

**AdvISE**

**ADVANCING  
IMPLEMENTATION  
SCIENCE  
EDUCATION**



UNIVERSITY *of* MARYLAND  
SCHOOL OF NURSING

# Advancing Implementation and Improvement Science Education (NSP II: 12-125)

NSP II Project Director Meeting 10/16/20

Project Director: Debra Bingham, DrPH, RN, FAAN  
Associate Professor, Healthcare Quality and Safety  
Department of Partnerships, Professional Education, and Practice  
[dbingham@umaryland.edu](mailto:dbingham@umaryland.edu)

# Advancing Implementation and Improvement Science Education

(NSP II: 12-125)

The AdvISE Project will expand statewide capacity in implementation science (IS) and quality improvement (QI).

IS and QI expertise is needed to increase evidence-based practices which improve the quality and safety of healthcare and reduce moral distress and burnout among RNs.

# Goals & Objectives

1. Develop a list of the implementation science (IS) and quality improvement (QI) gaps in knowledge and recommendations for action based on the results of a needs assessment.
2. Identify best practices for expanding IS and QI expertise.
3. Develop and implement IS and QI professional development for faculty, students, and graduates.

Year	Major Activities for the AdvISE Project
Year 1	<ul style="list-style-type: none"> <li>• Perform a UMSON needs assessment</li> <li>• Obtain state and national input</li> <li>• Form the AdvISE Expert Panel</li> </ul>
Year 2	<ul style="list-style-type: none"> <li>• Host the one-day AdvISE Summit</li> <li>• Synthesize and summarize the key recommendations for action based on the information gathered during year 1</li> <li>• Develop the IS and QI professional development education</li> </ul>
Year 2 and 3	Develop the IS and QI professional development education
Year 3	<b>Dissemination activities and final report</b>

# Racial Justice & Equity in Implementation Science Expert Panel

To review the Expert Recommendations for Implementing Change  
(ERIC) strategies from a racial justice and health equity lens

## Panel Members:

- Ana Baumann, PhD
- Laura Damschroder, MPH, MS
- Vijaya Hogan, DrPH
- Yolanda Ogbolu, PhD, CRNP-Neonatal,  
FAAN
- Byron Powell, PhD
- Shoba Ramanadhan, Scd, MPH

# Dissemination

- Webinars
  - 2 Webinars in Year 2
  - 4 Webinars in Year 3
- Presentations
  - MDAC – presented in 2019 and submitted an abstract for 2020
  - NONPF 2020; NONPF 2020; AACN Doctoral Conference, 2021 (submission)
- AdvISE Summit
  - Live event was held Sept. 2019
  - Posted the video summary of the event: <https://youtu.be/yUc4UiNq9A8>
- AdvISE Website: <https://www.nursing.umaryland.edu/news-events/events/advise/>

# Dissemination

- Publications
  - **Buckley, K., Idzik, S., Bingham, D., Windemuth, & B., Bindon, S.L. (2019). Structuring Doctor of Nursing Practice project courses to facilitate success and ensure rigor. Journal of Professional Nursing. <https://doi.org/10.1016/j.profnurs.2019.12.001>**
  - **Costa, L., Bingham, D., Storr, C., Franquiz, R., Hammersla, Martin, J., M., & Seckman, C. Development of measurement criteria to increase rigor of doctor of nursing practice projects. (Accepted for publication in the Journal of Professional Nursing).**
  - Bingham, D., Hammersla, M., Belcher, A., Ruccio, L., Martin, J., Bindon, S., & Idzik, S. Survey of Nursing Faculty Preparation for Guiding DNP Quality Improvement Projects (Submitted to peer review journal June 2020).
  - Idzik, S., Kathleen Buckley, PhD, RN Susan Bindon, DNP, RN Susan Gorschboth, DNP, RN Margaret Hammersla, PhD, ANP-BC Brenda Windemuth, DNP, FNP Debra Bingham, DrPH, RN. Lessons learned using logic models to design and guide DNP projects. (Submitted to peer review Journal June 2020).
  - Hammersla, M., Belcher, A., Ruccio, L., Martin, J., Bingham, D. Practice and Quality Improvement Leaders Survey of Expectations of DNP Graduates' Quality Improvement Expertise. (Submitted to peer review journal, October, 2020)



