59%) of the College of Nursing’s tenure-eligible faculty serve as PI (or Multi-PI) on funded research.

Information on Indirect (Facilities & Administrative) Costs

Facilities & Administrative (F&A) costs are real expenses incurred by the university in support of sponsored projects, but which by federal regulation cannot be charged directly to a specific grant, contract, or other sponsored agreement. F&A costs stem from the institutional need to maintain a shared infrastructure that supports the research and scholarly activities of all investigators. F&A costs are divided into facilities costs (e.g. building depreciation, operation and maintenance, utilities) and administrative costs (e.g. sponsored projects administration, purchasing, accounting, legal services). These funds are important to the College of Nursing because a portion of the funds is returned to the College to support future grant development.

The federal F&A cost rate is negotiated periodically with the university's audit agency, the Department of Health and Human Services. The F&A rate varies by type of project (e.g., research, instruction, career development) and location of the work (on-campus vs. off-campus). For research projects that are conducted on the UK campus, which is the most common type of extramurally sponsored project received by the CON, the F&A rate is 53%. F&A support for research projects conducted off campus is 26%. Federal awards involving instruction have a lower F&A rate (46%), and career development awards (e.g., 'K' awards) have an even lower indirect rate (8%). Private foundations, associations and state agencies may or may not separately reimburse F&A costs, and the rates are generally set by the funding agency. PCORI, an independent, nonprofit, nongovernmental organization, has an F&A cost rate limit of 40%. Some foundation awards (e.g., Robert Wood Johnson Foundation's Future of Nursing Scholars; Jonas Scholars) do not provide any F&A reimbursement.

F&A payments are driven by grant expenditures, rather than awards. If UK received a grant for \$100,000, but only spent \$70,000 of that award on research, UK, in turn, would receive an F&A payment based on the \$70,000 that was spent. Due to the amount of time needed for F&A calculations, it takes two years for the F&A to return to the College. In other words, in FY 19, the College of Nursing is receiving F&A distributions from grant expenditures that occurred in FY 17.

Unique Facts about the University of Kentucky, College of Nursing's Research Portfolio

When looking at the total number of research dollars generated by an academic unit per fiscal year, it is important to consider the number of faculty members who are supported by the unit that are able to compete for extramural funding. At the University of Kentucky, the College of Nursing has a smaller number of Regular Title Series (RTS) and Special Title Series (STS) faculty (i.e., tenure-eligible faculty) than many other colleges at UK. Within the faculty workforce, RTS faculty members typically receive the greatest amount of institutional support for research and are, in turn, called upon to compete for extramural research funding. The number of faculty members (particularly the number of RTS faculty) within an academic unit is thus a critical resource in competing for grant awards. STS faculty members typically have special assignments (e.g., administrative, clinical or educational assignments) that restrict time for research activities; these faculty members typically receive less institutional support for research. STS faculty members are expected to contribute scholarship, often in association with their special assignments, and are expected to compete for extramural awards to support their special assignments, but are not expected to compete for extramural research funding.

Grant Productivity

Tables A thru D below show a breakdown of extramural research funding trends by RTS within the College of Nursing. Table A provides the number of RTS and STS faculty in the College of Nursing since FY15. Over the past 5 years, the total number of RTS and STS faculty in the College of Nursing has increased by 6% (33 to 35). However, the number of RTS faculty has decreased from 17 to 16, while the number of STS faculty has increased from 16 to 19. This shift in faculty distribution has occurred in order to address the broad academic needs of the College of Nursing. The research and scholarship portfolio of the College should be evaluated based on the distribution of RTS and STS faculty.

Table A. Total Number of RTS and STS CON Faculty

	FY 15	FY 16	FY 17	FY 18	FY19
Regular Title Series (RTS) Faculty*	17	16	16	16	16
Special Title Series (STS) Faculty	16	18	19	18	19

*The Dean of the College of Nursing is not included in the RTS totals.

Table B and Figure 1 provide data on total number of grant submissions and on the number of grants submitted per faculty member over the past five years. The data indicate that the total number of grant applications has remained fairly steady across time, with a slight drop this past year. The number of grants submitted per RTS faculty member remains high at over 2 grants per year.

Table B. Extramural (EM) Grant Applications

	FY 15	FY 16	FY 17	FY 18	FY 19
Total # of EM grant applications submitted by CON PIs	54	46	44	51	33
Average # of grant applications per RTS faculty member	3.2	2.9	2.75	3.19	2.06

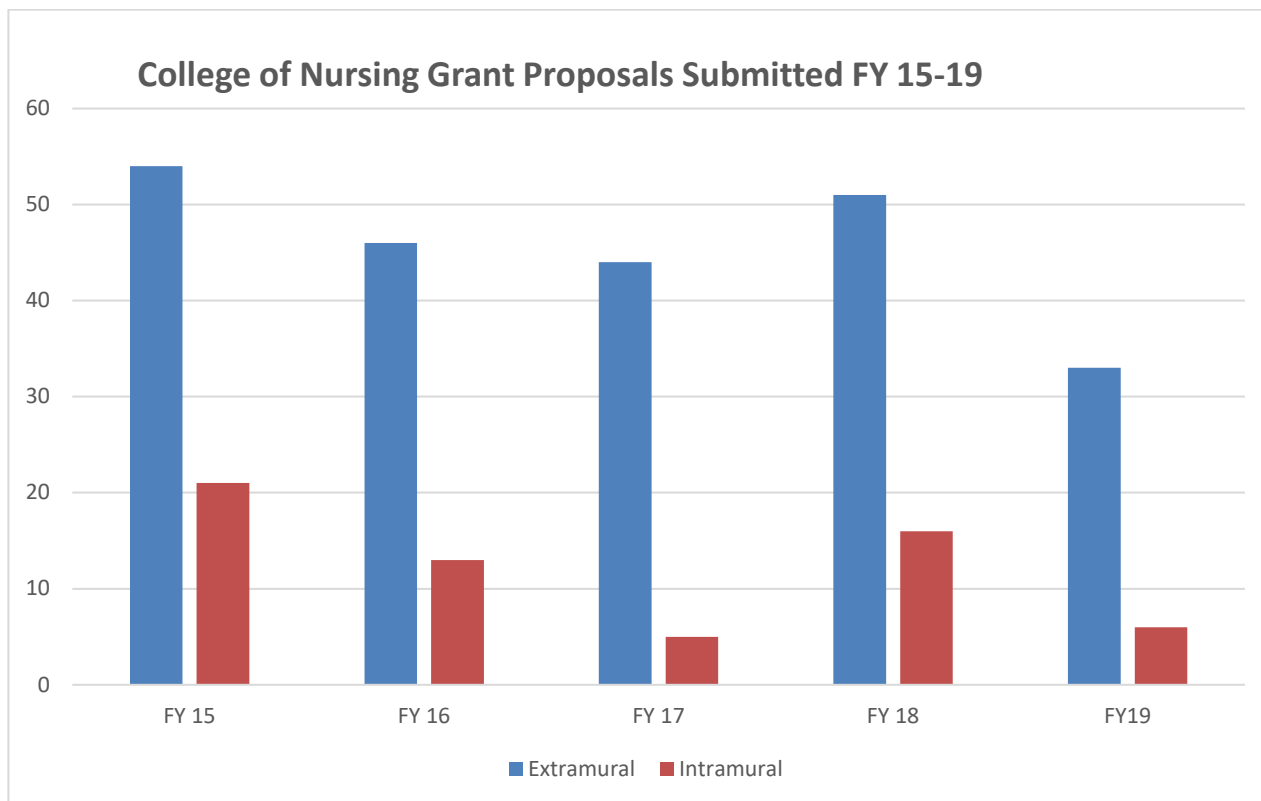


Figure 1. CON Grant Proposals Submitted FY 15-19.

Table C and Figure 2 present extramural grant funding for the College over the past five fiscal years. From the low of approximately \$3.5 million dollars in direct funding awarded in FY16, the CON has been awarded over \$6 million dollars in the most recent fiscal year. On average, during the most recent fiscal year, each RTS faculty member has generated over \$375,000 in direct research dollars per year.

Table C. New Extramural Grant Funding; Directs Costs Only

	FY 15	FY 16	FY 17	FY 18	FY 19
Total EM Funding	\$3,770,156	\$3,465,937	\$4,221,848	\$4,080,684	\$6,007,136
Average # of grant \$ per RTS faculty member	\$ 221,744	\$ 216,621	\$ 263,866	\$ 255,042	\$ 375,446

