



Student Research Week 2020

Congratulations

Congratulations to Award Winners from the School of Nursing!

1st Place: Ashley James, BSN, RN and Julie Vereen, BSN, RN

Title of Poster: Implantable Cardioverter Defibrillators: Their Impact on Quality of Life

2nd Place: Matt Ellis and Troy Faulkner

Title of Poster: Corneal Abrasion Management Guidelines

3rd Place: Elana Sherwood and Janelle Calloway

Title of Poster: Best Practice: Adolescent Substance Abuse Disorder

Thank you to all judges who participated: Cathy Lovett, Ann Hagstrom, Amy Boothe, and Patti White

INSIDE THIS ISSUE:

1.....Student Research Week

5.....Message from the CRI Office

6.....Spring Qualtrics Workshop

7.....Faculty Accomplishments

1st Place Winners:



Implantable Cardioverter Defibrillators: Their Impact on Quality of Life

Ashley James, BSN, RN and Julie Vereen, BSN, RN
Texas Tech University Health Sciences Center



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER
School of Nursing

Introduction

- The purpose of this research is to evaluate and appraise multiple studies with various levels of evidence to determine if an implantable cardioverter defibrillator is effective in improving quality of life in older adults with ischemic heart disease. Our research was guided by the following PICOT question: In older adults with ischemic heart disease (P), how does the implantable cardioverter defibrillator (ICD) (I) as compared to medical treatment without an ICD (C) improve quality of life (QoL) (O) in 6 months (T)?

Background Questions:

- What are the recommendations needed to determine candidacy for an ICD?
- How does an ICD impact QoL?
- How does alternative medical treatment without an ICD improve QoL?
- What is the preferred method of treatment to improve QoL for ischemic heart disease?

Foreground Questions:

- In older adults, how does an ICD compared to alternative medical therapies impact QoL?
- In older adults with ischemic heart disease, what is the best approach to improve QoL?
- Our literature search identified four different studies to best answer the PICOT question: a randomized control trial (RCT) (Level II), a qualitative study (Level VI), a clinical practice guideline (Level VII), and a systematic review (Level I).

Appraisal of the Evidence

Consistency

- All four research studies discussed QoL for patients with an ICD, but not all compared or discussed alternative medical therapies.
- A common theme or intervention compared QoL in patients receiving a shock to those who had not.
- In the RCT, a web-based intervention was used to compare shock related anxiety in ICD patients and improve QoL as compared to usual care (Yardimci and Mert, 2017).
- The qualitative study evaluated the lived experiences in patients with an ICD (Humphreys, Lowe, Rance, and Bennett, 2016).
- The objective of the systematic review was to explore the QoL in patients with an ICD compared to those receiving medical treatment; however, ICDs provide survival advantage over medical treatment, and randomization allocation of implementation of an ICD and medical treatment may be unethical (Tomzik, Koltermann, Zabel, Willich, and Reinhold, 2015).
- The systematic review and clinical practice guideline were consistent in concluding that there are no common trends or significant impacts of ICDs improving QoL.

Effectiveness

- Interventions for ICDs include: education on size of device, shock force, lifestyle modifications, physical appearance, and psychological support.
- These interventions can decrease anxiety and better prepare individuals who require an ICD.
- In the RCT, there was no overall significant difference in QoL scores in the intervention and control groups from a web-based intervention (Yardimci and Mert, 2017).
- In the qualitative study, all participants reported experiencing multiple losses leading to anxiety and depression from a cardiac arrhythmia resulting in an ICD (Humphreys, Lowe, Rance, and Bennett, 2016).

- The systematic review identified no consensus in regards to ICDs improving QoL (Tomzik et al., 2015).
- Due to no common trend identified in QoL of patients who receive ICDs, patient education is recommended in all studies to support providers in clinical practice.
- Conclusions made from synthesis of the literature suggest there is no significant effect of an ICD improving QoL; however, due to the small amount of studies and various designs and limitations, the current trend is not considered firm and remains to be reproduced.

Patient Preferences and Values

- There is no discussion by the authors of patient preferences and values across all research studies.
- Patient preferences were not discussed due to ICDs provide survival advantage over medical treatment and would be unethical to randomize individuals from implementation of ICD and medical treatment (Tomzik et al., 2015).



Recommendations for Best Nursing Practice

- According to the evidence-based practice guideline, an ICD is recommended if chance of survival is greater than one year in patients who have a left ventricular ejection fraction of 35% or less from ischemic heart disease, 40 days post myocardial infarction, 90 days post revascularization and have a function status of New York Heart Association classification of II or III extent of heart failure (Al-Khatib et al., 2018).
- ICDs have not shown a significant impact on improving QoL in RCT studies (Al-Khatib et al., 2018).
- Selection for an ICD must be individualized to the patient and education on positive and negative effects is needed (Al-Khatib et al., 2018).

