

Winter 2021

# Decision-Making Research Interest Group Newsletter

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## MNRS Annual Research Virtual Conference

How time flies! Like last year, the MNRS conference is **virtual**. **It will be held March 24-27, 2021**. If you had an poster/symposium abstract accepted, **let us know!** We want to support our RIG members and let everyone else know who may be interested in attending your presentation. **We will be in communication about our annual RIG-meeting.**



## Call for Co-Chairs Elect

We are still seeking candidates to serve as (co)-chair elect. Given the limitations imposed by the COVID-19 Pandemic, we understand that engaging our RIG-members has been a challenge. Therefore, Grant Pignatiello has agreed to continue to serve as the RIG-Chair for an additional year. This will give the chair-elect the opportunity to work with Grant in promoting leadership continuity for the future.



## Congratulations to our RIG Award Winner!

We are proud to announce the awarding of the *New Investigator Award* to **Dr. Kelly Wierenga, PhD, RN, FAHA**, an Assistant Professor at the nursing school of Indiana University-Purdue University Indianapolis



## Recent News & Publications

### **Grant Funding**

**Dr. Lisa Carter-Harris** was recently awarded an internal pilot grant at Memorial Sloan Kettering Cancer Center through the Population Sciences Research Program for \$100k for her study entitled, *Leveraging Mammography to Identify and Engage Women at Risk for Lung Cancer in Lung Cancer Screening*

**Dr. Patricia E. Hershberger** recently received the following:

*Feasibility and Pilot Testing of the TELL Tool Among Gamete and Embryo Donation Recipient Parents*

Role on Project: Principal Investigator  
Type of Grant: NIH R34 NR019278-01

*Understanding Treatment-Seeking Decisions in Acute Stroke Survivors in Thailand*

Role on Project: PhD Dissertation Chair (W. Potisopha, PhD Student, PI)  
Type of Grant: Award for Graduate Research, University of Illinois Chicago

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## Publications

- Chen, E. P., **Arslanian-Engoren, C.**, Newhouse, W., Egleston, D., Sahgal, S., Yande, A., Fagerlin, A., & Zahuranec, D. B. (2020). Development and usability testing of Understanding Stroke, a tailored life-sustaining treatment decision support tool for stroke surrogate decision makers. *BMC Palliative Care*, 19(1), 110. <https://doi.org/10.1186/s12904-020-00617-x>
- Yan, H., Kukora, S. K., **Arslanian-Engoren, C.**, Deldin, P. J., Pituch, K., & Yates, J. F. (2020). Aiding end-of-life medical decision-making: A Cardinal Issue Perspective. *Palliative & Supportive Care*, 18(1), 1–3. <https://doi.org/10.1017/S1478951519000981>
- Carter-Harris, L.**, Comer, R. S., Slaven, J. E., II, Monahan, P. O., Vode, E., Hanna, N. H., Ceppa, D. P., & Rawl, S. M. (2020). Computer-tailored decision support tool for lung cancer screening: Community-based pilot randomized controlled trial. *Journal of Medical Internet Research*, 22(11), e17050. <https://doi.org/10.2196/17050>

**Dr. Lisa Carter-Harris** was also was recently appointed to the editorial board of *Nursing Research* **Congratulations!** 🎉

### Publications (Continued)

(~ denotes student)

- ~Potisopha, W., Vuckovic, K. M., DeVon, H. A., Park, C. G., & **Hershberger, P. E.** (2020). Sex differences in prehospital delay in patients with acute stroke: A systematic review. *Journal of Cardiovascular Nursing*, 35(6), E77–E88. <https://doi.org/10.1097/JCN.0000000000000715>
- ~Mathew, A., Doorenbos, A. Z., Jang, M. K., & **Hershberger, P. E.** (2020). Acceptance and commitment therapy in adult cancer survivors: A systematic review and conceptual model. *Journal of Cancer Survivorship*. Advance online publication. <https://doi.org/10.1007/s11764-020-00938-z>
- Hershberger, P. E.** (2020). Midwest Nursing Research Society news. *MNRS News* series: Excerpts from the excellent. Top 10 strategies for advancing service acumen [Invited Publication]. *Western Journal of Nursing Research*, 42(10), 883–884. <https://doi.org/10.1177/0193945920943465>
- Hershberger, P. E.**, Driessnack, M., Kavanaugh, K., & Klock, S. C. (2020). Emerging views of kinships created through oocyte donation. *MCN, The American Journal of Maternal Child Nursing*, 45(1), 18–24. <https://doi.org/10.1097/NMC.0000000000000586>