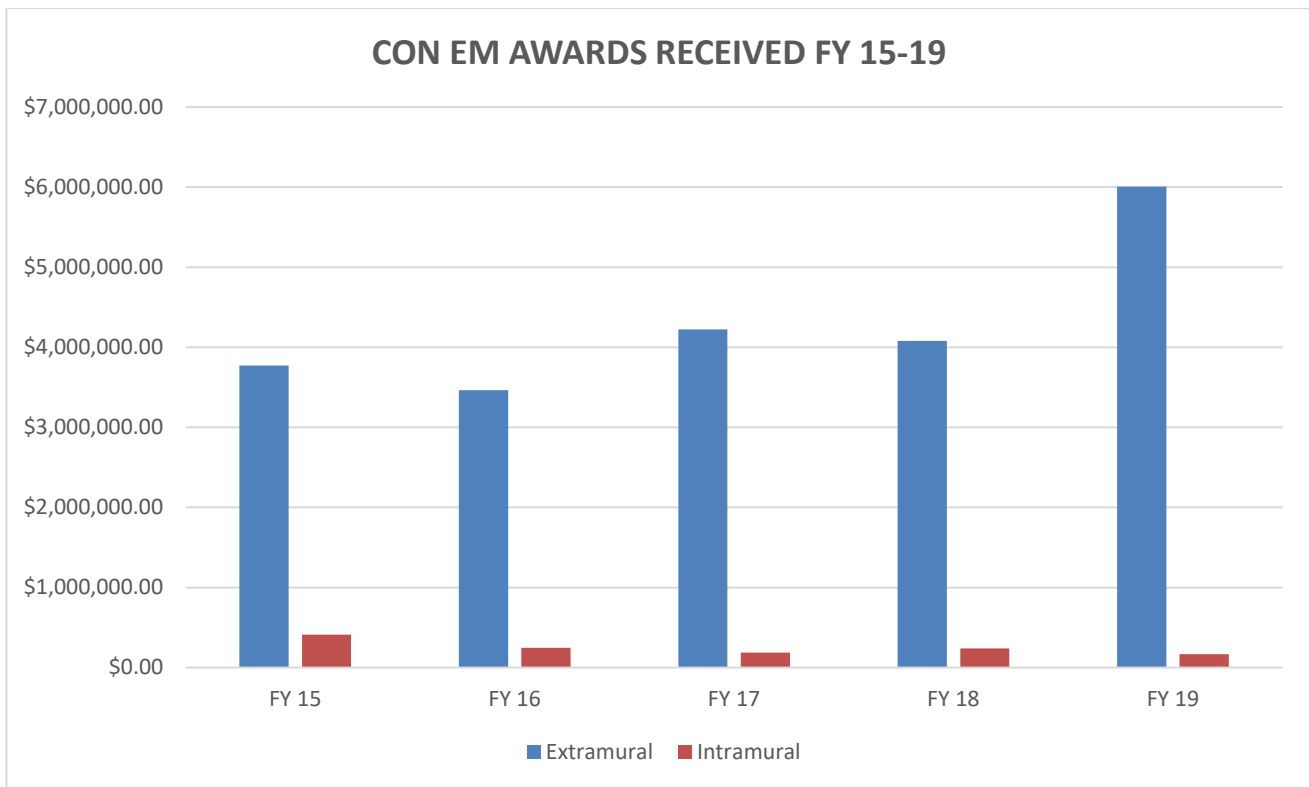


Figure 2. CON Extramural Awards Received FY 15-19

Figure 3 presents the number of grants that were funded for the College since FY 15. With the exception of FY 15, the number of individual proposals that were funded each year has remained relatively constant (15 awards per year). Given the increase in award funding over time (see Figure 2), it is clear that the total amount of funding per award has been increasing over time.

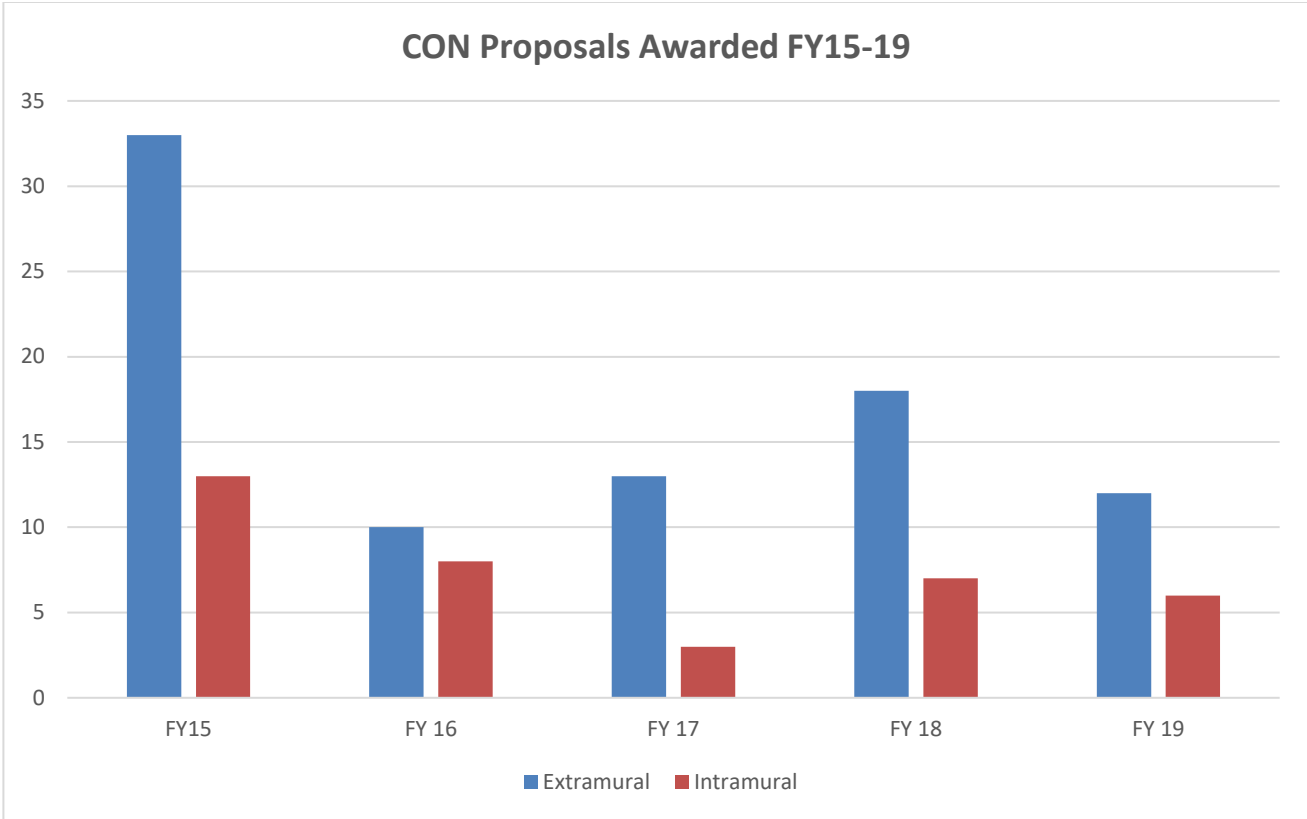


Figure 3. CON Proposals Awarded FY 15-19

Table D details the amount of extramural grant expenditures, per fiscal year, from CON PIs. Of note, grant expenditures are a more direct way of tracking research effort, as expenditures were driven by actual research activity. Table D demonstrates a positive acceleration in research effort over the past four years, which is consistent with the increases in total research funding awarded to the College.

Table D. Extramural (EM) Grant Expenditures (Total/Total per RTS) from CON PIs

	FY 15	FY 16	FY 17	FY 18	FY 19
EM Grant Expenditures	\$4,107,056	\$4,574,497	\$4,225,617	\$4,233,489	Not Available
Average EM Grant Expenditure per RTS faculty member	\$ 241,592	\$ 285,906	\$ 264,101	\$ 264,593	Not Available

Table E presents the standing of the University of Kentucky College of Nursing in total NIH funding relative to other academic units of Nursing as of September 9, 2019*. The CON currently ranks 16th among all public academic units. *NIH FY19 ends September 30, 2019.

Table E: Top 20 NIH-funded Public Academic Nursing Units

ORGANIZATION	AWARDS	FUNDING
University of Washington	41	\$17,023,980
University of California, San Francisco	43	\$15,825,438
University of Utah	18	\$11,192,497
University of Alabama at Birmingham	13	\$10,464,317
University of Michigan	31	\$9,754,475
University of Illinois at Chicago	23	\$8,855,968
University of Minnesota	16	\$8,489,280
Ohio State University	24	\$8,036,191
University of Maryland Baltimore	16	\$7,418,368
University of Texas, Austin	18	\$7,104,154
Medical University of South Carolina	16	\$6,755,675
Arizona State University	17	\$6,536,334
University of North Carolina, Chapel Hill	21	\$6,374,965
University of California Los Angeles	14	\$5,864,681
University of Texas, Arlington	11	\$4,757,476
University of Kentucky	11	\$4,422,594
Washington State University	7	\$4,068,652
University of Florida	10	\$3,764,976
University of Iowa	14	\$3,674,565
University of Kansas Medical Center	9	\$3,629,611

Intramural Funding Sources

CON PIs have received funding from several intramural sources such as the UK Office of the Vice President for Research Support Grants Program, the Center for Clinical and Translational Sciences (CCTS), and UK Markey Cancer Center’s pilot funding opportunities [e.g., the Cancer Center Support Grant (CCSG) and Kentucky Lung Cancer Research Program awards]. Table F provides the number of IM applications submitted and funded, as well as the amount awarded, for FY15-19.

Table F. CON IM applications submitted, funded, and dollar amount by fiscal year

	FY 15	FY 16	FY 17	FY 18	FY 19
# IM Applications Submitted	13	8	6	16	8
# IM Applications Funded	5*	3	3	7	6
Total IM Funding	\$324,934	\$225,000	\$186,000	\$238,769	\$165,000

Of note, CON Faculty received two intramural NIH awards in FY 15 – Building Interdisciplinary Research Careers in Women’s Health (BIRCWH K12) and Center for Clinical and Translational Sciences Career Development (KL2). Both are mentored career development programs for early-career faculty, with the BIRCWH supporting investigators interested in women’s health, while the KL2 supports investigators interested in clinical/translational research. Both programs are highly competitive and prestigious awards that provide support for salary (75% effort) and research. In FY 19, the College of Nursing allocated a portion of the returned F&A funding to support a pilot-funding program for its faculty members. Applications were received and peer-reviewed in February and July, and funds were awarded in March and August. Since this was a new program, activities supported by this program are not included in the data provided in Table F. In FY 19, 2 pilot study applications were submitted and received \$8,898 and \$15,000 respectively in funding.

Sources of research support

Figure 4 presents the funding sources for all active awards in FY 19. Over the last four years, NIH has been the predominant source of extramural funding agency for CON faculty. Some faculty members have pursued funding from other federal agencies (Health Resources & Services Administration [HRSA], Centers for Disease Control and Prevention [CDC], Substance Abuse and Mental Health Services Administration [SAMHSA]), with positive outcomes.

