

## CURRICULUM VITAE (Abbreviated SIMULATION)

### **PERSONAL DATA**

**Kristen M. Brown DNP, CRNP, CPNP-AC, CHSE-A, FSSH, FAAN**

Johns Hopkins University School of Nursing  
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### **EDUCATION**

<b>Year</b>	<b>Degree</b>	<b>Institution</b>
2017	Doctor of Nursing Practice	Johns Hopkins University School of Nursing
2015-2017	Zamierowski Simulation Fellowship	Johns Hopkins University School of Medicine
2006	Master of Science Acute Care PNP	University of Maryland School of Nursing
2001	Bachelor of Science in Nursing	University of Pittsburgh School of Nursing

### **CURRENT LICENSE AND CERTIFICATION**

<b>Year</b>	<b>Source</b>	<b>Type</b>
2019-present	SSH	Certified Healthcare Simulation Educator-Advanced
2006-present	PNCB	Acute Care Certified Pediatric Nurse Practitioner
2006-present	Maryland Board of Nursing	Certified Registered Nurse Practitioner, Acute Care Pediatrics
2003-present	Maryland Board of Nursing	Registered Nurse License (RN)

### **PROFESSIONAL EXPERIENCE**

<b>Years</b>	<b>Position/Institution</b>
<b><u>2017-present</u></b>	<b><u>Johns Hopkins University School of Nursing</u></b>
2024-present	Associate Dean for Simulation & Immersive Learning
11/2023-2024	Associate Dean for Simulation & Immersive Learning (interim)
2023-present	Ranked Faculty, Associate Professor
2021-2022	Director of Immersive Learning & Digital Innovation Practice
2018-2023	Ranked Faculty, Assistant Professor
2017-2021	Advanced Practice Simulation Coordinator
2017-2018	Ranked Faculty, Instructor
<b><u>2019-2023</u></b>	<b><u>Johns Hopkins Medicine Simulation Center</u></b>
	Simulation Strategic Projects Lead
<b><u>2006-2019</u></b>	<b><u>Johns Hopkins University School of Medicine, Bloomberg Children's Center JHH PICU</u></b>
2006-2019	Acute Care Pediatric Nurse Practitioner
2017-2019	Pediatric Critical Care Simulation Coordinator
2013-2019	Pediatric Cardiac Critical Care Coordinator

### **HONORS AND AWARDS**

- 2025 **Maryland Higher Education Commission Dr. Peg E. Daw Nurse Faculty Annual Recognition (NFAR)**  
*Award for Innovation in Education and Technology \$10,000*
- 2025 **Society for Simulation in Healthcare Articles of Influence for 2023-24**  
Birido, N., Brown, K.M., Olmo-Ferrer, D., Friedland, R., Bailey, S.K.T, Wawersik, D., Charnetski, M., Nair, B., Kutzin, J.M., Gross, I.T., Palaganas, J.C. (2024) Healthcare simulation in-person and at a distance: a systematic review. *Simulation in Healthcare*, 19(1S), S65-S74

- 2024 Fellow in Society for Simulation in Healthcare (FSSH)
- 2024 Society for Simulation in Healthcare 2023 Educator of the Year
- 2024 **Society for Simulation in Healthcare Articles of Influence for 2022-23**  
Brown, K. M., et al. (2023). Curricular integration of virtual reality in nursing education. *Journal of Nursing Education*, 62(6), 364-373. DOI: [10.3928/01484834-20230110-01](https://doi.org/10.3928/01484834-20230110-01)
- 2024 **Nursing Outlook 2023 Author Awards: Excellence in Education**  
A competency roadmap for advanced practice nursing education using PRIME-NP  
*Nursing Outlook*, 70(2), 337-346. DOI: [10.1016/j.outlook.2021.10.009](https://doi.org/10.1016/j.outlook.2021.10.009)
- 2022 Johns Hopkins School of Nursing Isabel Hampton Robb Fellowship  
*Multi-Player Virtual Reality for Interprofessional Education*
- 2021 **University of Pittsburgh School of Nursing Alumni Award-Teaching Excellence**
- 2020 Fellow in the American Academy of Nursing (FAAN)
- 2020 **Johns Hopkins University School of Nursing Dean's Award-Outstanding Nurse Educator Award**

