

**CURRICULUM VITAE  
PART I**

**PERSONAL DATA**

**Vinciya Pandian, PhD, MBA, MSN, RN, ACNP-BC, FCCM, FAANP, FAAN, FFMRC**

Office: Johns Hopkins School of Nursing  
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**EDUCATION**

<b>Year</b>	<b>Degree</b>	<b>Institution</b>	<b>Location</b>
2018	Master of Business and Administration; Health Care Management	University of Baltimore	Baltimore, MD
2013	Doctor of Philosophy in Nursing	Johns Hopkins University School of Nursing	Baltimore, MD
2004	Master of Science in Nursing; Acute Care Nurse Practitioner	Johns Hopkins University School of Nursing	Baltimore, MD
1996	Bachelor of Science in Nursing and Midwifery	College of Nursing Christian Medical College and Hospital	Vellore, India

***Fellowships***

- 2020 – 2021: Elevating Leaders in Academic Nursing Fellowship  
American Association of Colleges of Nursing
- 2020 – 2021: SOURCE Service-Learning Community Faculty Fellowship  
Johns Hopkins University
- 2010 – 2011: Predoctoral Clinical Research Training Fellowship (TL1RR)  
Johns Hopkins University School of Medicine

***Certifications***

- 2023 Mastering Design Thinking Massachusetts Institute of Technology Sloan School of Management

## **CURRENT LICENSES AND CERTIFICATIONS**

<b>Year</b>	<b>Source</b>	<b>Type</b>
2015	Society of Critical Care Medicine	Fundamental Critical Care Support Certificate (FCCS)
2006	National Provider Identification Number	Individual
2004	American Nurses Credentialing Center	Acute Care Nurse Practitioner (ACNP-BC)
1998	Maryland Board of Nursing	Registered Nurse (RN)
1996	Trained Nurses Association of India	Registered Nurse (RN)
1996	Trained Nurses Association of India	Registered Nurse Midwife (RNM)

## **PROFESSIONAL EXPERIENCE**

<b>Year</b>	<b>Position</b>	<b>Institution</b>	<b>Location</b>
2021-present	Assistant Dean of Immersive Learning and Digital Innovation	Johns Hopkins University School of Nursing	Baltimore, MD
2019-present	Associate Professor	Johns Hopkins University School of Nursing	Baltimore, MD
2020-2021	Associate Director of Doctor of Nursing Practice- Executive-MPH Program	Johns Hopkins University School of Nursing	Baltimore, MD
2019-2021	Associate Director of Doctor of Nursing Practice- Executive-MBA Program	Johns Hopkins University School of Nursing	Baltimore, MD
2019-2021	Associate Director of Doctor of Nursing Practice- Executive Program	Johns Hopkins University School of Nursing	Baltimore, MD
2018 – 2020	Director, Research Honors Program	Johns Hopkins University School of Nursing	Baltimore, MD
2017 - 2019	International Practicum Coordinator	Johns Hopkins University School of Nursing	Baltimore, MD

2016-2019	Assistant Professor	Johns Hopkins University School of Nursing	Baltimore, MD
2015-2016	Joint Appointment Faculty	Johns Hopkins University School of Nursing	Baltimore, MD
2015 - 2017	Assistant Professor	Johns Hopkins University School of Medicine, Otolaryngology- Head and Neck Surgery	Baltimore, MD
2014-2017	Assistant Professor	Johns Hopkins University School of Medicine, Anesthesia Critical Care Medicine	Baltimore, MD
2013-2016	Director of Practice, Education, & Research, Johns Hopkins Hospital Airway Program	Johns Hopkins Hospital, Anesthesia Critical Care Medicine	Baltimore, MD
2012-2016	Nursing Director, Percutaneous Tracheostomy Service	Johns Hopkins Hospital, Anesthesia Critical Care Medicine	Baltimore, MD
2007-2012	Tracheostomy Nurse Practitioner & Research Associate, Percutaneous Tracheostomy Service	Johns Hopkins Hospital, Anesthesia Critical Care Medicine	Baltimore, MD
2004-2007	Research Intern	Johns Hopkins Hospital Lung Lab	Baltimore, MD
2004-2007	Research Nurse	Johns Hopkins Bayview Medical Center General Clinic Research Center	Baltimore, MD
2004-2007	Pulmonary Nurse Practitioner & Program Coordinator	Johns Hopkins Bayview Medical Center Pulmonary Progressive Care Unit	Baltimore, MD
2003-2006	Critical Care Transport Nurse (Nurse Clinician II)	Johns Hopkins Hospital Lifeline Critical Care Transport Program	Baltimore, MD
2001-2003	Critical Care Nurse (Nurse Clinician I)	Johns Hopkins Hospital Medical Intensive Care Unit	Baltimore, MD
2000-2001	Critical Care Nurse (Full Partner)	University of Maryland Medical Systems Medical Intensive Care Unit	Baltimore, MD