References

- Al-Khatib, S. M., Stevenson, W. G., Ackerman, M. J., Bryant, W. J., Callans, D. J., Curtis, A. B., ... Page, R. L. (2018). 2017 AHA/ACC/HRS guideline for management of patients with ventricular arrhythmias and the prevention of sudden cardiac death: A report of the American College of Cardiology Foundation/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society. *Circulation*, 138, 272-391. doi: 10.1161/CTR.0000000000000549.
- Humphreys, N. K., Lowe, R., Rance, J., & Bennett, P. D. (2016). Living with an implantable cardioverter defibrillator: The patients' experience. *Heart & Lung*, 45(1), 34-40. doi: 10.1016/j.hrtng.2015.10.001
- Tomzik, J., Koltermann, K. C., Zabel, M., Willich, S. N., & Reinhold, T. (2015). Quality of life in patients with an implantable cardioverter defibrillator: A systematic review. *Frontiers in Cardiovascular Medicine*, 2. doi: 10.3389/fcvm.2015.00054
- Yardimci, T., & Mert, H. (2017). Web-based intervention to improve implantable cardioverter defibrillator patients' shock-related anxiety and quality of life: A randomized controlled trial. *Clinical Nursing Research*, 28(2), 150-161. doi: 10.1177/1055773817741427



2nd Place Winners:



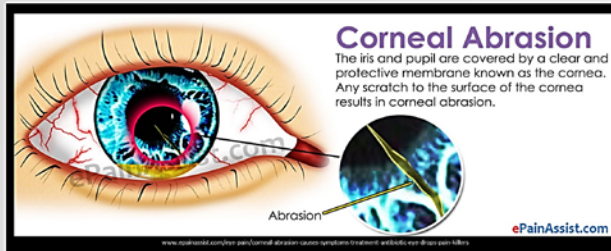
Corneal Abrasion Management Guidelines

Matt Ellis & Troy Faulkner

Texas Tech University Health Sciences Center



TEXAS TECH UNIVERSITY
 HEALTH SCIENCES CENTER
 School of Nursing



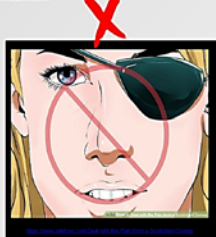
Introduction

Patching for corneal abrasions has been a treatment for decades. Is this practice outdated or is patching still an effective treatment method for eye injuries?

PICOT Question: In adults with corneal abrasions (P), does the use of an eye patch over the injured eye, along with antibiotic ointment (I), compared to using antibiotic ointment alone (C), heal the abrasion faster and (O) within a 72 hour period (T)?

Foreground Questions:
 In adults with a non-infected corneal abrasion, how does the use of an antibiotic ointment and a patch, compare to just using an antibiotic ointment, decrease healing time? Does the use of an eye patch for corneal abrasions delay healing time?

Background Questions:
 In adults with a non-infected corneal abrasions, what is the best nursing practice to treat this injury? Is using an eye patch for corneal abrasions still an effective method of treatment?



Appraisal of the Evidence

Consistency

- Consistency:
- (Menghini, 2013)
 - No difference in patch and no patch groups
 - Treat according to patient needs and preferences
 - (Kaiser, 1995), (Lim, 2015), (Ross, 2017)
 - Recommend use of antibiotic ointment
 - Patch is outdated practice and may delay healing time
 - Recommendations consistent across all four studies
 - All four articles suggested patching is inadequate current practice
 - No contradictions identified

Effectiveness

- Results & Findings
- Level of evidence adequate for practice adjustments
 - Eye Patch + Antibiotic
 - No increased benefits of patching^{1,2,3,4}
 - Patching increases risk for infection¹
 - Increase corneal temperature
 - Delay healing process^{1,2}
 - Decrease corneal oxygenation¹
 - Antibiotic Only
 - Healing time decreased^{2,3}
 - Antibiotic compliance increased¹
 - Easy access to eye
 - Patient comfort increased

Patient Preferences and Values

- (Kaiser, 1995), (Lim, 2015), (Ross, 2017)
 - Studies implied patient comfort as directive for treatment
 - Patients prefer no patch
 - Easy access to eye
 - No monocular vision complications
 - Social stigmatization concerns with patch
 - Most patients complained of foreign body sensation
 - 33 patients out of 153 removed patch due to discomfort or securement complications
- (Menghini, 2013)
 - Eye patch use dependent on needs & preferences of the patient
 - Protect injured eye from airborne foreign bodies and sunlight exposure

Recommendations for Best Nursing Practice

PICOT Result: Patching the affected eye for corneal abrasion injuries does not heal the abrasion faster, and may actually lead to increased pain and increased probability of complications in the healing process