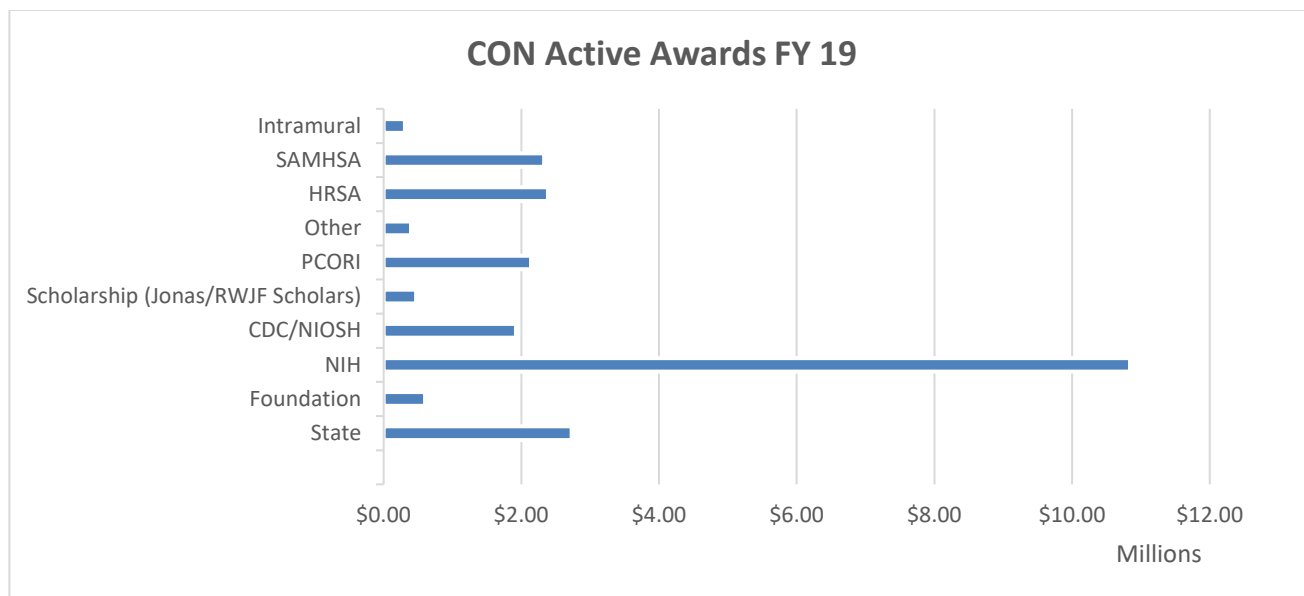


Figure 4. CON Active Research Awards (total funding) in FY 19

UK College of Nursing Funded Faculty in FY19

The research interests, and funding sources and amounts for PIs and Multi-PIs in the CON are listed in Table F. Twenty-two members of the CON have active funded projects that support research and scholarship focusing on education, health disparities, occupational health, tobacco and drug use treatment and prevention, maternal and fetal health, cardiovascular health, obesity and diabetes prevention, and cancer prevention.

Table F: Total Intramural and Extramural Funding on Current Active Awards (PI Only)

Name	Funded Research Topics	Funding Sources	Award Total*
Kristin Ashford	Maternal and Child Health	Kentucky Cabinet for Health and Family Services, NIH-NIDA, Hillman Foundation, UK VI ² P Program, State Medicaid Grant	\$4,640,732
Martha Biddle	Cardiovascular Health: Secondary Prevention of Cardiovascular Disease	CON Pilot	\$17,000
Karen Butler/ Ellen Hahn	Occupational Health Nurse Training	NIH-NIOSH	\$628,358
Hazel Chappell	Continuing Nursing Education	AHRQ	\$49,500
Misook Chung	Cardiovascular Health: Chronic Patients and Caregivers	NIH-NINR; CON Pilot	\$2,414,267
Audrey Darville	Online Tobacco Cessation Training	UK Provost	\$50,000
Holly Dye	Substance Abuse Treatment	SAMHSA	\$1,572,347
Jean Edward	Promoting equitable access to healthcare; Healthcare access and disparities research	CON Pilot; American Cancer Society	\$45,000
Amanda Fallin-Bennett	Tobacco Policy and Substance Abuse	Kentucky Department of Public Health, CON Pilot, NCI	\$1,272,980
Angela Grubbs	Nursing Education for Veterans	HRSA	\$615,480
Ellen Hahn	Tobacco Policy and Environmental Health	NIH-NIEHS, KDPH, Markey Cancer Center, UK Center for Clinical & Translational Science, Interact for Health, UK VPR Award, State Medicaid Grant, KY Lung Center, Radon	\$9,207,310
Debra Hampton	Nursing Leadership and Training	UK Provost	\$100,000
Dianna Inman	Developmental and Behavioral Pediatrics	SAMHSA	\$758,459
Ana Maria Linares	Intervention to Enhance Breastfeeding and Obesity Risk Reduction	UK Center for Clinical & Translational Science; CON Pilot; Fulbright	\$42,000
Sharon Lock	Nurse Training	HRSA	\$1,770,319
Debra Moser	Cardiovascular & Cerebrovascular Health – Risk Self-Management	NIH-NINR, UK Cares Pilot, Jonas Scholars, RWJF Scholars	\$2,918,660
Gia Mudd-Martin	Cardiovascular Health, Diabetes, and the Family Structure	NIH-NINR; NIH-OD; OBSSR, UK Center for Clinical & Translational Science	\$2,662,193
Zim Okoli	Tobacco Policy and Substance Abuse	Kentucky Department of Public Health, State Medicaid Grant	\$477,913

Deborah Reed	Occupational Health – Kentucky Farmers	NIOSH	\$1,231,184
Elizabeth Salt	Chronic Pain Management	Pfizer; UK Center for Clinical & Translational Science	\$491,638
Lovoria Williams	Delivering interventions to reduce health disparities among minority and medically-underserved populations	NCI Pilot	\$76,500
Jessica Wilson	Online Nursing Education/ Adult Health and Neurosurgical Nursing	UK Provost	\$50,000

*: Anticipated total direct and F&A funding over the duration of the award.

Scholarship

Table G lists the number of presentations given by CON faculty (RTS and STS) since FY 2014. During FY 18, College of Nursing faculty gave a total of 147 research-focused presentations at professional conferences (4.2 presentations per faculty member). This reflects a slight reduction in productivity from previous years. These data come from the Digital Measures database, which is dependent on faculty reporting of productivity. At this time, it remains unclear whether this reflects a reduction in faculty productivity from previous years or a change in faculty reporting fidelity, and these data will require continued scrutiny in the next fiscal year.

Table G. CON Faculty Presentations (source: Digital Measures)

	FY 14	FY 15	FY 16	FY 17	FY18
Presentations	292	273	170	156	147
Presentations/Faculty*	9.7	8.3	4.9	4.4	4.2

*Includes RTS and STS faculty.

Figure 5 provides data on CON faculty (all full-time faculty, and RTS) peer-reviewed data-based publications since FY 2014, along with the field-weighted citation impact of the publications. The data are derived from Scopus[®], which indexes content from over 5,000 publishers (24,600 active journal and other serial titles) in the health, life and social sciences. During 2018, College of Nursing faculty published 84 data-based articles in referred journals (over 2.5 publications per faculty member), a total that has remained relatively constant across the past five years. The impact of these publications is significant, with each publication being cited over 30% more frequently than average publications in the field (1.30 field-weighted citation). The impact of publications dropped in 2018, but in 2019 (partial year), 71 publications to date have been cited over 170% more frequently than average publications in the field, suggesting the strong impact of CON faculty science continues. RTS faculty contribute significantly to this productivity, with an average of 60 publications per year (over 3.75 publications per RTS faculty member), with each publication being cited on average over 37% more frequently than average publications in the field. Thus far in 2019, 53 publications from RTS faculty have been cited over 206% more frequently than average publications.

