

CURRICULUM VITAE (Abbreviated for SIMULATION)

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

Johns Hopkins University School of Nursing

EDUCATION

Year	Degree	Institution
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

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

<u>2017-present</u>	<u>Johns Hopkins University School of Nursing</u>
2024-present	Associate Dean for Simulation & Immersive Learning
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
<u>2019-2023</u>	<u>Johns Hopkins Medicine Simulation Center</u>
	Simulation Strategic Projects Lead
<u>2006-2019</u>	<u>Johns Hopkins University School of Medicine, Bloomberg Children's Center JHH PICU</u>
2006-2019	Acute Care Pediatric Nurse Practitioner
2017-2019	Pediatric Critical Care Simulation Coordinator
2013-2019	Pediatric Cardiac Critical Care Coordinator
<u>2004-2006</u>	<u>University of Maryland Medical Center; Express Care, Baltimore, MD</u>
	Pediatric Transport Registered Nurse
<u>2001-2003</u>	<u>Children's Hospital of Pittsburgh, Pediatric Intensive Care Unit (PICU), Pittsburgh, PA</u>
	Pediatric Critical Care Registered Nurse I & II

SSH SERVICE

SSH Board of Directors Service

2025-present SSH Board of Directors Executive Committee At-Large Member

2024-present SSH Board of Directors At-Large

SSH Committees, Councils, and/or Commissions

2025-present SSH/ Society for Simulation in Europe (SESAM) Joint Liaison Working Group

2025-present SSH Strategic Partnership Task Force

2025-present SSH Advocacy Committee Member

2026 Co-Lead Targeted Outreach Working Group

2025-present SSH Accreditation Council (BoD liaison)

2024-2025 SSH Advocacy Committee (BoD liaison)

2024-2025 SSH Internal Relations Committee Member

2024-2025 SSH Technology Committee Member (BoD liaison)

2023-present IMSH Visioning Working Group of the Meetings Oversight Commission

SSH SERVICE (continued)

2023-present SSH Finance and Audit Committee Member

2020-2023 SSH Finance and Audit Committee Member

Tasks Force and Affinity Groups

2024-present SSH Vice-Chair SSH Simulation Grounded Competency Based Education (SG-CBE) Task Force

2024-present Simulation Grounded Competency Based Education Affinity Group

Healthcare Distance Simulation Collaboration SSH

2024 Healthcare Distance Simulation Collaborative: Scholarship Program Administration and Management

2023 Healthcare Distance Simulation Collaborative: Pictography/Visual Communication

2021 Healthcare Distance Simulation Collaborative: Education/Foundational Considerations

Other Simulation Affiliations

International Nursing Association for Clinical Simulation & Learning

International Pediatric Simulation Society

Society for Simulation in Europe (SESAM)

HONORS AND AWARDS

2026 Society for Simulation in Healthcare Presidential Citation: *The SSH Advocacy Committee*

2025 Maryland Higher Education Commission Dr. Peg E. Daw Nurse Faculty Annual Recognition Award for Innovation in Education and Technology

2025 SSH Articles of Influence for 2023: 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 SSH 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.

2024 *Nursing Outlook* 2023 Author Awards: A competency roadmap for advanced practice nursing education using PRIME-NP. *Nursing Outlook*, 70(2), 337-346.

2022 Johns Hopkins School Isabel Hampton Robb Fellowship: *Multi-Player VR 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

2026-2027 Johns Hopkins Sesquicentennial Award: *Shaping the Future of the Health through Technology Enhanced Methodologies: A Cross-Discipline Convening Series*. PI: Kristen M. Brown \$25,000

2025-2026 Johns Hopkins 2025 Malone Seed Grant Program: *Real-Time Dose Optimization for Pediatric ICU Sedation using Reinforcement Learning*. PIs: LaRosa, J., Kudchadkar, S..., Brown, K.M. \$50,000

2025-2026 Greater Kansas City Community Foundation E3 Fund: *AI-Driven Adaptive XR Learning Platform*. PI: Kristen M. Brown. \$100,000

2024-2026 2024 Johns Hopkins Nexus Award; Convening: *Shaping the Future of the Healthcare Workforce: Policy and Best Practice Recommendations for the Use of Simulation for Healthcare Education*. PI: Kristen M. Brown \$100,000

2023-2025 Conway Innovation Challenge: Johns Hopkins School of Nursing Immersive Prospective Shifting XR Learning Hub. Role: PI: Kristen M. Brown \$400,000

2023-2024 HRSA SNAPT- *Supporting Nursing Advanced Practice Transitions*. Co-Investigator-simulation curriculum development 10% effort. \$3,200,000

2021-2025 Behavioral Health Workforce Education and Training Program- American Rescue Plan HRSA-MC1HP42084-01-00. Role: Co-Investigator-Simulation Lead 10% effort. \$1,800,000

2021-2025	State of Maryland, NSPII. NSPII21-110: <i>DNP in Nurse Anesthesiology</i> . Co-Investigator-Simulation Lead 10% effort. \$2,085,872
2020-2023	State of Maryland, NSPII. NSPII 21-111. <i>Supporting nursing Advanced Practice Transitions</i> . Role: Co-Investigator-simulation lead 3% effort. \$886,370
2020-2022	Johns Hopkins Digital Education & Learning Technology Acceleration Grant: <i>Interprofessional Education Using Multiplayer VR for Medical & Nursing Trainees</i> . PI: Kristen M. Brown \$75,000
2019-2022	MHEC Nurse Support Program NSPII. 18-111. PRIME Model for DNP-NP Education. Co-I 20% effort. Simulation curriculum development and competency measurement. \$1,001,596

Publications: Peer Reviewed Journal Articles/White Papers (*data-based) (Selected Simulation)

Google Scholar [link](#) NCBI Bibliography [link](#)

- Atkins, R., **Brown, K. M.**,...& Szanton, S. (2025). Reimagining nursing education: Leveraging competency-based education, artificial intelligence, and simulation for a diverse and practice-ready workforce. *Nursing Outlook*, 73(6), 102582. Advance online publication. DOI: [10.1016/j.outlook.2025.102582](https://doi.org/10.1016/j.outlook.2025.102582)
- Cieslowski, B., Anderson, M., **Brown, K.M.**, Guido-Sanz, F., Fentress Hallmark, B., Wells-Beede, E., Konzelmann, J., Belk, W.B., Smeltzer, S., et al. (2025). Extended reality in health care simulation: current state, challenges, and future directions. *Nurse Educator*. DOI: [10.1097/NNE.0000000000001996](https://doi.org/10.1097/NNE.0000000000001996)
- 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)
- 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*, 10-1097. DOI: [10.1097/SIH.0000000000000822](https://doi.org/10.1097/SIH.0000000000000822)
- 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)
- 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)
- Brown, K.M.**, Perretta, J., Anderson, M,...Jeffers, et al. (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/>*
- 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)*
- Brown, K.M.**, 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>
- Brown, K.M.**, ..., Hunt, E.A, et al. (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) *
- Brown, K.M.**, Hunt, E.A., et. al. (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) *
- Lioce, L., Conelius, J., **Brown, K.M.** (editors) (2020). Simulation Guidelines and Best Practices for Nurse Practitioner Programs. [National Organization of Nurse Practitioner Faculties](https://www.nursepractitioner.org/publications/simulation-guidelines-and-best-practices-for-nurse-practitioner-programs). Washington: D.C.
- Perretta JS,...**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)
- 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) *