- Avoid patching eye
- NSAID drops for analgesia not recommended
- Bandage contact lens for pain control
- Ophthalmology consult recommended for deep abrasion, recurrent erosion syndrome, or signs of infection
- Good antibiotic stewardship
 - Prophylactic 2nd gen. fluoroquinolone topical antibiotics recommended for non-contact wearers
 - 4th gen. Fluoroquinolone drops for contact wearers
- Patient education
 - Seek medical attention if symptoms persist for more than three days, increased drainage, vision loss, pain out of proportion to injury, or signs of worsening condition
 - Use extra caution when driving vehicles or operating machinery
 - Avoid scratching or touching the eye and contact lenses until approved by physician
 - Utilize eye protection glasses as necessary
 - May have decreased depth perception
 - Administer prescribed medicines as directed



References

1. Kaiser, P. (1995). A Comparison of Pressure Patching versus No Patching for Corneal Abrasions due to Trauma or Foreign Body Removal. *Ophthalmology*, 1936-1942.
2. Lim, C., Turner, A., & Lim, B. (2016). Patching for corneal abrasion (Review). *Cochrane Database of Systematic Reviews*, 1-63. <http://dx.doi.org/10.1002/14651858.CD004764.pub3>
3. Menghini, M. K. (2013). Treatment of Traumatic Corneal Abrasions: A Three-Arm, Prospective, Randomized Study. *Ophthalmic Research*, 13-18.
4. Ross, M., & Deschênes, J. (2017). Practice patterns in the interdisciplinary management of corneal abrasions. *Canadian Journal of Ophthalmology*, 52(6), 548-551. <http://dx.doi.org/https://doi.org.ezproxy.ttuhscc.edu/10.1016/j.cjco.2017.03.016>

3rd Place Winners:



Best Practice: Adolescent Substance Abuse Disorder Elana Sherwood and Janelle Calloway Texas Tech University Health Sciences Center



Introduction

PICOT

- In adolescents with substance abuse disorders (P), how will nursing interventions such as counseling and active listening (I) compared to daily medication administration (C) affect behavior (O) over a 12 week period (T)?

Background

- What defines substance abuse in adolescents?
- What are the clinical manifestations of substance abuse?
- How much use of a substance classifies an abuse disorder?
- What current screening approaches are being used?

Foreground

- What is the best approach in prediction of substance abuse in adolescents?
- Is psychiatric treatment and parental interventions more effective than medication administration in the treatment of substance abuse disorders in adolescents?

Appraisal of the Evidence

Consistency

- The research methods all involved testing a counseling therapy (12-Step, Addiction Comprehensive Health Enhancement Support System (ACHES), and parenting interventions) to determine abstinence from substances.
- The goal of all the studies was to determine an intervention to achieve abstinence from substance abuse.
- The interventions are consistent across the studies.
- The specific counseling intervention being tested (12-Step, ACHES, and effective parenting intervention, Cognitive Behavior Therapy).
- Outcomes suggest that interventions involving counseling are effective at reducing incidence of substance abuse relapse in adolescents.
- The guideline points out that the use of pharmacological interventions has not been thoroughly tested in adolescents and counseling should be priority.

Effectiveness

Interventions

- 12-Step facilitation (ITSF) treatment program designed to increase days of abstinence and increase attendance
- Parenting interventions of monitoring, discipline, communication, and qualities of parent-youth relationships
- Addiction Comprehensive Health Assessment (ACHES) in an intensive outpatient program offers a continuity of care through mobile app and the ability to foster a virtual supportive access from anywhere at anytime.

Effectiveness of interventions

- All of the interventions tested were effective in verifying the best current practice using interpretation of statistical analysis

Outcomes

- ITSF patients had a greater 12-step attendance and provides an option that is comparable with existing practices
- Low-intensity group parenting interventions are effective in reducing and preventing adolescent substance abuse
- ACHES provided utility in facilitating client and therapist communication and helped to leverage the construction of long-term relationships to avoid high-risk relapses.

Level of Evidence

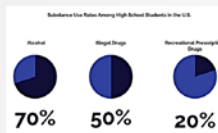
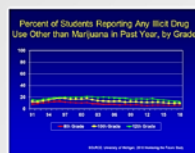
- Level I Systematic Review and Clinical Practice Guideline, Level II RCT, and Level V Peer Review were appraised and supported findings in clinical practice.

Conclusions

- Current recommendations for treatment of substance abuse disorders in adolescents are combining multiple programs and therapies to help achieve current and long term success.
- Programs and counseling are still the preferred treatment over medication therapy in adolescents without severe withdrawal symptoms.