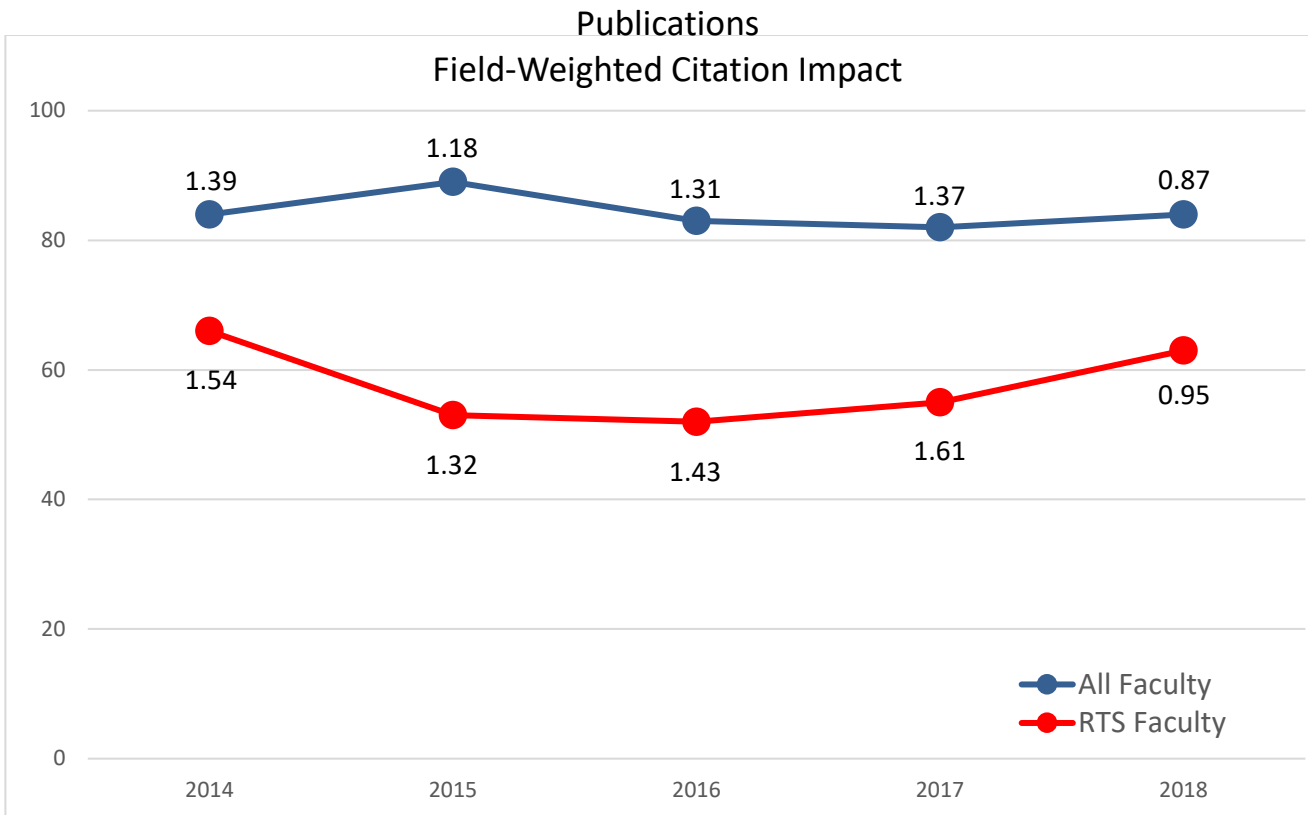


Figure 5. CON publications and associated field-weighted citation impact ratings

Conclusion

The University of Kentucky College of Nursing faculty members are actively engaged in patient-oriented and public policy focused research that impacts the citizens of the Commonwealth (e.g., cardiovascular health, tobacco smoking, drug abuse, maternal and fetal health, occupational health of farmers). By all reasonable metrics, including grant submissions and funding, and data-based publications and presentations, the CON is making significant contributions to the science of nursing and producing new knowledge that advances the health of the Commonwealth of Kentucky and beyond.

Publications

2018

- Abed, M.A., Eshah, N.F., Moser, D.K. (2018). Risk profile of myocardial infarction in young versus older adults. *Heart and Lung*. 47, 226-230.
- Abshire, D.A., Lennie, T.A., Chung, M.L., Biddle, M.J., Barbosa-Leiker, C., Moser, D.K. (2018). Body Mass Index Category Moderates the Relationship Between Depressive Symptoms and Diet Quality in Overweight and Obese Rural-Dwelling Adults. *Journal of Rural Health*. 34, 377-387.
- Abshire, D.A., Mudd-Martin, G., Moser, D.K., Lennie, T.A. (2018). Comparing measures of general and abdominal adiposity as predictors of blood pressure in college students. *Journal of American College Health*. 66, 51-60.
- Alhurani, A.S., Dekker, R., Ahmad, M., Miller, J., Yousef, K.M., Abdulqader, B., Salami, I., Lennie, T.A., Randall, D.C., Moser, D.K. (2018). Stress, cognitive appraisal, coping, and event free survival in patients with heart failure. *Heart and Lung*. 47, 205-210.
- Allana, S., Moser, D.D.K., Ali, D.T.S., Khan, D.A.H. (2018). Sex differences in symptoms experienced, knowledge about symptoms, symptom attribution, and perceived urgency for treatment seeking among acute coronary syndrome patients in Karachi Pakistan. *Heart and Lung*. 47, 584-590.
- Andreae, C., Strömberg, A., Chung, M.L., Hjelm, C., Årestedt, K. (2018). Depressive Symptoms Moderate the Association between Appetite and Health Status in Patients with Heart Failure. *Journal of Cardiovascular Nursing*. 33, E15-E20.
- Ashford, K.B., Chavan, N., Ebersole, J.L., Wiggins, A.T., Sharma, S., McCubbin, A., Barnett, J., O'Brien, J. (2018). Patterns of Systemic and Cervicovaginal Fluid Inflammatory Cytokines throughout Pregnancy. *American Journal of Perinatology*. 35, 455-462.
- Buck, H.G., Stromberg, A., Chung, M.L., Donovan, K.A., Harkness, K., Howard, A.M., Kato, N., Polo, R., Evangelista, L.S. (2018). A systematic review of heart failure dyadic self-care interventions focusing on intervention components, contexts, and outcomes. *International Journal of Nursing Studies*. 77, 232-242.
- Butler, K.M., Ickes, M.J., Rayens, M.K., Wiggins, A.T., Ashford, K., Hahn, E.J. (2018). Intention to quit smoking and polytobacco use among college student smokers. *Preventive Medicine Reports*. 10, 72-75.
- Butler, K.M., Moskos, L.H., Rayens, M.K., Wiggins, A.T., Hahn, E.J. (2018). Access to free home test kits for radon and secondhand smoke to reduce environmental risks for lung cancer. *Journal of Environmental Health*. 81, E1-E6.
- Caldwell, A.L., Tingen, M.S., Nguyen, J.T., Andrews, J.O., Heath, J., Waller, J.L., Treiber, F.A. (2018). Parental smoking cessation: Impacting children's tobacco smoke exposure in the home. *Pediatrics*. 141, S96-S106.

- Cartagena, D., McGrath, J.M., Linares, A.M. (2018). Associations between Introduction of Age-Inappropriate Foods and Early Eating Environments in Low-Socioeconomic Hispanic Infants. *Journal of Pediatric Health Care*. 32, e27-e36.
- Chappell, K., Elchamaa, R., Jeong, D., Kendall-Gallagher, D., Salt, E., Reeves, S., Moore, D., Olson, C., Van Hoof, T., Lundmark, V., Danilovich, N., Kitto, S. (2018). Conceptualization and operationalization of certification in the US and Canadian nursing literature. *Journal of Nursing Administration*. 48, 238-246.
- Coughlin, S.S., Williams, L.B., Besenyi, G.M., Jackson, L.W., Anglin, J. (2018). Advancing Uterine Cancer Survivorship Among African American Women. *Journal of the National Medical Association*. 110, 391-395.
- Easley, E.A., Black, W.S., Bailey, A.L., Lennie, T.A., Sims, W.J., Clasey, J.L. (2018). Recovery Responses to Maximal Exercise in Healthy-Weight Children and Children With Obesity. *Research Quarterly for Exercise and Sport*. 89, 38-46.
- Edward, J., Carreon, L.Y., Williams, M.V., Glassman, S., Li, J. (2018). The importance and impact of patients' health literacy on low back pain management: a systematic review of literature. *Spine Journal*. 18, 370-376.
- Edward, J., Morris, S., Mataoui, F., Granberry, P., Williams, M.V., Torres, I. (2018). The impact of health and health insurance literacy on access to care for Hispanic/Latino communities. *Public Health Nursing*. 35, 176-183.
- Elswick, A., Fallin-Bennett, A., Ashford, K., Werner-Wilson, R. (2018). Emerging Adults and Recovery Capital: Barriers and Facilitators to Recovery. *Journal of Addictions Nursing*. 29, 78-83.
- Fallin-Bennett, A., Barnett, J., Ducas, L., Wiggins, A.T., McCubbin, A., Ashford, K. (2018). Pilot Tobacco Treatment Intervention for Women in Residential Treatment for Substance Use Disorder. *JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing*. 47, 749-759.
- Fallin-Bennett, A., Parker, K.A., Miller, A., Ashford, K., Hahn, E.J. (2018). Smoking and tobacco-free policies in women's residential substance use disorder treatment facilities: A community-engaged approach. *Nicotine and Tobacco Research*. 20, 1386-1392.
- Gómez, M.L., Hieronymus, L.B., Ashford, K.B., Barnett, J.M., Renn, T.A. (2018). Linking postpartum and parenting women with a national diabetes prevention program: Recruitment efforts, challenges, and recommendations. *Diabetes Spectrum*. 31, 324-329.
- Goodin, A., Fallin-Bennett, A., Green, T., Freeman, P.R. (2018). Pharmacists' role in harm reduction: A survey assessment of Kentucky community pharmacists' willingness to participate in syringe/needle exchange. *Harm Reduction Journal*. 15.
- Guess, J., Hubel, K., Wiggins, A., Madigan, C.G., Bunin, J. (2018). Recurrent Torsades with Refractory QT Prolongation in a 54-Year-Old Man. *The American journal of case reports*. 19, 1515-1518.