### Sponsored Projects Related to Simulation

- 2023-2025 Conway Innovation Challenge: Johns Hopkins School of Nursing Immersive Prospective Shifting XR Learning Hub. Role: Principal Investigator-Kristen Brown. \$400,000
- 2023-2024 HRSA SNAPT- *Supporting Nursing Advanced Practice Transitions*. PI: M. Fingerhood. Role: Co-Investigator-simulation curriculum development 10% effort. Total direct costs \$3,200,000
- 2021-2025 Behavioral Health Workforce Education and Training Program- American Rescue Plan HRSA-MC1HP42084-01-00. PI: T. Rodney. Role: Co-Investigator-Simulation Lead 10% effort. Total direct costs \$1,800,000
- 2021-2025 State of Maryland, Health Services Cost Review Commission, Nurse Support Program NSPII. Grant Award NSPII21-110: *DNP in Nurse Anesthesiology*. PI: C. Horvath. Role: Co-Investigator-Simulation Lead 10% effort. \$2,085,872
- 2020-2023 State of Maryland, Health Services Cost Review Commission, Nurse Support Program NSPII. Grant Award NSPII 21-111. *Supporting nursing Advanced Practice Transitions*. PI: M. Goodwin. Role: Co-Investigator-simulation lead 3% effort. \$886,370
- 2020-2022 Johns Hopkins University Digital Education & Learning Technology Acceleration (DELTA) Grant: *Deconstructing Healthcare Silos: Interprofessional Education Using Multiplayer Virtual Simulation and Virtual Reality for Medical & Nursing Trainees*. Role: PI \$75,000
- 2019-2022 MHEC Nurse Support Program NSPII. Grant Award 18-111. Professional-Reporter-Interpreter-Manager-Educator (PRIME) Competency Model for DNP-NP Education. PI: R. D'Aoust Role: Co-Investigator 20% effort. Simulation curriculum development and competency measurement. Total direct costs \$1,001,596

### Invention/ Disclosures

- 2019 D15969 Johns Hopkins Technology Ventures: *NIRS (Near-infrared spectroscopy) Simulator*
- 2019 C15892 Johns Hopkins Technology Ventures: *Advanced Practice Provider Pediatric Critical Care Simulation Boot Camp*
- 2018 C15124 Johns Hopkins Technology Ventures: *Advanced Practice Simulation Boot Camp*

### Publications: Peer Reviewed Journal Articles/White Papers (\*data-based) \*\*Indicates author was a mentee

1. LaRosa, J.M.\*\*\*, Lenker, H...., **Brown, K.M.**, Shilkofski, N., Kudchadkar, S.R. (2025). Development and evaluation of a simulation-based early mobility curriculum for pediatric intensive care nurses. *Nursing in Critical Care*. Advance online publication DOI: [10.1111/nicc.13215](https://doi.org/10.1111/nicc.13215)\*
2. Gilbert, M., Watts, P., & **Brown, K. M.** (2024). Competency-Based Education: Simulation educators, don't be afraid! *Clinical Simulation in Nursing*, 97, 101668 DOI: [10.1016/j.ecns.2024.101668](https://doi.org/10.1016/j.ecns.2024.101668)