Patient Preferences and Values

- In all the studies the authors considered a degree of patient preferences in terms of at least one of the following
 - Cultural considerations
 - Time needed to participate in study/ intervention
 - Socioeconomic considerations
 - Patient/ Family Motivation



Know the Signs of Underage Drinking and Drug Use		
Mood Changes	Decreased Interest in Activities	Changes in Health
Personality Changes	Increased Secrecy and Lying to Family/Friends	Personal Time That is Unaccounted For
	Changes in Patterns with Friends	

Recommendations for Best Nursing Practice

- Counseling should be a priority for adolescents suffering from substance abuse because prolonged counseling therapy has been shown to reduce incidence of substance abuse relapse.
- Counseling includes cognitive behavior therapy, 12-step, ACHES, and parenting interventions.
- Pharmacological therapies are indicated in situations of withdrawal.

References

Allen, M. L., Garcia-Huidobro, D., C., Curran, D., Patel, R., Miller, J., & Borowsky, I. (2016). Effective Parenting Interventions to Reduce Youth Substance Use: A Systematic Review. *Pediatrics*, 138 (2). Doi: 10.1542/peds.2015-4425

Gaur N, Gautman, Singh S, Raju W, Sarkar S. Clinical Practice Guidelines on Assessment of Substance Abuse Disorder in Children and Adolescents. *Indian J Psychiatry* 2019; doi:61-333-49.

Hussey, D., & Flynn, K.C. (2019). The Utility and Impact of the Addiction Comprehensive Health Enhancement Support System (ACHES) on Substance Abuse Treatment Adherence Among Youth in Intensive Outpatient Program. *Psychiatry Research*, 281, 1-7. doi: 10.1016/j.psychres.2019.112580.

Kelly, J. F., Kaimer, Y., Kahler, C. W., Hoepfner, B., Yeterian, J., Cristello, J. V., & Timko, C. (2017). A Pilot Randomized Clinical Trial Testing Integrated 12-Step Facilitation (ITSF) Treatment for Adolescent Substance Abuse Disorder. *Addiction*, 112 (12), 2155-2166. doi: 10.1111/add.13920.

Special Message from TTUHSC Clinical Research Institute (CRI)

Catherine Lovett, MSN, RN, Managing Director, TTUHSC CRI Office

With restrictions that have been put into place due to COVID-19, the Clinical Research Institute (CRI) personnel are required to work from home. However, while clinical research recruitment for prospective studies has been temporarily put on hold, all of the CRI's other services are unaffected by this crisis. We are still available to help you design your study and prepare your study protocol and other documents. Our biostatisticians are also still hard at work doing data analyses, helping with design, and finalizing publications.

You will follow the same process to access our services that you normally have, starting with submitting a CRI Work Order at this site: <https://app4.ttuhs.edu/CRIWorkOrders/> and attaching your study documents (i.e. draft copy of the protocol, data sheet, survey) or your de-identified data set if you want statistical support. Once the study PI and their Chair (Dr. Ashcraft for all of School of Nursing) sign off on the work order, the CRI will receive it and get to work. You'll be contacted with any question/suggestions we may have regarding the project. If you want the CRI to do your IRB work, once the documents are finalized, we'll get started on that for you.

All of this will happen electronically via computer, e-mail, phone, and iRIS. Zoom is also a great option for meetings to be held where we can discuss ideas "face to face," share documents and answer questions. So, if you find that you have extra time on your hands during this period, why not start to work on that research project you've been thinking about? Go on, you can do it, and the CRI will help!

CRI Contact information:

Website: <https://www.ttuhs.edu/clinical-research/>

Email: clinicalresearch@ttuhs.edu

On-call phone: 806-543-8994



Reminder: APA Style 7th Edition released in October 2019

See specific guidance for Reference Examples in **Chapter 10**:

→ **Journal Articles** – See pp. 316-321

→ **Conference Sessions and Presentations** – See pp. 332-333

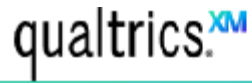
→ **Books and Reference Works** – See pp. 321-325, special emphasis on #20 (Omit "Retrieved from"):
Brown, L. S. (2018). *Feminist therapy* (2nd ed.) American Psychological Association.
<https://doi.org/10.1037/0000092-000>

→ **Edited Book Chapters** – See pp. 326-329, special emphasis on #39 (Omit the publisher location):
Weinstock, R., Leong, G. B., & Silva, J. A. (2003). Defining forensic psychiatry: Roles and responsibilities.
In R. Rosner (Ed.), *Principles and practice of forensic psychiatry* (2nd ed., pp. 7-13). **CRC Press.**

Reminder: iRIS website has changed

Please note that the website link for iRIS has changed. The new url is <https://ttuhs.edu/imedris.net>. Please discard your old link, as it will no longer work.

Spring Qualtrics Training



Want to know more about Qualtrics?