1998-2000	Staff Nurse	Washington Adventist Hospital Medical-Surgical Oncology Floor	Takoma Park, MD
1998-1998	Patient Care Technician	Washington Adventist Hospital Medical-Surgical Oncology Floor	Takoma Park, MD
1997-1998	Lecturer	Giffard Memorial Hospital School of Nursing	Nuzvid, India
1996-1997	Public Health Nurse	Christian Medical College and Hospital Community Health and Development program	Vellore, India
1996-1997	Nurse Midwife	Christian Medical College and Hospital Labor and Delivery Room and Operating Theatre, Community Health and Development Unit	Vellore, India

### **HONORS AND AWARDS**

- 2023 Excellence In Service, Research, and Education (EISRE), Vellore Christian Medical College Foundation
- 2023 Excellence in Research Mentoring, Johns Hopkins School of Nursing
- 2023 Accreditation of Center for Immersive Learning and Digital Innovation, Society of Simulation in Healthcare
- 2023 Fellow of Critical Care Medicine, for commitment to the ideals and practice of interprofessional critical care, American College of Critical Care Medicine
- 2022 Fulbright Specialist, U.S. Department of State's Bureau of Educational and Cultural Affairs and World Learning
- 2021 American Journal of Speech-Language Pathology, 2020 Editor's Award, "Speech-Language Pathology Guidance for Tracheostomy During the COVID-19 Pandemic: An International Multidisciplinary Perspective"
- 2021 The Johns Hopkins Alumni Association's Excellence in Teaching Award
- 2021 Fellow of Elevating Leaders in Academic Nursing, Class of ELAN, American Association of Colleges of Nursing
- 2021 Fellow of the SOURCE Service-Learning Community Faculty Fellows Program, Johns Hopkins University
- 2020 Fellow of the Faculty of Nursing and Midwifery, Ad Eundem, Royal College of Surgeons, Dublin, Ireland

- 2020 Outstanding Service Award, Society of Otorhinolaryngology-Head and Neck Nurses
- 2019 Third Place Best Research Poster Award, 5<sup>th</sup> International Tracheostomy Symposium, Melbourne, Australia
- 2019 Outstanding Nurse Researcher, Dean's Alumni Awards, Baltimore, MD
- 2019 Fellow of the American Association of Nurse Practitioners, Indianapolis, Indiana
- 2019 Golden Mask Award for Outstanding Nurse-Led Quality Improvement in Africa, Global Alliance of Perioperative Professionals
- 2018 Inducted into Beta Gamma Sigma Business Honor Society
- 2018 Inducted into Sigma Iota Epsilon Management Honor Society
- 2018 Inducted into Sigma Nu Tau Entrepreneurship Honor Society
- 2018 First Place Research Poster Award, Characteristics of Critically Ill Patients Receiving One-Way Speaking Valves Following Initial Tracheostomy Placement, 4<sup>th</sup> International Tracheostomy Symposium, Dallas, Texas
- 2018 Best Scientific Abstract, Runner, Mechanically Ventilated Patients Report Improvement in Communication with Talking Tracheostomy Tubes, 4<sup>th</sup> International Tracheostomy Symposium, Dallas, Texas
- 2017 Award for program development and quality improvement Expo Presentation, Physical Medicine and Rehabilitation, 7<sup>th</sup> Annual Research and Clinical Expo, Baltimore, MD
- 2017 New Faculty Fellowship Award, Maryland Higher Education Commission, Baltimore, MD
- 2017 Fellow of the American Academy of Nursing, Washington, DC
- 2016 Honorable recognition from The Global Tracheostomy Collaborative for vision and tireless work in organizing the 3<sup>rd</sup> International Tracheostomy Symposium, Baltimore, MD
- 2015 Literary Award 39<sup>th</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses, Dallas, TX
- 2014 University of Baltimore & Towson University Merit Scholarship, Baltimore, MD
- 2014 Research Poster Award – Difficult Airway Response Team, 38<sup>th</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses, Orlando, FL
- 2013 Research Poster Award – Outpatient Follow-Up of Tracheostomy Patients, 37<sup>th</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses, Vancouver, BC
- 2013 Society of Otorhinolaryngology and Head-Neck Nurses Honor Award, Vancouver, BC