- Guo, S.-E., Shen, H.-C., Okoli, C., Liao, Y.-C., Tsai, K.-D., Lin, M.-S., Hsu, H.-T. (2018). Generalist versus specialist nurses' knowledge, attitudes, and behavioral intentions toward promoting pulmonary rehabilitation for patients with chronic obstructive pulmonary disease: A cross-sectional correlational study. *Medicine (United States)*. 97.
- Hahn, E.J., Rademacher, K., Wiggins, A., Rayens, M.K. (2018). Personalized report-back to renters on radon and tobacco smoke exposure. *Journal of Environmental Health*. 80, 8-14.
- Hahn, E.J., Rayens, M.K., Wiggins, A.T., Gan, W., Brown, H.M., Mullett, T.W. (2018). Lung cancer incidence and the strength of municipal smoke-free ordinances. *Cancer*. 124, 374-380.
- Hardin-Fanning, F., Adegboyega, A.O., Rayens, M.K. (2018). Adolescents' Perceptions of a Gardening Activity at a Juvenile Justice Center. *Journal of Holistic Nursing*. 36, 170-178.
- Harvanko, A.M., McCubbin, A.K., Ashford, K.B., Kelly, T.H. (2018). Electronic cigarette liquid and device parameters and aerosol characteristics: A survey of regular users. *Addictive Behaviors*. 84, 201-206.
- Henderson, W.A., Mudd-Martin, G. (2018). Genetics and Genomics in Nursing Science. *Biological Research for Nursing*. 20, 117.
- Heo, S., McSweeney, J., Ounpraseuth, S., Shaw-Devine, A., Fier, A., Moser, D.K. (2018). Testing a Holistic Meditation Intervention to Address Psychosocial Distress in Patients with Heart Failure: A Pilot Study. *Journal of Cardiovascular Nursing*. 33, 126-134.
- Heo, S., Moser, D.K., Lennie, T.A., Fischer, M., Kim, J., Lee, M., Walsh, M.N., Ounpraseuth, S. (2018). Changes in Heart Failure Symptoms are Associated with Changes in Health-related Quality of Life over 12 Months in Patients with Heart Failure. *Journal of Cardiovascular Nursing*. 33, 460-466.
- Hill, L., McIlfatrick, S., Taylor, B.J., Jaarsma, T., Moser, D., Slater, P., McAloon, T., Dixon, L., Donnelly, P., Stromberg, A., Fitzsimons, D. (2018). Patient and professional factors that impact the perceived likelihood and confidence of healthcare professionals to discuss implantable cardioverter defibrillator deactivation in advanced heart failure. *Journal of Cardiovascular Nursing*. 33, 527-535.
- Huang, T.-Y., Moser, D.K., Hwang, S.-L. (2018). Identification, Associated Factors, and Prognosis of Symptom Clusters in Taiwanese Patients with Heart Failure. *Journal of Nursing Research*. 26, 60-67.
- Ickes, M.J., Butler, K., Wiggins, A.T., Kercksmar, S., Rayens, M.K., Hahn, E.J. (2018). Truth® ads, receptivity, and motivation to use or quit tobacco among college students. *Journal of American College Health*.
- Ickes, M.J., Wiggins, A., Hahn, E.J. (2018). Online readiness assessment for Smoke- and Tobacco-free campus policies. *Journal of American College Health*. 66, 817-820.
- Ickes, M.J., Wiggins, A., Hahn, E.J. (2018). Readiness to Adopt Physical Activity Policies in Rural Communities. *Health Promotion Practice*.

- Jones, A.R., Moser, D.K., Hatcher, J. (2018). Using text messages to promote health in African-Americans: #HeartHealthyandCancerFree*. *Ethnicity and Health*. 23, 307-320.
- Jones, M.S., Reed, D.B., Hunt, M.L. (2018). Suicide: An Unrecognized Epidemic Among Farmers. *Workplace Health and Safety*.
- Kenner, C., Ashford, K., Badr, L.K., Black, B., Bloch, J., Mainous, R., McGrath, J., Premji, S., Sinclair, S., Terhaar, M., Verklan, M.T., Walden, M., Walker, D.S., White-Traut, R., Yeo, S., Zekas, L.B., Kostas-Polston, E.A., Greenberg, C.S., Boykova, M. (2018). American Academy of Nursing on policy: Reducing preterm births in the United States: Maternal infant health, child, adolescent and family, and women's health expert panels (August 13, 2018). *Nursing Outlook*. 66, 499-504.
- Lee, K.S., Moser, D.K., Dracup, K. (2018). Relationship between self-care and comprehensive understanding of heart failure and its signs and symptoms. *European Journal of Cardiovascular Nursing*. 17, 496-504.
- Lennie, T.A., Andreae, C., Rayens, M.K., Song, E.K., Dunbar, S.B., Pressler, S.J., Heo, S., Kim, J., Moser, D.K. (2018). Micronutrient deficiency independently predicts time to event in patients with heart failure. *Journal of the American Heart Association*. 7.
- Liljeroos, M., Strömberg, A., Årestedt, K., Chung, M.L. (2018). Mediation effect of depressive symptoms in the relationship between perceived control and wellbeing in patients with heart failure and their partners. *European Journal of Cardiovascular Nursing*. 17, 527-534.
- Linares, A.M., Parente, A.N., Coleman, C. (2018). Attitudes, practices, and knowledge about human lactation among nursing students. *Clinical Lactation*. 9, 59-65.
- Masiongale, A.J., Garvin, J.T., Murphy, M.J., Hooper, V.D., Odom-Forren, J., Masiongale, J.I., Looney, S.W. (2018). Reexamining metoclopramide's role in the prevention of postoperative nausea and vomiting: A secondary analysis. *AANA Journal*. 86, 213-219.
- McEvedy, S.M., Cameron, J., Lugg, E., Miller, J., Haedtke, C., Hammash, M., Biddle, M.J., Lee, K.S., Mariani, J.A., Ski, C.F., Thompson, D.R., Chung, M.L., Moser, D.K. (2018). Implantable cardioverter defibrillator knowledge and end-of-life device deactivation: A cross-sectional survey. *Palliative Medicine*. 32, 156-163.
- McGrath, J.J., Racicot, S., Okoli, C.T.C., Hammond, S.K., O'Loughlin, J. (2018). Airborne nicotine, secondhand smoke, and precursors to adolescent smoking. *Pediatrics*. 141, S63-S74.
- McKee, G., Mooney, M., O'Donnell, S., O'Brien, F., Biddle, M.J., Moser, D.K. (2018). A cluster and inferential analysis of myocardial infarction symptom presentation by age. *European Journal of Cardiovascular Nursing*. 17, 637-644.
- Melander, S., Hampton, D., Hardin-Pierce, M., Ossege, J. (2018). Development of a Rubric for Evaluation of the DNP Portfolio. *Nursing education perspectives*. 39, 312-314.
- Noland, M., Rayens, M.K., Wiggins, A.T., Huntington-Moskos, L., Rayens, E.A., Howard, T., Hahn, E.J. (2018). Current Use of E-Cigarettes and Conventional Cigarettes Among US High

- School Students in Urban and Rural Locations: 2014 National Youth Tobacco Survey. *American Journal of Health Promotion*. 32, 1239-1247.
- Odom-Forren, J. (2018). A Healthier You for Christmas. *Journal of Perianesthesia Nursing*. 33, 779-780.
- Odom-Forren, J. (2018). Globalization of Perianesthesia Nursing. *Journal of Perianesthesia Nursing*. 33, 105-106.
- Odom-Forren, J. (2018). Suicide and Nurses. *Journal of Perianesthesia Nursing*. 33, 363-365.
- Odom-Forren, J., Reed, D.B., Rush, C. (2018). Postoperative Symptom Distress of Laparoscopic Cholecystectomy Ambulatory Surgery Patients. *Journal of Perianesthesia Nursing*. 33, 801-813.
- Okoli, C.T.C., Al-Mrayat, Y.D., Shelton, C.I., Khara, M. (2018). A retrospective analysis of the association between providing nicotine replacement therapy at admission and motivation to quit and nicotine withdrawal symptoms during an inpatient psychiatric hospitalization. *Addictive Behaviors*. 85, 131-138.
- Okoli, C.T.C., Al-Mrayat, Y.D., Stead, B. (2018). Brief Report: The effect of implementing a tobacco treatment service on adherence to evidence-based practice in an inpatient state-owned psychiatric hospital. *American Journal on Addictions*. 27, 368-371.
- Okoli, C.T.C., El-Mallakh, P., Seng, S. (2018). Which types of tobacco treatment interventions work for people with schizophrenia? Provider and mental health consumer perspectives. *Issues in Mental Health Nursing*.
- Okoli, C.T.C., Otachi, J.K., Manuel, A., Woods, M. (2018). A cross-sectional analysis of factors associated with the intention to engage in tobacco treatment among inpatients in a state psychiatric hospital. *Journal of Psychiatric and Mental Health Nursing*. 25, 14-25.
- Okoli, C.T.C., Seng, S. (2018). Associations Between Secondhand Tobacco Smoke Exposure and Nicotine Dependence and Smoking Cessation Attempts Among Adult Tobacco Users With a Psychiatric Disorder. *Biological Research for Nursing*. 20, 558-565.
- Parrish, E. (2018). Human trafficking: Awareness, assessment, and training. *Perspectives in Psychiatric Care*. 54, 456.
- Parrish, E. (2018). Trying to make sense of school shootings: How? *Perspectives in Psychiatric Care*. 54, 99.
- Parrish, E. (2018). Winter blues, spring fever and major depression: Are they the same or different. *Perspectives in Psychiatric Care*. 54, 5.
- Parrish, E. (2018). Comorbidity of mental illness and chronic physical illness: A diagnostic and treatment conundrum. *Perspectives in Psychiatric Care*. 54, 339-340.
- Rhodes, E.C., Chandrasekar, E.K., Patel, S.A., Venkat Narayan, K.M., Joshua, T.V., Williams, L.B., Marion, L., Ali, M.K. (2018). Cost-effectiveness of a faith-based lifestyle intervention for diabetes