Join us in the Spring for quick Zoom learning sessions on the topics listed below:

Session	Session Title	Date	Time	Instructor
PowerPoint	How to access Qualtrics and an overview of some of the basic features	Monday, March 30	Recording	Christy Simpson
Session #2	Creating a project (types of surveys/forms) and collaborating with others in Qualtrics	Monday, April 13	12:00p – 1:00p	Christy Simpson
Session #3	The most commonly used types of questions in Qualtrics and how to create/edit them (Basic)	Monday, May 11	12:00p – 1:00p	Christy Simpson
Session #4	The most commonly used types of questions in Qualtrics and how to create/edit them (Advanced)	Monday, June 8	12:00p – 1:00p	Christy Simpson
Session #5	Downloading the data from a survey (project) for analysis	Monday, June 22	12:00p – 1:00p	Christy Simpson
Session #6	Tips and tricks to make everything work well (adding page breaks, how to ensure things will look good on a phone or tablet, etc).	Monday, July 13	12:00p – 1:00p	Christy Simpson
Session #7	Logics and scoring	Monday, July 27	12:00p – 1:00p	Kyle Johnson

Zoom <https://ttuhscson.zoom.us/j/563029461>

Zoom recordings and handouts will be available 2-3 days after each session.

****REQUIRED:** Attendees must contact Adam Wood at adam.wood@ttuhsc.edu to set up a Qualtrics account before Session #1.

If you have questions, contact christy.simpson@ttuhsc.edu or heather.russell@ttuhsc.edu

Note: All Qualtrics training materials and recordings will be available on the Box drive in the Research Faculty Collaboration Group folder.

Spring 2020 Journal Publications, Presentations, Honors, & Awards

Journal Publications:

- Ashcraft, A. S., Owen, D. C., Johnson, K., & Song, H. (2019). Long term care feasibility of nursing home LVNs using an algorithm-guided assessment support tool. *Innovation in Aging*, 3(Suppl 1), S506-S507. <https://doi.org/10.1093/geroni/igz038.1873>
- Batcheller, J., Yoder-Wise, P., & Williams, S. (2019). Preparing chief nurse successors: An evaluation of the Chief Nursing Officer Academy. *Journal of Nursing Administration*, 49(1), 24-27.
- Boothe, A., Yoder-Wise, P. S., & Gilder, R. (2019). Follow the Leader: Changing the game of hierarchy in health care. *Nursing Administration Quarterly*, 43(1) 76-83.
- Boswell, C., Ashcraft, A., Long, J., Cannon, S., DiVito-Thomas, P., & Delaney, T. (2020). Self-efficacy: Changing the tide of evidence-based practice. *Worldviews on Evidence-Based Nursing*. Advance online publication. <https://doi.org/10.1111/wvn.12434>
- Campbell, L.A., & Anderko, L. (2020). Moving upstream from the individual to the community addressing social determinants of health. *The Journal of School Nursing*. Advanced online publication. <https://journals.sagepub.com/doi/full/10.1177/1942602X20902462>
- Campbell, L. A., Harmon, M. J., Joyce, B. L., & Little, S. H. (2020). Quad Council Coalition community/public health nursing competencies: Building consensus through collaboration. *Public Health Nursing*, 37(1), 96-112. <https://onlinelibrary.wiley.com/doi/10.1111/phn.12666>
- Cherry, B., Caramanica, L., Everett, L. Q., Fennimore, L., & Scott, E. (2019). Leveraging the power of board leadership in professional nursing organizations. *Journal of Nursing Administration*, 49(11), 517-519.
- Crenshaw, J. T., Adams, E. D., Gilder, R. E., DeButy, K., & Scheffer, K. L. (2019). Effects of skin-to-skin during cesareans: A quasi-experimental pilot feasibility study. *Breastfeeding Medicine*, 14(10). <https://doi.org/10.1089/bfm.2019.0202>
- Edmonds, J. K., Kneipp, S. M., & Campbell, L. A. (2020). Call to action for public health nurses during the COVID-19 pandemic [Editorial]. *Public Health Nursing*, 00: 1-2. <https://onlinelibrary.wiley.com/doi/full/10.1111/phn.12733>
- Fuselier, A., Sanchez, L., Gonzales, M., Hall, M., & Boswell, C. A. (2019). The road to PTAP accreditation success. *Nursing Management*, 50(12), 44-49. <https://doi.org/10.1097/01.NUMA.0000605160.65316.12>
- Gautam, B., Rogge, M. M., Acharya, N., Keesari, R., & Almekdash, H. (2020). Obesogenic toxicants in breast milk of lactating women: Investigation of a risk factor for childhood obesity. *Biological Research for Nursing*, 22(2), 295-301. <https://doi.org/10.1177/1099800420909151>
- Gonzales, M., Sanchez, L., Fuselier, A., & Boswell, C. A. (2019). The trials and success on the way to PTAP Accreditation. *Nursing Management*, 50(23), 44-49. <https://doi.org/10.1097/01.NUMA.0000605160.65316.12>
- Hall, M., & Boswell, C. A. (2019). Improving pain management through better documentation. *Nursing made Incredibly Easy!* 17(6), 9-12. <https://doi.org/10.1097/01.NME.0000585100.09505.34>
- Hill, T., Cherry, B., LeClair-Smith, C., & Williams, T. (2020). A unique strategy to address nurse leader fatigue. *Journal of Nursing Administration*, 50(2), 66-71. <https://doi.org/10.1097/nna.0000000000000844>