- 2013 Sue K. Donaldson Dissertation Award for the outstanding Ph.D. Dissertation in the Johns Hopkins School of Nursing, Baltimore, MD
- 2012 Doctoral Award for Best Published Paper titled – Predictors of short-term mortality in patients undergoing a percutaneous dilatational tracheostomy, Johns Hopkins University, Baltimore, MD
- 2011 Gold Medal Poster: Patient Safety and Quality Improvement – Quality of Life in Mechanically Ventilated Patients – Pilot Study Thirteenth Annual Anesthesiology and Critical Care Medicine Research Day, Baltimore, MD
- 2011 Clinical Poster Award – Tracheostomy Tube Capping and Decannulation Guidelines: A QI Project, 34<sup>th</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses, San Francisco, CA,
- 2010 Patient Education Video Award – Tracheostomy and Laryngectomy Stoma Care, 33<sup>rd</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses, Boston, MA,
- 2009 Research Poster Award – Model for Best Practice: Nurse Practitioner Facilitated Tracheostomy Service, 32<sup>nd</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses, San Diego, CA
- 2004 Sigma Theta Tau-Nu Beta Chapter Award in recognition of superior academic achievement, creative scholarship, and research, Baltimore, MD
- 2002 Inducted into Society of Sigma Theta Tau, Nu Beta Chapter, Baltimore, MD
- 1992 Best Outgoing Student Award, James Memorial Matriculation Higher Secondary School, Pragasapuram, India
- 1992 First Rank in Science Major Award, James Memorial Matriculation Higher Secondary School, Pragasapuram, India
- 1991 First Rank among all Majors (Science, Mathematics & Commerce) Award, James Memorial Matriculation Higher Secondary School, Pragasapuram, India
- 1991 First Rank in Science Major Award, James Memorial Matriculation Higher Secondary School, Pragasapuram, India

## **RESEARCH**

### **Research / Educational Grants**

- 2022 – 2023 Unrestricted Educational Grant for Quality Improvement work in global dissemination of tracheostomy best practices. Co-PIs: Pandian V, Brenner MJ, Awarded to Global Tracheostomy Collaborative, Medtronic (Minneapolis, MN), \$50,000

- 2021 – 2022 Tracheostomy-related injury in military patients during COVID-19, PI: Chandler Moser, Role: Advisor/co-PI, Triservice Nursing Research Program, \$20,000
- 2017 – 2020 New Nurse Faculty Fellowship, Maryland Higher Education Commission, \$20,000
- 2018 – 2019 Community That Cares Opioid Prevention Program, Municipality Grant from City of Aberdeen (\$15,000) and Harford County Drug Policy Office (\$15,000), \$30,000
- 2018 – 2019 Development, Implementation, and Evaluation of a Rapid Response Program at a Nigerian Teaching Hospital, a Novel Idea in Sub-Saharan Africa, PI: Promise Ariyo, Role: Co-Investigator, Stimulating and Advancing Anesthesia Critical Care Medicine Research Award, Johns Hopkins Hospital, \$56,520
- 2013 – 2014 A prospective evaluation of a tracheostomy tube that enables communication in ventilator-dependent patients – A pilot study  
Society of Otolaryngology, Head-Neck Nursing, \$1,500  
Johns Hopkins Nursing Shirley Sohmer Research Grant, \$1000
- 2008 – 2013 Quality of life in mechanically ventilated patients  
Predoctoral Dissertation Funding  
2012 – 2013: National Center for Research Resources and the National Center for Advancing Translational Sciences 101872 NCAT, \$1,000  
2011 – 2012: Society of Otolaryngology, Head-Neck Nurses Research Grant, \$2,000  
2011 – 2012: Johns Hopkins University School of Nursing Doctoral Fellowship, \$12,000  
2010 – 2011: Predoctoral Clinical Research Fellowship, \$41,180  
2010 – 2011: Caylor Doctoral Fellowship, \$18,000  
2009 – 2010: Madelyn Tunner Doctoral Fellowship, \$19,557  
2008 – 2009: Ellen Levi Zamoiski Endowed Pre-Doctoral Fellowship, \$36,960
- 2006 - 2007 Transitoriness in cancer patients, PI: Dr. Anne Belcher, Role: Research Assistant, 1% effort, Dorothy Evans Lynne Fund for Collaborative Nursing Research, \$10,000