- prevention among African Americans: A within-trial analysis. *Diabetes Research and Clinical Practice*. 146, 85-92.
- Riegel, B., Barbaranelli, C., Sethares, K.A., Daus, M., Moser, D.K., Miller, J.L., Haedtke, C.A., Feinberg, J.L., Lee, S., Stromberg, A., Jaarsma, T. (2018). Development and initial testing of the self-care of chronic illness inventory. *Journal of Advanced Nursing*. 74, 2465-2476.
- Riegel, B., Moser, D.K. (2018). Introducing Our New Associate Editors. *The Journal of cardiovascular nursing*. 33, 505.
- Riegel, B., Moser, D.K. (2018). Transition Planning. *The Journal of cardiovascular nursing*. 33, 99.
- Riegel, B., Moser, D.K. (2018). Self-care: An Update on the State of the Science One Decade Later. *Journal of Cardiovascular Nursing*. 33, 404-407.
- Saleh, Z.T., Wu, J.-R., Salami, I., Yousef, K., Lennie, T.A. (2018). The Association between Depressive Symptoms and N-Terminal Pro-B-Type Natriuretic Peptide with Functional Status in Patients with Heart Failure. *Journal of Cardiovascular Nursing*. 33, 378-383.
- Salt, E., Wiggins, A.C., Rayens, M.K., Johnson, R., Hardy, J.K., Segerstrom, S., Crofford, L.J. (2018). The relationship between life purpose with depression and disability in acute low back pain patients. *Orthopaedic Nursing*. 37, 287-291.
- Salt, E., Wiggins, A.T., Hooker, Q., Crofford, L., Rayens, M.K., Segerstrom, S. (2018). The effects of pain severity, pain catastrophizing, depression, and exercise on perceived disability in acute low back pain patients. *Research and Theory for Nursing Practice*. 32, 436-448.
- Salt, E., Wiggins, A.T., Rayens, M.K., Brown, K., Eckmann, K., Johannemann, A., Wright, R.D., Crofford, L.J. (2018). Risk Factors for Transfusions Following Total Joint Arthroplasty in Patients with Rheumatoid Arthritis. *Journal of Clinical Rheumatology*. 24, 422-426.
- Shawler, C., Edward, J., Ling, J., Crawford, T.N., Rayens, M.K. (2018). Impact of Mother-Daughter Relationship on Hypertension Self-management and Quality of Life: Testing Dyadic Dynamics Using the Actor-Partner Interdependence Model. *Journal of Cardiovascular Nursing*. 33, 232-238.
- Shojaei, I., Salt, E.G., Hooker, Q., Bazrgari, B. (2018). Mechanical demands on the lower back in patients with non-chronic low back pain during a symmetric lowering and lifting task. *Journal of Biomechanics*. 70, 255-261.
- Song, E.K., Wu, J.-R., Moser, D.K., Kang, S.-M., Lennie, T.A. (2018). Vitamin D supplements reduce depressive symptoms and cardiac events in heart failure patients with moderate to severe depressive symptoms. *European Journal of Cardiovascular Nursing*. 17, 207-216.
- Thylén, I., Moser, D.K., Strömberg, A. (2018). Octo- and nonagenarians' outlook on life and death when living with an implantable cardioverter defibrillator: A cross-sectional study. *BMC Geriatrics*. 18.

- Vellone, E., Chung, M.L., Alvaro, R., Paturzo, M., Dellafiore, F. (2018). The Influence of Mutuality on Self-Care in Heart Failure Patients and Caregivers: A Dyadic Analysis. *Journal of Family Nursing*. 24, 563-584.
- Vellone, E., Dellafiore, F., Chung, M.L., Alvaro, R. (2018). Mutuality and self-care in heart failure patient and caregiver dyads. *European Journal of Cardiovascular Nursing*. 17, 467-468.
- Waldréus, N., Chung, M.L., van der Wal, M.H.L., Jaarsma, T. (2018). Trajectory of thirst intensity and distress from admission to 4-weeks follow up at home in patients with heart failure. *Patient Preference and Adherence*. 12, 2223-2231.
- Wiggins, A.T., Pavlik, E.J., Andrykowski, M.A. (2018). Demographic, clinical, dispositional, and social-environmental characteristics associated with psychological response to a false positive ovarian cancer screening test: a longitudinal study. *Journal of Behavioral Medicine*. 41, 277-288.
- Williams, C.M., Asaolu, I., Chavan, N.R., Williamson, L.H., Lewis, A.M., Beaven, L., Ashford, K.B. (2018). Previous cesarean delivery associated with subsequent preterm birth in the United States. *European Journal of Obstetrics and Gynecology and Reproductive Biology*. 229, 88-93.
- Williams, L.B., Bourgault, A.B., Valenti, M., Howie, M., Mathur, S. (2018). Predictors of underrepresented nursing students' school satisfaction, success, and future education intent. *Journal of Nursing Education*. 57, 142-149.
- Williams, L.B., McCall, A., Looney, S.W., Joshua, T., Tinggen, M.S. (2018). Demographic, psychosocial, and behavioral associations with cancer screening among a homeless population. *Public Health Nursing*. 35, 281-290.
- Wu, J.-R., Moser, D.K. (2018). Medication Adherence Mediates the Relationship between Heart Failure Symptoms and Cardiac Event-Free Survival in Patients with Heart Failure. *Journal of Cardiovascular Nursing*. 33, 40-46.
- Wu, J.-R., Song, E.K., Moser, D.K., Lennie, T.A. (2018). Racial differences in dietary antioxidant intake and cardiac event-free survival in patients with heart failure. *European Journal of Cardiovascular Nursing*. 17, 305-313.

2019 (partial list)

- Adams, I.K.R., Okoli, C.T.C., Krok-Schoen, J.L., Hartel, L., Keita, A.D., Figueroa, W., Polanin, J.R., McElfish, P.A., Kanesimo, M.H. (2019). Physical Activity Among Native Hawaiians and Pacific Islanders: A Systematic Review and Meta-Analysis. *Journal of Nutrition Education and Behavior*. 51, 245-258.
- Aleshire, M.E., Ashford, K., Fallin-Bennett, A., Hatcher, J. (2019). Primary Care Providers' Attitudes Related to LGBTQ People: A Narrative Literature Review. *Health Promotion Practice*. 20, 173-187.

- Arter, Z.L., Wiggins, A., Hudspath, C., Kisling, A., Hostler, D.C., Hostler, J.M. (2019). Acute eosinophilic pneumonia following electronic cigarette use. *Respiratory Medicine Case Reports*. 27.
- Ashford, K., Fallin-Bennett, A., McCubbin, A., Wiggins, A., Barnhart, S., Lile, J. (2019). Associations of first trimester co-use of tobacco and Cannabis with prenatal immune response and psychosocial well-being. *Neurotoxicology and Teratology*. 73, 42-48.
- Breland, A., McCubbin, A., Ashford, K. (2019). Electronic nicotine delivery systems and pregnancy: Recent research on perceptions, cessation, and toxicant delivery. *Birth Defects Research*.
- Buck, H.G., Bekelman, D., Cameron, J., Chung, M., Hooker, S., Pucciarelli, G., Stromberg, A., Riegel, B., Vellone, E. (2019). A body of work, a missed opportunity: Dyadic research in older adults. *Journal of the American Geriatrics Society*. 67, 854-855.
- Bugajski, A., Frazier, S.K., Moser, D.K., Chung, M., Lennie, T.A. (2019). Airflow limitation more than doubles the risk for hospitalization/mortality in patients with heart failure. *European Journal of Cardiovascular Nursing*. 18, 245-252.
- Bugajski, A., Frazier, S.K., Moser, D.K., Lennie, T.A., Chung, M. (2019). Psychometric testing of the Multidimensional Scale of Perceived Social Support in patients with comorbid COPD and heart failure. *Heart and Lung*. 48, 193-197.
- Butler, K.M., Huntington-Moskos, L., Rayens, M.K., Wiggins, A.T., Hahn, E.J. (2019). Perceived Synergistic Risk for Lung Cancer After Environmental Report-Back Study on Home Exposure to Tobacco Smoke and Radon. *American Journal of Health Promotion*. 33, 597-600.
- Centimole, Z., Eichhorn, J., Frazier, S.K., Jicha, G.A., Rayens, M.K., Watkins, J.F., Centimole, S.F., Moser, D.K. (2019). A randomized controlled trial of anesthesia guided by bispectral index versus standard care: Effects on cognition. *AANA Journal*. 87, 115-123.
- Chappell, K., Jeong, D., Elchamaa, R., Lundmark, V., Kendall-Gallagher, D., Salt, E., Newhouse, R., Johantgen, M., Reeves, S., Moore, D., Olson, C., Van Hoof, T., Price, D., Campbell, C., Danilovich, N., Kitto, S. (2019). Constructing a Sensitizing Definition of Certification in Nursing for Research Purposes: A Hybrid Methodology Using Consensus-Building Approach. *Journal of Nursing Administration*. 49, 12-18.
- Christian, W.J., Walker, C.J., Huang, B., Hahn, E.J. (2019). Effect of Local Smoke-Free Ordinances on Smoking Prevalence in Kentucky, 2002-2009. *Southern Medical Journal*. 112, 369-375.
- Corbridge, S.J., Melander, S. (2019). Burnout: Going beyond mindfulness to NP-led interprofessional teams. *Nurse Practitioner*. 44, 10-12.
- Darville, A., Hahn, E.J. (2019). E-cigarettes and Atherosclerotic Cardiovascular Disease: What Clinicians and Researchers Need to Know. *Current Atherosclerosis Reports*. 21.
- Fallin-Bennett, A., Aleshire, M., Scott, T., Lee, Y.O. (2019). Marketing of e-cigarettes to vulnerable populations: An emerging social justice issue. *Perspectives in Psychiatric Care*.