# AdvISE Webinar Series

- The AdvISE Webinar series is produced by the Advancing Implementation Science Education (AdvISE) team at the University of Maryland School of Nursing focus on integrating quality improvement methods and strategies in Doctor of Nursing Practice (DNP) project courses.
- [Structuring Doctor of Nursing Practice Project Courses to Facilitate Success and Ensure Rigor in Quality Improvement Projects](#)  
Tuesday, May 19
- [Integration of Evidence-Based Practice, Implementation Science, and Quality Improvement](#)  
Tuesday, Feb. 18, 2020
- [Structuring Doctor of Nursing Practice Project Courses to Facilitate Success and Ensure Rigor in Quality Improvement Projects](#)  
Tuesday, May 19, 2020
- [Development of Measurement Criteria to Increase Rigor of Doctor of Nursing Practice Projects](#)  
Wednesday, August 26, 2020
- [Doctor of Nursing Practice Projects in Student/Faculty Groups to Facilitate Learning with Large Cohorts](#)  
Thursday, Nov. 12, 2020

# Thank you to the Expert Panel for the AdvISE Summit



## **Bryan Weiner, PhD**

- *Professor*, Department of Global Health and Department of Health Services, University of Washington
- *Author*: Theory of Organizational Readiness for Change (2009)



## **Laura Damschroder, MS, MPH**

- *Lead author* of the Consolidated Framework for Implementation Research (CFIR)
- *Research Investigator* with the Veterans Affairs (VA) Ann Arbor Center for Clinical Management Research
- *Project Principle Investigator* with the ProVE (PeRsonalizing Options through Veteran Engagement) Quality Enhancement Research Initiative (QUERI)



## **Anne Sales, PhD, RN**

- *Associate Chair* for Health System Innovation PhD, University of Michigan
- *Professor*, Division of Learning and Knowledge Systems
- *Director* of the Health Infrastructures and Learning Systems (HILS) program
- *Research Scientist*, Center for Clinical Management Research, VA Ann Arbor Healthcare System
- *co-Editor-in-Chief* of *Implementation Science* Journal



## **Jeannie S. Garber, DNP, RN, NEA-BC**

- *DNP Program Coordinator* at James Madison University

# Thank you the Multi-Year Consultants:



**Mary Dolansky, PhD, RN, FAAN**

- *Director, QSEN Institute*
- *Assistant Professor, Frances Payne Bolton School of Nursing & School of Medicine*
- *Senior Faculty Scholar, VA Quality Scholars Program*



**Anne Belcher, PhD, RN, FAAN**

Associate Professor  
Johns Hopkins



**Donald Goldman, MD**

- *Chief Medical and Scientific Officer, Institute for Healthcare Improvement*
- *Professor, Department of Immunology and Infectious Diseases*
- *Professor of Epidemiology, Harvard. T. H. Chan School of Public Health*
- *Clinical Professor of Pediatrics, Harvard Medical School*

# Thank You to the AdvISE Steering Committee

- Debra Bingham, DrPH, RN, FAAN – Committee Chair & PI
- Susan Bindon, DNP, RN-BC, CNE, CNEcl
- Kathleen Buckley, PhD, RN
- Margaret Hammersla, PhD, CRNP-A
- Ronnie Quattrini, DNP, FNP-BC
- Shannon Idzik DNP, CRNP, FAANP, FAAN – Committee Co-Chair

## Workgroup Representatives:

- Kathleen Buckley, PhD, RN (DNP Project Courses workgroup)
- Linda Costa, PhD, RN, NEA-BC (Measurement workgroup)
  
- Lucy Rose Ruccio, RN, DNP\* - AdvISE Grant Project Management Specialist/Research Assistant
- Katey Bloh, RN, DNP\* - AdvISE Grant Graduate Research Assistant
- Former members of the Steering Committee:
  - Kathryn Montgomery, PhD, RN, NEA-BC – Committee Co-Chair-retired
  - Patricia Franklin, PhD, RN (Leadership workgroup) - retired
  - Jeff Martin, MBA – duties reassigned

# Questions?

Email: [dbingham@umaryland.edu](mailto:dbingham@umaryland.edu)

Thank you to the funders for supporting this  
critical work.