3. Palaganas, J. C., Mosher, C., Wawersik, D., Eller, S., Kirkpatrick, A. J., Lazarovici, M., **Brown, K. M.**,...Duff, J. P., Gross, I. T., & Sanko, J. (2024). In-Person Healthcare Simulation: An Umbrella Review of the Literature. *Simulation in Healthcare: journal of the Society for Simulation in Healthcare*, 10-1097. DOI: [10.1097/SIH.0000000000000822](https://doi.org/10.1097/SIH.0000000000000822)
4. Gilbert, M., **Brown, K. M.**, & Watts, P. (2024). The intersections between competency-based education and simulation-based education: Integration in nursing education. *Journal of Professional Nursing*, 54, A1–A3. DOI: [10.1016/j.profnurs.2024.08.010](https://doi.org/10.1016/j.profnurs.2024.08.010)
5. Birido, N., **Brown, K.M.**, ..., Charnetski, M., Nair, B., Kutzin, J.M., Gross, I.T., Palaganas, J.C. (2024) Healthcare simulation in-person and at a distance: a systematic review. *Simulation in Healthcare*, 19(1S), S65–S74. DOI: [10.1097/SIH.0000000000000763](https://doi.org/10.1097/SIH.0000000000000763)
6. **Brown, K.M.**, Perretta, J., Anderson, M., Gilbert, G.E., Miller, G..., Jeffers, J.M., Swoboda, S.M., Green, D.\*\*., Mudd, S.S. (2023). Deconstructing Healthcare Silos: Multi-player Virtual Reality for Interprofessional & Intraprofessional Education. *Journal of Interactive Learning Research*, 34(3), 495-513. <https://www.learntechlib.org/primary/p/222425/>\*
7. **Brown, K.M.**, Swoboda, S.M., Gilbert, G.E., Horvath, C., & Sullivan, N. (2023). Curricular integration of virtual reality in nursing education. *Journal of Nursing Education*, 62(6), 364-373. DOI: [10.3928/01484834-20230110-01](https://doi.org/10.3928/01484834-20230110-01)\*
8. **Brown, K.M.**, Swoboda, S. M., Gilbert, G. E., et al. (2022). Integrating virtual simulation into nursing education: A roadmap. *Clinical Simulation in Nursing*. 12 (8), 1-9. <https://doi.org/10.1016/j.ecns.2021.08.002>
9. **Brown, K.M.** (2018). Is it time to rethink the way we deliver simulation in the clinical setting? *Journal of Pediatric Surgical Nursing* 7 (3), 69-70. DOI: [10.1097/JPS.0000000000000180](https://doi.org/10.1097/JPS.0000000000000180)
10. D'Aoust, R. F., **Brown, K.M.**, McIltrout, K., Adamji, J. M. D\*\*., Johnson, H., Seibert, D. C., & Ling, C. G. (2022). A competency roadmap for advanced practice nursing education using PRIME-NP. *Nursing Outlook*, 70(2), 337-346. DOI: [10.1016/j.outlook.2021.10.009](https://doi.org/10.1016/j.outlook.2021.10.009) \*
11. VanGraafeiland,..., **Brown, K.M.**, Abshire-Saylor, M., Silbert-Flagg, Sloan, E. (2021) A mock telephone triage experience for nurse practitioner students. *The Journal for Nurse Practitioners* 18(3), 320-323. <https://doi.org/10.1016/j.nurpra.2021.10.023> \*
12. **Brown, K.M.**, ..., Hunt, E.A, Nelson McMillan, K. (2021). Rapid cycle deliberate practice to facilitate “Nano” in situ simulation: An interprofessional approach to just-in-time training. *Critical Care Nurse*, 41 (1): e1–e8. DOI: [10.4037/ccn2021552](https://doi.org/10.4037/ccn2021552) (Feature article; CEU’s) \*
13. **Brown, K.M.**, Hunt, E.A,...Slattery, J.M.\*\*., Nelson McMillan, K. (2020). Pediatric critical care simulation curriculum: training nurse practitioners to lead in the management of critically ill children. *Journal of Pediatric Healthcare*, 34(6) 584-590. DOI: [10.1016/j.pedhc.2020.07.001](https://doi.org/10.1016/j.pedhc.2020.07.001) \*
14. Lioce, L., Conelius, J., **Brown, K.M.** (editors) (2020). Simulation Guidelines and Best Practices for Nurse Practitioner Programs. National Organization of Nurse Practitioner Faculties. Washington: D.C. [https://cdn.ymaws.com/www.nonpf.org/resource/resmgr/docs/simulationnewfolder/20201022\\_sobp\\_final.pdf](https://cdn.ymaws.com/www.nonpf.org/resource/resmgr/docs/simulationnewfolder/20201022_sobp_final.pdf)
15. Perretta JS, Duval-Arnould J, Poling S, Sullivan N, Jeffers JD,.. **Brown K.M.**, Hunt EA. (2020). Best practices and theoretical foundations for simulation instruction using rapid-cycle deliberate practice. *Simulation in Healthcare* 15(5), 356-362. DOI: [10.1097/SIH.0000000000000433](https://doi.org/10.1097/SIH.0000000000000433)
16. Mudd, S.S.; McIltrout, K., **Brown, K.M.** (2020). Utilizing telepresence robots for multiple patient scenarios in an online nurse practitioner program. *Nursing Education Perspectives*, 41 (4), 260-262. DOI: [10.1097/01.NEP.0000000000000590](https://doi.org/10.1097/01.NEP.0000000000000590)
17. **Brown K.M.**, Mudd SS, Hunt EA, et al. (2018). A multi-institutional simulation boot camp for pediatric cardiac critical care nurse practitioners. *Pediatric Critical Care Medicine*, 19(6), 564-571 DOI: [10.1097/PCC.0000000000001532](https://doi.org/10.1097/PCC.0000000000001532) \*