



FACULTY AND PROFESSIONAL STAFF ACCOMPLISHMENTS

April 2019

I. PUBLICATION

Marie-Christine Potvin, College of Rehabilitation Sciences

- Referred Journal: Coviello, J., Potvin, M.-C., & Lockhart-Keene, L. (2019). Occupational Therapy Assistant Students' Perspectives About the Development of Clinical Reasoning. *Open Journal of Occupational Therapy*, 7(2). <https://doi.org/10.15453/2168-6408.1533>

Barbara Hackley, College of Health Professions

- Referred Journal: Hackley B, Elyachar-Stahl E, Savage AK, Stange M, Hoffman A, Kavanaugh M, Aviles MM, Arévalo S, Machuca H, Shapiro A. "A Qualitative Study of Women's Recall of Content and Skills Developed in Group Prenatal and Well-Baby Care 2 Years Later." *J Midwifery Women's Health*, 64 (2), 209-216
 - The purpose of this qualitative descriptive study was to determine if women (N=17) were continuing to use skills they recalled discussing in group prenatal and well-baby care two years after group care ended. Three themes were identified: sustained change, transferable skills, and group as a safe haven. All women in this study were continuing to use at least one skill they recalled learning in group that improved their or their family's nutritional intake, use of stress management techniques, or improved communication within their family. These skills were adapted to fit their interactions with their older children and/or other family members. This is the first study to document that group prenatal and well-baby care is associated with long-term benefits that persisted for two or more years. This study also revealed that perinatal group care was beneficial in areas not yet reported in the literature: nutrition, family communication, and parenting.
- Referred Journal: Hoffman A, Stange M, Hackley B, Machuca H, Shapiro A. (2019) From Clinic to Classroom: A Community Health Center-Based Program to Assist Families in Accessing Pre-K in New York City. *J Health Care for the Poor Underserved*, 30(1): 40-46
 - This study describes the effectiveness of an outreach program conducted by a Federally Qualified Health Center in helping families residing in one of the poorest communities in New York City to enroll in Pre-K, the NYC initiative to enroll all NYC children 4 years of age into Pre-K free of charge. High quality childcare has been shown to improve child outcomes such as higher literacy rates, better social-emotional development, and greater educational attainment than children cared for at home or in informal childcare arrangements. Despite extensive outreach by the Department of Health, nearly 30% of families were unaware of the universal Pre-K program. Further, at the end of the health center outreach program, 85% of families had applied and 78% enrolled in Pre-K, rates that are significantly higher

than nationally reported averages of 50% for African-American and 40% for Latinx families. This novel program—promotion of PreK in standard health care—may be particularly valuable for low-income families since medical homes are a recurring point of contact for young families and a trusted source for information and advice.

Jan M. Krebs, College of Health Professions

- Referred Journal: Perinatal Guest Editor for Journal of Perinatal and Neonatal Nursing Vol. 33 (1) Innovations in Clinical Practice. Recruited all authors, reviewed/edited all papers selected, co-wrote editorial with Neonatal editor.

Gulbin Ozcan-Deniz, College of Architecture and the Built Environment

- Referred Journal: Ozcan-Deniz, G. (2019), "Towards a BIM-based System Integrated to a Virtual Reality Platform", Tamap Journal of Engineering, Volume 2018, Article ID 62, doi:10.29371/2018.3.62.
 - Abstract: Based on the advancement in information and computational technologies (ICT), Building Information Modeling (BIM) now offers collaboration with additional applications that can improve the use of 3D modeling. One way to make the 3D platform more effective is to integrate models to virtual environment, where users can walk through the design in its infancy. Immersive Virtual Reality (VR) offers high levels of interactivity and visualization for Architecture, Engineering, and Construction (AEC) industry when successfully utilized with BIM. The question here is how to achieve a successful connection between BIM and VR to present a dynamic demonstration of real-case complex models. This paper aims to develop a conceptual map, which presents the successful integration of BIM and VR systems. The methodology will include the development of a 3D model, evaluation and improvement of the design for VR purposes, and integration of BIM and VR systems. The integrated BIM-VR system will offer a virtual mock up assess and enhance BIM by designers, contractors, as well as users of buildings. The results will include the development steps of the BIM-VR system and its testing through virtual walk-throughs.

Elizabeth Parr, College of Health Professions

- Editor of newsletter for the Pennsylvania Affiliate of the American College of Nurse Midwives

Cheri Van Hoover, College of Health Professions

- Referred Journal: Farley, C. L., Van Hoover, C., & Rademeyer, C. (2019). Women and tattoos: Fashion, meaning, and implications for health. *Journal of Midwifery & Women's Health*, 64(2), 154-169.
- Referred Journal: Van Hoover, C. (2019). Women and midwives in politics. *Journal of Midwifery & Women's Health*. Commentary, accepted for publication.
- Referred Journal: Van Hoover, C. (2019). How to run for political office: A primer for midwives and other nontraditional candidates. *Journal of Midwifery & Women's Health*. Brief Report, accepted for publication.