- Fallin-Bennett, A., Goodin, A. (2019). Substance Use and School Characteristics in Lesbian, Gay, Bisexual, and Heterosexual High School Students. *Journal of School Health*. 89, 219-225.
- Fallin-Bennett, A., Rademacher, K., Dye, H., Elswick, A., Ashford, K., Goodin, A. (2019). Perinatal Navigator Approach to Smoking Cessation for Women With Prevalent Opioid Dependence. *Western Journal of Nursing Research*. 41, 1103-1120.
- Glassman, S.D., Carreon, L.Y., Brown, M.E., Jones, J.S., Edward, J., Li, J., Williams, M.V. (2019). The impact of health literacy on health status and resource utilization in lumbar degenerative disease. *Spine Journal*. 19, 711-716.
- Goodin, A., Elswick, A., Fallin-Bennett, A. (2019). Mental health disparities and high-risk alcohol use among non-heterosexual high school students. *Perspectives in Psychiatric Care*.
- Haedtke, C.A., Moser, D.K., Pressler, S.J., Chung, M.L., Wingate, S., Goodlin, S.J. (2019). Influence of depression and gender on symptom burden among patients with advanced heart failure: Insight from the pain assessment, incidence and nature in heart failure study. *Heart and Lung*. 48, 201-207.
- Hahn, E.J., Butler, K.M. (2019). Tobacco and Social Justice. *Western Journal of Nursing Research*. 41, 1099-1102.
- Hahn, E.J., Huntington-Moskos, L., Mundy, M., Rademacher, K., Wiggins, A.T., Rayens, M.K., Studts, J.L., Butler, K.M. (2019). A Randomized Trial to Test Personalized Environmental Report Back to Reduce Lung Cancer Risk. *Health Education and Behavior*. 46, 165-175.
- Hahn, E.J., Ickes, M.J., Wiggins, A., Kay Rayens, M., Polivka, B.J., Whelan Parento, E. (2019). Short- and Long-Term Effects of a Tobacco-Free Executive Order on Employee Tobacco Use. *Policy, Politics, and Nursing Practice*. 20, 74-81.
- Hammash, M., McEvedy, S.M., Wright, J., Cameron, J., Miller, J., Ski, C.F., Thompson, D.R., Biddle, M.J., Wimsatt, A., Schrader, M., Smith, R.V., Chung, M.L., Moser, D.K. (2019). Perceived control and quality of life among recipients of implantable cardioverter defibrillator. *Australian Critical Care*. 32, 383-390.
- Hampton, D. (2019). The importance of boundary management. *Nursing management*. 50, 51-54.
- Hampton, D., Rayens, M.K. (2019). Impact of psychological empowerment on workplace bullying and intent to leave. *Journal of Nursing Administration*. 49, 179-185.
- Hampton, D., Tharp-Barrie, K., Kay Rayens, M. (2019). Experience of nursing leaders with workplace bullying and how to best cope. *Journal of Nursing Management*. 27, 517-526.
- Hawes, N.J., Wiggins, A.T., Reed, D.B., Hardin-Fanning, F. (2019). Poor sleep quality is associated with obesity and depression in farmers. *Public Health Nursing*. 36, 270-275.
- Heath, J., Aker, R., Feld, H., Singer, R.L., Norton, J. (2019). A pilot interprofessional program to promote oral health and wellness in Appalachian children. *Journal of Professional Nursing*.

- Heo, S., McSweeney, J., Prewitt, T.E., Lee, J.Y., Moser, D.K., Shaw-Devine, A., Morell, A., Kim, J., Yeary, K.H.K. (2019). A Tailored Dietary Sodium Intervention Using Technology and Psychosocial Support: A Pilot Study. *Journal of Cardiovascular Nursing*. 34, 137-140.
- Heo, S., McSweeney, J., Tsai, P.-F., Ounpraseuth, S., Moser, D.K., Kim, J. (2019). The Associations of Diagnoses of Fatigue and Depression with Use of Medical Services in Patients with Heart Failure. *Journal of Cardiovascular Nursing*. 34, 289-296.
- Heo, S., Moser, D.K., Lennie, T.A., Grudnowski, S., Kim, J., Turrise, S. (2019). Patients' Beliefs About Causes and Consequences of Heart Failure Symptoms. *Western Journal of Nursing Research*.
- Howie-Esquivel, J., Dracup, K., Whooley, M.A., McCulloch, C., Jin, C., Moser, D.K., Clark, R.A., Pelter, M.M., Biddle, M., Park, L.G. (2019). Rapid 5 lb weight gain is not associated with readmission in patients with heart failure. *ESC Heart Failure*. 6, 131-137.
- Ickes, M., Hester, J.W., Wiggins, A.T., Rayens, M.K., Hahn, E.J., Kavuluru, R. (2019). Prevalence and reasons for Juul use among college students. *Journal of American College Health*.
- Ickes, M.J., Butler, K., Wiggins, A.T., Rayens, M.K., Hahn, E.J. (2019). Support for Tobacco 21 in a Tobacco-Growing State. *Western Journal of Nursing Research*. 41, 1203-1215.
- Ickes, M.J., Wiggins, A., Rayens, M.K., Edwards, J., Hahn, E.J. (2019). Employee Adherence to a Tobacco-Free Executive Order in Kentucky. *American Journal of Health Promotion*. 33, 24-29.
- Inman, D.D., Matthews, J., Butcher, L., Swartz, C., Meadows, A.L. (2019). Identifying the risk of suicide among adolescents admitted to a children's hospital using the Ask Suicide-Screening Questions. *Journal of Child and Adolescent Psychiatric Nursing*. 32, 68-72.
- Jones, M., Scarduzio, J., Mathews, E., Holbrook, P., Welsh, D., Wilbur, L., Carr, D., Cary, L.C., Doty, C.I., Ballard, J.A. (2019). Individual and Team-Based Medical Error Disclosure: Dialectical Tensions Among Health Care Providers. *Qualitative Health Research*. 29, 1096-1108.
- Kavuluru, R., Han, S., Hahn, E.J. (2019). On the popularity of the USB flash drive-shaped electronic cigarette Juul. *Tobacco Control*. 28, 110-112.
- Kehler, S., Rayens, M.K., Ashford, K. (2019). Determining Whether Hypertensive Status and Stress Level Are Associated With Inflammatory Markers. *Biological Research for Nursing*. 21, 245-252.
- Kenner, C., Ashford, K., Badr, L.K., Black, B., Bloch, J., Mainous, R., McGrath, J., Premji, S., Sinclair, S., Terhaar, M., Verklan, M.T., Walden, M., Walker, D.S., Yeo, S., Zekas, L.B., Kostas-Polston, E.A., Greenberg, C.S., Boykova, M. (2019). Corrigendum to "Reducing Preterm Births in the United States". *Nursing Outlook*. 67, 132.
- Knafel, G.J., Moser, D.K., Wu, J.-R., Riegel, B. (2019). Discontinuation of angiotensin-converting enzyme inhibitors or beta-blockers and the impact on heart failure hospitalization rates. *European Journal of Cardiovascular Nursing*.
- Lee, K.S., Feltner, F.J., Bailey, A.L., Lennie, T.A., Chung, M.L., Smalls, B.L., Schuman, D.L., Moser, D.K. (2019). The relationship between psychological states and health perception in

- individuals at risk for cardiovascular disease. *Psychology Research and Behavior Management*. 12, 317-324.
- Lee, S.J., Sanders-Jackson, A., Fallin-Bennett, A., Tan, A.S.L. (2019). Comparing the effects of organic, natural, and no additives labels on tobacco packaging between Lesbian, Gay, Bisexual (LGB) and heterosexual smokers. *Addictive Behaviors*. 91, 175-179.
- McKee, G., Mooney, M., O'Donnell, S., O'Brien, F., Biddle, M.J., Moser, D.K. (2019). A cohort study examining the factors influencing changes in physical activity levels following an acute coronary syndrome event. *European Journal of Cardiovascular Nursing*. 18, 57-66.
- McPeake, J., Hirshberg, E.L., Christie, L.M., Drumright, K., Haines, K., Hough, C.L., Meyer, J., Wade, D., Andrews, A., Bakhru, R., Bates, S., Barwise, J.A., Bastarache, J., Beesley, S.J., Boehm, L.M., Brown, S., Clay, A.S., Firshman, P., Greenberg, S., Harris, W., Hill, C., Hodgson, C., Holdsworth, C., Hope, A.A., Hopkins, R.O., Howell, D.C.J., Janssen, A., Jackson, J.C., Johnson, A., Kross, E.K., Lamas, D., MacLeod-Smith, B., Mandel, R., Marshall, J., Mikkelsen, M.E., Nackino, M., Quasim, T., Sevin, C.M., Slack, A., Spurr, R., Still, M., Thompson, C., Weinhouse, G., Wilcox, M.E., Iwashyna, T.J. (2019). Models of Peer Support to Remediate Post-Intensive Care Syndrome: A Report Developed by the Society of Critical Care Medicine Thrive International Peer Support Collaborative. *Critical Care Medicine*. 47, E21-E27.
- Miller, J.L., Chung, M.L., Etaee, F., Hammash, M., Thylén, I., Biddle, M.J., Elayi, S.C., Czarapata, M.M., McEvedy, S., Cameron, J., Haedtke, C.A., Ski, C.F., Thompson, D.R., Moser, D.K. (2019). Missed opportunities! End of life decision making and discussions in implantable cardioverter defibrillator recipients. *Heart and Lung*. 48, 313-319.
- Miller, J.L., Thylén, I., Elayi, S.C., Etaee, F., Fleming, S., Czarapata, M.M., Lennie, T.A., Moser, D.K. (2019). Multi-morbidity burden, psychological distress, and quality of life in implantable cardioverter defibrillator recipients: Results from a nationwide study. *Journal of Psychosomatic Research*. 120, 39-45.
- Mooney, M., McKee, G., McDermott, E., O'Donnell, S., Ryan, P., Moser, D., O'Brien, F. (2019). Patients' knowledge and opinions of ICDs during life, illness and at the time of death. *British Journal of Nursing*. 28, 446-451.
- O'Donnell, S., Monahan, P., McKee, G., McMahan, G., Curtin, E., Farrell, S., Moser, D. (2019). Towards prompt electrocardiogram acquisition in triage: Preliminary testing of a symptom-based clinical prediction rule for the Android tablet. *European Journal of Cardiovascular Nursing*. 18, 289-298.
- Odom-Forren, J. (2019). A Culture of Safety—Whose Responsibility?. *Journal of Perianesthesia Nursing*. 34, 223-225.
- Odom-Forren, J. (2019). Health Disparities Do Exist. *Journal of Perianesthesia Nursing*. 34, 673-675.
- Odom-Forren, J., Brady, J., Rayens, M.K., Sloan, P. (2019). Perianesthesia Nurses' Knowledge and Promotion of Safe Use, Storage, and Disposal of Opioids. *Journal of Perianesthesia Nursing*.