**Lopez, K. D.,** Cravero, C., Krishnan, A., Carvalho de Sousa Freire, V. E., & Culbert, G. J. (2021). Feasibility of a mHealth survey application for incarcerated and postrelease people living with HIV in a low-resource setting. *Research in Nursing & Health* 44(1), 201-212.

<https://doi.org/10.1002/nur.22098>

**Lopez, K. D.,** Chae, S., Michele, G., Fraczkowski, D., Habibi, P., Chattopadhyay, D., & Donevant, S. B. Improved readability and functions needed for mHealth apps targeting patients with heart failure: An app store review. (2021). *Research in Nursing & Health* 44(1), 71-80.

<https://doi.org/10.1002/nur.22078>

## RIG-Members Spotlight

- **Karen Dunn Lopez, PhD, MPH, RN,** an Associate Professor and the Director of the Center for Nursing Classification and Clinical Effectiveness at the University of Iowa, recently published two articles in a special issue of on mHealth and telehealth in [\*Research in Nursing & Health\*](#)
- In the first article, **“Improved readability and functions needed for mHealth apps targeting patients with heart failure: An app store review”**, Dr. Lopez and her colleagues used systematic review methods to examine the readability, functionality, linkage to authoritative sources of evidence for m-Health apps for heart failure patients within the Apple and Google Play Stores. They found that the majority of apps did not meet recommended readability guidelines and the most common app functions related to tracking, feedback, and non-data driven alerts. They conclude that to improve apps within this population, they need to be specifically designed to accommodate individuals unique literacy and use more advanced data-driven functions to promote effective self-management.
- The second article entitled, **“Feasibility of a mHealth Survey Application for Incarcerated and Postrelease People Living with HIV in a Low-Resource Setting”**, Dr. Dunn Lopez and colleagues evaluated the acceptability and usability of mHealth to collect private sexual health information of Muslim men who have sex with other men living abroad. The team demonstrated that the mHealth offered acceptable levels of comfort, privacy and accuracy in a population where same-sex activity is considered taboo. In addition, the team demonstrated the feasibility of using mHealth remote data collection even in low resource international settings



- **Dr. Cynthia Arslanian-Engoren, PhD, RN, ACNS-BC, FAHA, FAAN**, Professor and Associate Dean of Faculty Affairs and Faculty Development for the Department of Health Behavior and Biological Sciences at the University of Michigan, recently published an article entitled, “**Development and Usability Testing of *Understand Stroke*, a Tailored Life-Sustaining Treatment Decision Support Tool for Surrogate Decision Makers**”, in *BMC Palliative Care*.



- In this work, Dr. Arslanian-Engoren’s, as a member of a multi-disciplinary team used, a multi-strategy approach to develop a patient-centered, tailored decision aid for surrogate decision-makers of stroke patients. Collecting focus group input from multidisciplinary healthcare professionals, as well as stroke survivors and their family members, the team developed a decision support tool that included a value-clarification exercise and prognostic information.
- They found their tool, *Understanding Stroke*, was well received by surrogate decision makers and plan to formally pilot test their intervention in a group of surrogate decision makers for stroke patients.

## Closing Announcements

- We understand this past year has been trying for many reasons. Thank you for supporting our RIG, despite the difficulties we all may have encountered.
- If you have something you want highlighted in the future don’t hesitate to reach out to us – we can put our heads together to ensure we are meeting your needs.
- For the future success of this RIG, please consider nominating yourself, or someone else to be the co-chair elect.

**Thank you! – Grant and Elizabeth**