II. CONFERENCES

Jeff Ashley, Center for Teaching Innovation and Nexus Learning, **Marie-Christine Potvin**, College of Rehabilitation Sciences, **Monique Chabot**, College of Rehabilitation Sciences, **Caitlin Beach**, and **Martha Anez**, College of Architecture and the Built Environment

- Presenter: Considering Students' Neurodiversity: The Next Imperative When Designing & Using Active Learning Environments. 5th Annual Next Generation Learning Spaces Conference. February 26 2019. Los Angeles CA.

Barbara Hackley, College of Health Professions

- Presenter: Qadeer R, Hackley B, Sarmiento A, Shapiro A. Pre-exposure Prophylaxis (PrEP): Improving Patient, 2019 ACTHIV, American Conference for the Treatment of HIV, April 11 - 13, 2019, Miami, FL. (Poster Presentation)
- Presenter: Hackley B, Stange M, Hoffman A, Zero O, Aviles M, Shapiro A. Pregnancy, Birth and Beyond: Addressing SDH Across the Care Continuum. New York City Research & Improvement Networking Group annual convocation, December 6, 2018, Tarrytown, New York.(Poster Presentation)
- Sarmiento A, Kopa J, Chioconci S, Belamarich P, Rinke M, Hackley B, Aviles M, Shapiro A. Increasing Asthma Medication Administration in Three Elementary Schools. New York City Research & Improvement Networking Group annual convocation, December 6, 2018, Tarrytown, New York.(Poster presentation)
- Presenter: Hackley B, Stange M, Hoffman A, Zero O, Aviles M, Shapiro A. Pregnancy, Birth and Beyond: Addressing SDH Across the Care Continuum. The Root Cause Coalition National Summit, October 8-9, 2018, New Orleans, LA. (Poster Presentation)

Cheri Van Hoover, College of Health Professions

- Presenter: May, 2019, Washington, DC - American College of Nurse-Midwives Annual Meeting. "Today's Pierced and Tattooed Women: Fashion, Meaning, and Health Implications."

III. EXHIBITIONS

IV. GRANT

Barbara Hackley, College of Health Professions

- Hackley B, Perlman D. HRSA Advanced Nursing Education Workforce (ANEW) Program. ACCESS: Accelerating Change in Community-based Education and Services. January 2019, notices of awards pending.
 - ACCESS is a proposal to create a cutting edge Academic-Clinical Partnership designed to provide students the skills they need to care for disadvantaged populations by leveraging the academic success of Jefferson and the mission-driven care provided by the Philadelphia Midwife Collective. Through creating, piloting, and evaluating a stake-holder driven preceptor-student-patient model of clinical learning, this grant will generate longitudinal collaborative clinical placements, the creation of online clinical learning tools co-created with the community and shared widely, and the creation of a clinical learning model that incorporates the needs of the patient for continuity of care and shared decision-making.

V. AWARD

Barbara Hackley, College of Health Professions

- Fellow, American College of Nurse Midwives (FACNM), May 2019. Lifetime achievement award for service to the profession of midwifery.
 - Award Biography: Barbara Hackley CNM PhD is currently on faculty at Jefferson University (Thomas Jefferson + Philadelphia University). In this capacity, she launched the first

discipline-specific doctoral degree program in the United States. Previously, she has served as a faculty member at Georgetown, Columbia, and Yale Universities. She has been the recipient of numerous awards recognizing her teaching abilities, scholarly work, and clinical expertise in expanding critical services such as mental health care, immunizations, asthma care, and obesity management to pregnant and postpartum women. More recently, Barbara developed and implemented a unique combination of maternal-child health programs, under the umbrella of the Resiliency Initiative at a Federally Qualified Health Center in the South Bronx serving one of the poorest Congressional Districts in the nation. These programs were designed to mitigate toxic stress associated with poverty. Key elements of the Resiliency Initiative, a collaboration between nutrition, mental health, obstetric, and pediatric providers, include screening for social determinants of health in prenatal and pediatric care, group perinatal care, linkages to community services, and maternal-infant dyadic therapy. Preliminary results of these programs are promising, showing less maternal anxiety in pregnancy, greater parental responsiveness after participating in dyadic care, and lower rates of obesity in children at age 2 years who were enrolled in group care compared to children in individual care. These results have been published in peer-reviewed presentations and publications.

VI. EDUCATION

VII. OTHER PROFESSIONAL ACTIVITY

Barbara Hackley, College of Health Professions

- Appointed Contributing Editor, January 2019, Journal of Midwifery & Women's Health

Jan M. Krebs, College of Health Professions

- Panel presentation on Place of Birth and Midwifery at Johns Hopkins School of Nursing for undergraduate students planning a career in maternity nursing or women's health. (Usually 50+ students) 2.19.2019

Elizabeth Parr, College of Health Professions Panel Member

- Panel Member in a disciplinary hearing for the American Midwifery Certification Board, Discipline Committee, Spring 2019.
 - Member of a three member panel in review of a discipline case that came before the Board.

Cheri Van Hoover, College of Health Professions

- 2019, April. Midwives for Universal Healthcare – American College of Nurse-Midwives Caucus. Founding member and Secretary Nominee.