- Horyna, T. J., Jimenez, R., McMurry, L., Buscemi, D., Cherry, B., & Seifert, C. F. (2020) An evaluation of interprofessional patient navigation services in high utilizers at a county tertiary teaching health system. *Journal of Healthcare Management*, 65(1), 62-70.
- Johnson, B. K. (2020). Observational experiential learning: Theoretical support for observer roles in health care simulation. *Journal of Nursing Education* 59(1), 7-14.
<https://doi.org/10.3928/01484834-20191223-03>
- Long, J. D., Dodd, S. L., Boswell, C. A., O'Boyle, M. W., & Rogers, T. (2020). Integrative review of dietary choice revealed by fMRI: Considerations for obesity prevention and weight-loss education. *Worldviews on Evidence-based Nursing*, 17(2), 151-157. <https://doi.org/10.1111/wvn.12424>
- Owen, A. M., Gary, A., & Schnetter, V. (2020). Nursing care of patients with autism spectrum disorder. *Nursing Made Incredibly Easy*, 18(2), 28-36.
<https://doi.org/10.1097/01.nme.0000653180.86134.05>
- Owen, D. C., & Ashcraft, A. S. (2019). Creating shared meaning: A communication intervention in nursing homes. *Research in Gerontological Nursing*, 12(3), 121-132.
- Pullen. R. L. (2020). A clinical review of primary biliary cholangitis. *Gastroenterology Nursing*, 43(2):E48-E55. <https://doi.org/10.1097/SGA.0000000000000480>
- Pullen, R. L., & Ruiz, G. A. (2019). Management of alcohol-induced peripheral neuropathy. *Nursing Made Incredibly Easy*, 17(6), 28-36.
<https://doi.org/10.1097/01.NME.0000585072.80796.bd>
- Song, H., Hughes, J. R., Turner, R. T., Iwaniec, U. T., Doerge, D. R., & Helferich, W. G. (2020). (±)-Equol does not interact with genistein on estrogen-dependent breast tumor growth. *Food and Chemical Toxicology*, 136. <https://doi.org/10.1016/j.fct.2019.110979>
- Spiegelberg, J., Song, H., Pun, B., Webb, P., & Boehm, L. M. (2020). Early identification of delirium in intensive care unit patients: Improving the quality of care. *Crit Care Nurse*, 40(2), 33-43.
- Stansell, C., & Cherry, B. (2020). Ventilator management for the pediatric patient during air medical transport. *Air Medical Journal*, 39(1), 27-34. <https://doi.org/10.1016/j.amj.2019.09.011>
- Yoder-Wise, P. S. (2019). The power of yet. *Nursing Education Perspectives*. *The Journal of Continuing Education in Nursing*, 40(6), 315. <https://doi.org/10.1097/01.nep.0000000000000599>
- Yoder-Wise, P. S. (2019). A framework for planned policy change. *Nurs Forum* 55(1), 45-53.
<https://doi.org/10.1111/nuf.12381>
- Yoder-Wise, P. S. (2019). A letter to Dorothy Hutchison, founding editor, The Journal of Continuing Education in Nursing—A Celebration of 50 Years of The Journal [Editorial]. *The Journal of Continuing Education in Nursing* 50(1), 3-5. <https://doi.org/10.3928/00220124-20190102-01>
- Young, C. C., & Calloway, S.J. (2020). Assessing mental health stigma: Nurse practitioners' attitudes regarding managing patients with mental health disorders. *Journal of the American Association of Nurse Practitioners*. Advance online publication. <https://doi.org/10.1097/JXX.0000000000000351>

Books:

- Anderson, A. L., & Green, A. E. (2020). Political appointments. In Mason, D. J., Dickson, E., McLemore, M. R., & Perez, G. A. (Eds.), *Policy & politics in nursing and health care* (8th ed., pp. 366-373). Elsevier Inc.
- Boswell, C. A., & Cannon, S. B. (2020). *Introduction to nursing research: Incorporating evidence – based practice* (5th ed.). Jones and Bartlett Learning.