- Okoli, C.T.C., Otachi, J.K., Seng, S. (2019). Assessing opinions and barriers to providing evidence-based tobacco treatment among health care providers within an in-patient psychiatric facility. *Journal of Mental Health*.
- Okoli, C.T.C., Seng, S. (2019). Correlates of Tobacco Use and Consumption Among Hospitalized Psychiatric Patients. *Western Journal of Nursing Research*. 41, 1121-1136.
- Okoli, C.T.C., Seng, S. (2019). Factors Associated with the Initial Sensations of Smoking among Smokers with Mental Illness. *Issues in Mental Health Nursing*. 40, 798-804.
- Park, J., Moser, D.K., Griffith, K., Harring, J.R., Johantgen, M. (2019). Exploring Symptom Clusters in People With Heart Failure. *Clinical Nursing Research*. 28, 165-181.
- Parrish, E. (2019). Violence against nurses: Increased awareness. *Perspectives in Psychiatric Care*. 55, 139.
- Parrish, E. (2019). Immigration, apprehension, detainment, deportation, and the associated trauma. *Perspectives in Psychiatric Care*. 55, 359.
- Pauly, N., Talbert, J., Parsley, S., Gray, B., Hahn, E.J. (2019). Kentucky's Smoking Cessation Quitline: Annual Estimated Return on Investment to Employers. *American Journal of Health Promotion*. 33, 285-288.
- Pericot-Valverde, I., Elliott, R.J., Priest, J.S., Barret, T., Yoon, J.H., Miller, C.C., Okoli, C.T.C., Haliwa, I., Ades, P.A., Gaalema, D.E. (2019). Patterns of tobacco use among smokers prior to hospitalization for an acute cardiac event: Use of combusted and non-combusted products. *Preventive Medicine*.
- Riegel, B., Barbaranelli, C., Carlson, B., Sethares, K.A., Daus, M., Moser, D.K., Miller, J., Osokpo, O.H., Lee, S., Brown, S., Vellone, E. (2019). Psychometric Testing of the Revised Self-Care of Heart Failure Index. *Journal of Cardiovascular Nursing*. 34, 183-192.
- Saleh, Z.T., Connell, A., Lennie, T.A., Bailey, A.L., Elshatarat, R.A., Yousef, K., Moser, D.K. (2019). Cardiovascular Disease Risk Predicts Health Perception in Prison Inmates. *Clinical Nursing Research*. 28, 235-251.
- Sarna, L., Hollen, P.J., Heath, J., Bialous, S.A. (2019). Increased adoption of smoke-free policies on campuses with schools of nursing. *Nursing Outlook*.
- Seng, S., Otachi, J.K., Okoli, C.T.C. (2019). Reasons for Tobacco Use and Perceived Tobacco-Related Health Risks in an Inpatient Psychiatric Population. *Issues in Mental Health Nursing*.
- Shojaei, I., Salt, E.G., Bazrgari, B. (2019). A prospective study of lumbo-pelvic coordination in patients with non-chronic low back pain. *Journal of Biomechanics*.
- Smith, J.L., Lennie, T.A., Chung, M.L., Mudd-Martin, G. (2019). Dietary Sodium Intake is Predicted by Antihypertensive Medication Regimen in Patients with Heart Failure. *Journal of Cardiovascular Nursing*. 34, 313-318.

- Thomson, P., Howie, K., Mohan, A.R.M., Chung, M.L. (2019). Evaluating perceptions of self-efficacy and quality of life in patients having coronary artery bypass grafting and their family caregivers. *Journal of Cardiovascular Nursing*. 34, 250-257.
- Tsai, M.-F., Tsay, S.-L., Moser, D., Huang, T.-Y., Tsai, F.-C. (2019). Examining symptom trajectories that predict worse outcomes in post-CABG patients. *European Journal of Cardiovascular Nursing*. 18, 204-214.
- Unrine, J.M., Slone, S.A., Sanderson, W., Johnson, N., Durbin, E.B., Shrestha, S., Hahn, E.J., Feltner, F., Huang, B., Christian, W.J., Mellon, I., Orren, D.K., Arnold, S.M. (2019). A case-control study of trace-element status and lung cancer in Appalachian Kentucky. *PLoS ONE*. 14.
- Vest, A.R., Chan, M., Deswal, A., Givertz, M.M., Lekavich, C., Lennie, T., Litwin, S.E., Parsly, L., Rodgers, J.E., Rich, M.W., Schulze, P.C., Slader, A., Desai, A. (2019). Nutrition, Obesity, and Cachexia in Patients With Heart Failure: A Consensus Statement from the Heart Failure Society of America Scientific Statements Committee. *Journal of Cardiac Failure*. 25, 380-400.
- Wiggins, A.T., Huntington-Moskos, L., Rayens, E.A., Rayens, M.K., Noland, M., Butler, K., Hahn, E.J. (2019). Tobacco Use Among Rural and Urban US Middle and High School Students: National Youth Tobacco Survey, 2011-2016. *Journal of Rural Health*.
- Williams, L.B., McCall, A., Joshua, T.V., Looney, S.W., Tingen, M.S. (2019). Design of a Community-Based Lung Cancer Education, Prevention, and Screening Program. *Western Journal of Nursing Research*. 41, 1152-1169.
- Wolford, J., Hampton, D., Tharp-Barrie, K., Goss, C. (2019). Establishing a nurse residency program to boost new graduate nurse retention. *Nursing Management*. 50, 45-49.
- Wu, J.-R., Song, E.K., Moser, D.K., Lennie, T.A. (2019). Dietary Vitamin C Deficiency Is Associated with Health-Related Quality of Life and Cardiac Event-free Survival in Adults with Heart Failure. *Journal of Cardiovascular Nursing*. 34, 29-35.

Research Profile: Amanda Fallin-Bennett, PhD, RN



Dedicated Program of Research

Amanda Fallin-Bennett, PhD, RN, Assistant Professor and Co-Director of the UK Perinatal Research and Wellness, has experience leading both community and clinically based research funded by NIH as well as other private non-profit agencies. Early in her faculty career at UK, she earned a position as a K12 scholar in the NIDA-funded Building Research Careers in Women's Health program. She led a large-scale, community engaged qualitative study to explore tobacco treatment among pregnant and parenting women with substance use disorders. Based on this research, she received a five-year contract to implement Get Fit and Quit, a novel tobacco treatment program that incorporates group cessation counseling and physical activity, at a residential substance use disorder treatment facility for women. Dr. Fallin-Bennett was also the PI or Multi-PI on six other studies focusing on tobacco treatment for pregnant and post-partum women, one of which is a NIDA funded R34 involving the nationally recognized PATHways/Beyond Birth program for women with opioid use disorder.



Research Translation

Dr. Fallin-Bennett has also found a home for the integration of her academic pursuits and service to her community as co-founder and Program Director of Voices of Hope, a recovery community organization that helps people in early recovery from drug and alcohol addiction stay in recovery. In her role at Voices of Hope,

Dr. Fallin-Bennett developed, implemented, and evaluated peer-delivered recovery support services. Her work there became an example of translational research when she became a Co-I on the NIDA funded \$87 million HEAL (Helping End Addiction Long-term) grant to reduce opioid use related morbidity and mortality in Kentucky- one of the most heavily affected areas of the country. She will leverage her role at Voices of Hope to provide and measure recovery support services and promote community-based engagement. Through her work in this area, Dr. Fallin-Bennett received the highly competitive national Faces and Voices of Recovery's 2019 Vernon Johnson Recovery Advocate Award.

Current Funding (PI and Co-I)

Primary Investigator Sponsor	Title	Total Award Amount
National Cancer Institute (R37)	Adoption of Smoke-free Laws and Voluntary Policies in Rural Communities in Southern States	\$2,327,683
National Institute on Drug Abuse (UM1)	Kentucky CAN HEAL (Communities and Networks Helping End Addiction Long-term)	\$87,000,000
National Institute on Drug Abuse (R34)	Behavioral and Enhanced Perinatal Intervention for Cessation (B-EPIC): Reducing Tobacco use among Opioid Addicted Women	\$688,500
State of Kentucky	Community Partnerships for Tobacco Use Prevention	\$852,453
National Center for Advancing Translational Science (UL1)	Kentucky Center for Clinical and Translational Science	\$3,632,713
Rita and Alex Hillman Foundation <i>Innovations in Care</i>	Nightingale Perinatal Assistance and Treatment Home (PATHways) Program	\$600,000

Select Publications

1. **Fallin-Bennett, A.**, Parker, K., Miller, A., Ashford, K., & Hahn, E.J. (2018). Smoking and tobacco-free policy in women’s residential substance use disorder treatment facilities: A community engaged approach. *Nicotine & Tobacco Research*, 20(11), 1386-1392. PMID: PMC6154983
2. **Fallin-Bennett, A.** & Ashford, K. (2017). Tailoring a NICU-based tobacco treatment program for mothers who are dependent on opioids. *Journal of Obstetric, Gynecologic & Neonatal Nursing*, 46, 660-668. PMID: PMC5693353
3. **Fallin, A.**, Miller, A. & Ashford, K. (2016). Smoking among pregnant women in outpatient treatment for opioid addiction: A qualitative inquiry. *Nicotine & Tobacco Research*, 18(8), 1727-1732. PMID: 27083420
4. **Fallin, A.**, Miller, A., Assef, S., & Ashford, K. (2016). Perceptions of electronic cigarettes among Medicaid eligible pregnant and postpartum women. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 45(3), 320-325. PMID: PMC5914445

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