- Ketner, K. L., co-author. (2019). Toward understanding the 'Biology of Mind' Hypothesis. In Bisanz, E. (Ed.), *Applied Interdisciplinary Peirce Studies*. *Peirce Studies* number 10, (pp. 17-57). Peter Lang Group.
- Ketner, K. L. (2019). Peirce's root metaphor within his experimental study of semeiosis. In Bisanz, E. (Ed.), *Applied Interdisciplinary Peirce Studies*. *Peirce Studies* number 10, (pp. 175-187). Peter Lang Group.
- McBride, S., & Tietz, M. (2018). *Nursing informatics for the advanced practice nurse: Patient safety, quality, outcomes, and interprofessionalism* (2nd ed.). Springer Publisher.
- Percy, W. (2019). *Symbol and existence: A study in meaning: Explorations of human nature by Walker Percy*. Ketner, K. L., Perkins, K. L., McDonnell, R. R., & Cunningham, S. R. (Eds.). Mercer University Press.

Podium and Poster Presentations:

- Batcheller, J., Cherry, B., & Yoder-Wise, P. (2019, November 9). *Innovative academic and practice partnerships* [Conference session]. 2019 International Association for Leadership Science in Nursing, Los Angeles, CA, United States.
- Bradley, C. S., Johnson, B. K., Dreifuerst, K.T., Woda, A., Hansen, J., & Loomis, A. (2020, March 26-28). *The DMLES: An instrument to assess competence in debriefing for meaningful learning* [Conference session]. Nursing Education Research Conference, Washington, DC, United States. (Conference cancelled).
- Butzlaff, A., Dang, B., Johnson, B. K., Kardong-Edgren, S., & Schleicher, M. (2020, March 26-28). *Simulation and learning from a distance* [Conference session]. Nursing Education Research Conference, Washington, DC, United States. (Conference cancelled).
- Collins, J., & Burpo, R. (2020, May 29-June 2). *Trauma taskforce: A quality improvement project to evaluate trauma-informed care in an MSN curriculum* [Conference session]. 65th American College of Nurse-Midwives Annual Meeting and Exhibition. (Virtual Conference).
- Collins, J., Argue, E., & Thomas, L. J. (2020, March 18-20). *Freedom wheels: A community-based approach to addressing the social determinants of health for foster care youth* [Poster presentation]. Southern Nursing Research Society, New Orleans, LA, United States. (Conference cancelled).
- Dang, B., Johnson, B. K., Butzlaff, A., & Kardong-Edgren, S. (2020, March 26-28). *Immersive video technology: Highly engaging, cost-efficient, standardized clinical simulations for remote learning* [Conference session]. Nursing Education Research Conference, Washington, DC, United States. (Conference cancelled).
- Johnson, B. K. (2020, March 26-28). *Observers learn the same as participants throughout simulation, debriefing, and over time: The evidence* [Conference session]. Nursing Education Research Conference, Washington, DC, United States. (Conference cancelled).
- Johnson, B. K. (2020, March 26-28). *Predicting students' academic and licensure success: A review of methods for high stakes faculty decision making* [Conference session]. Nursing Education Research Conference, Washington, DC, United States. (Conference cancelled).
- Johnson, B. K., Bradley, C. S., Dreifuerst, K. T., Woda, A., Hansen, J., & Loomis, A. (2020, March 26-28). *Testing knowledge assimilation, accommodation, and anticipation in simulation with debriefing for meaningful learning* [Poster presentation]. Nursing Education Research Conference, Washington, DC, United States. (Conference cancelled).

Owen, A. M., Coffman, T., Duebner, A., & Mwaura, M. (2019, November 16-20). "*Just One*": *Applying leadership principles in hospital settings*. [Poster presentation]. Sigma Theta Tau International 45th Bi-Annual Convention, Washington, DC, United States.

Owen, D. C., Ashcraft, A. S., Johnson, B. K., & Song, H. (2019, November 13-17). *Feasibility of nursing home LVNs using an algorithm-guided assessment support tool*. [Poster presentation]. Gerontological Society of America Conference, Austin, TX, United States.

Yoder-Wise, P. S. (2019, July 30-August 1). *From one academy to another*. [Conference session]. International Academy of Nursing Editors 38th Annual Meeting, Reno, NV, United States.

Blogs:

Yoder-Wise, P. S. (2019, November 8). Making a difference: An anthology of nursing professional development stories. *Association for Nursing Professional Development*.
<https://www.anpd.org/blog/making-a-difference-an-anthology-of-nursing-professional-development-stories-0>

Podcast Presentations:

Sikes, D. L. (Host). (2020, January 15). *Student veterans: Strategies to promote their academic success in nursing programs*. [Audio podcast]. Nurse Educator Tips for Teaching.
<http://nurseeducatorpodcast.libsyn.com/student-veterans-strategies-to-promote-their-academic-success-in-nursing-programs>

Honors/Awards:

Batcheller, J. (2020). Fellow. *American Organization for Nursing Leadership*.

Boswell, C. (2016-2020). Precinct 4 Member. *Permian Regional Medical Center*.

Boswell, C. (2016-2021). Appointed Member. *Statewide Health Coordinating Council*.

Edwards, C. (2020). Elected Member, Commission for Forensic Nursing Certification. *International Association of Forensic Nurses*.

Francis-Johnson, P. (2020). Director of Strategic Planning. *Texas League for Nursing*.

Hagstrom, A. (2020). Finance Committee Member. *Texas League for Nursing*.

Salinas, I. (2020). Nominations Committee. *Texas League for Nursing*.

Silver, C. (2020). Appointed Member, Finance Committee. *Texas League for Nursing*.

Sun, G. (2020-2021). Selected Mentor. *National Organization of Nurse Practitioner Faculties 2020-2021 Faculty Leadership Mentoring Program*.

Thal, W. (2020). Fellow. *American Association of Nurse Practitioners*.

Weaver, C. (2020). Director of Membership. *Texas League for Nursing*.

Grants:

Ashcraft, A. S., Owen, D. C., & Culberson, J. (2020-2021). *Alzheimer's Disease and Urinary Tract Infection: Nursing Home Workflow Encompassing CNA, LVN, and PCP Communication*, \$19,950.00, Garrison Institute on Aging, Lubbock, Texas.

Booth, D., Boswell, C. A., Gonzales, M., Powers, R., & Thomas, J. (2020-2021). *A Rural Nurse Leadership Initiative: Advancing Care Excellence in the Rural Setting (second year)*, \$20,639.88, FNSNA: Foundation of the National Student Nurses' Association, Inc.

Booth, D., Boswell, C. A., Gonzales, M., Powers, R., Thomas, J., & Hilliard, R. (2019-2020). *A Rural Nurse Leadership Initiative: Advancing Care Excellence in the Rural Setting*, \$19,679.88, FNSNA: Foundation of the National Student Nurses' Association, Inc.

Boswell, C. A., Mintz, R., Allen, P. E., & Batcheller, J. (2019-2020). *The Impact of the Doctor of Nursing Practice on the Health Care of Texas*, \$14,917.00, Texas Team in partnership with National Student Nurses Foundation.

Dent, B., Boswell, C. A., Silpo, V., Del Bosco, N., Taylor, K., & Bejil, A. (2019). *Workplace Violence Against Nurses Prevention Grant*, \$65,000.00, Texas Department of State Health Services.



Celebrations: Recent Grant Submissions

- Drs. Donna Owen and Alyce Ashcraft submitted three grants: an R03 grant to NIH-NIA, one to the CH Foundation, and one to the Garrison Institute on Aging. They received the grant from the Garrison Institute on Aging.
- Drs. Linda McMurry, Christina Esperat, and Huaxin Song submitted a grant to HRSA.
- Dr. Huaxin Song was included on a grant with the TTUHSC School of Public Health that was submitted to CPRIT.
- Dr. Pat Allen submitted a grant to Texas Nurses Foundation.
- Drs. Yondell Masten and Kathy Sridaromont submitted two grants: one to the CH Foundation and one to the Sid Richardson Foundation.
- Dr. Debbie Sikes submitted a grant to HRSA.

Who's Working on What?

- ❖ Ashcraft and Owen (LTC)—NIH R03 Grant Resubmission and Garrison Institute Grant for Workflow Study
- ❖ Ashcraft, Rogge, Andersen, and Opton (Tenure-article being revised)
- ❖ Boswell, et al (Impact of DNP Education)—Funded by Team Texas
- ❖ Boswell, et al (Rural Nurse Leadership Initiative)—Funded by Team Texas
- ❖ Boswell, et al (Workplace Violence)—Funded by DHHS
- ❖ Calloway (Mental Health)
- ❖ Collins and Thomas (Foster Care Children)

Spring 2020

<https://www.ttuhscc.edu/nursing/research/>

- ❖ Cannon, et al (Education of Diabetes Educators in Rural Health)—Funded by PB Advisory Board
- ❖ Cannon, et al (Telemedicine and IP Collaborative Care in Mental Health)—Funded by PB Advisory Board
- ❖ Masten and Sridaromont (Parent Child App)—The Gerber Foundation
- ❖ Owen and Esperat (Critical Consciousness)
- ❖ Rogge and Gautam (Obesity)
- ❖ Sun, Shen, St. John, Punyanunt (CAM)

Upcoming Meetings:

Monthly Research Faculty Collaborative Meetings – Spring Schedule

Meetings are the 2nd Tuesday of each month unless otherwise noted.

2020:

Tuesday, May 12, 2020 – 11:00a – 12:30p

Tuesday, June 9, 2020 – 11:00a – 12:30p

Tuesday, July 14, 2020 – 11:00a – 12:30p

Tuesday, August 11, 2020 – 11:00a – 12:30p

All meetings are available by Zoom at the following link: <https://ttuhscson.zoom.us/j/629352537>



Copyright 2020 Texas Tech University Health Sciences Center School of Nursing. All rights reserved. Newsletter from the School of Nursing Office of the Associate Dean for Research and Scholarship.