### **Sponsored Projects**

- 2022 – 2026 Center for Immersive Learning and Digital Innovation: A Patient Safety Learning Lab advancing patient safety through design, systems engineering, and health services research, Role: PI, 20% effort, Agency for Healthcare Research and Quality, R18HS029124, \$1,999,97
- 2022 – 2023 Quantitative Assessment of Live Three-Dimensional Immersive Operating Room Observation via Virtual Reality Technology Compared to In-Person Training for Orthopedic Surgical Education, Digital Education & Learning Technology Acceleration (DELTA) grant, \$75,000
- 2021 – 2022 Violence Against Healthcare Workers: A Pilot Study to Explore Perceptions of Emergency Department Healthcare Workers regarding Reporting Behaviors, Dorothy Evans Lynne Fund for Collaborative Nursing Research, \$10,000
- 2019 – 2020 An Implementation Science Study of Nursing Use of Music for Pain (M4P), Role: Co-investigator, 20% effort, Johns Hopkins Discovery Award, \$100,000

- 2018 – 2023 Symptoms Assessment and Screening for Laryngeal Injury Post-extubation in ICU, Role: Co-PI, 20% effort, Other Co: PI: Martin Brodsky/Dale Needham, National Institute of Nursing Research, National Institute of Health, R01NR017433, \$3,232,377
- 2018 – 2020 Development, Implementation, and Evaluation of an Evidence-Based Nurse-Led Rapid Response Program in a Low-Resource Setting, Role: PI, 3% effort, Sigma/American Nurses Credentialing Center Evidence-Based Practice (EBP) Implementation Research Award, \$20,000
- 2018 – 2020 Novel Arm Restraint for Intubated Patients with Cognitive Impairment to Reduce Agitation, Sedation, and Immobility, PI: Renee Stapleton/Dale Needham, Role: Co-Investigator, 3% effort, Small Business Technology Transfer (STTR) Subaward, National Institute on Aging, National Institute of Health, R42AG059451, \$148,230
- 2017 – 2018 Evaluating the Educational Outcomes of SimUTrach, Wearable Technology for the Standardized Patient, with Manikin based Simulation Education: A Translational Research Study, Role: PI, 3% effort, Quod Erat Demonstrandum (QED) Innovation Subaward via the University of Delaware, \$10,000
- 2016 – 2017 Proposal for the development of an organizational safety protocol for the morbid and super obese patient population at the Johns Hopkins Hospital, PI: Dennis W. Jones, Role: Co-Investigator, 1% effort, funded by Multicenter Insurance Company (MCIC) Vermont, (A reciprocal risk retention group), A specialty liability insurance company, \$25,000
- 2016 – 2017 Impact of fenestrated tracheostomy tubes, PI, 10% effort, Medtronic, \$25,000
- 2014 – 2016 A prospective evaluation of a tracheostomy tube that enables communication in ventilator-dependent patients – A pilot study, Role: PI, 10% effort, Smiths Medical Research Grant, \$74,000
- 2014 – 2016 Validation of training for cricothyroidotomy: Comparison of live tissue to an advanced simulation model for training surgical cricothyroidotomy, Subaward, PI: Dr. Haut / Dr. Bowyer, Role: Co-investigator, 10% effort, funded by the U.S. Army Medical Research and Materiel Command, Primary PI: \$800,858; Subaward: \$142,000
- 2010 – 2011 Quality of life in mechanically ventilated patients, Role: PI, 100% effort, Kirschstein-NRSA training grant from the Institute for Clinical and Translational Research, National Institute of Health (TL1RR-025007), \$41,180

## **SCHOLARSHIP**

### **Publications**

#### **Peer-reviewed Journal Articles (‡ Co-First Author; \*Databased)**



1. Sumergrade Webster J, Watson H, Johnson AA, Zhou Z, Pantelyat A, Marsteller J, **Pandian V**. Music as a patient-centered approach to pain management: Patient collaboration with nurse-led research team. *J Clin Nurs*. 2023. Epub 20230717. doi: 10.1111/jocn.16826. PubMed PMID: 37458191.
2. Ninan A, Grubb LM, Brenner MJ, Pandian V. Effectiveness of interprofessional tracheostomy teams: A systematic review. *J Clin Nurs*. 2023. Epub 20230703. doi: 10.1111/jocn.16815. PubMed PMID: 37395139.
3. Kamdar BB, Fine JM, Pavini MT, Ardren SS, Burns S, Bates JH, McGinnis RS, **Pandian V**, Lin BH, Needham DM, Stapleton RD. Phase I pilot safety and feasibility of a novel restraint device for critically ill patients requiring mechanical ventilation. *Journal of the Intensive Care Society*. 0(0):17511437231182503. doi: 10.1177/17511437231182503.
4. Ahmed AM, Macapili E, Brenner MJ, **Pandian V**. Accelerating Detection and Intervention for Sepsis in Skilled Nursing Facilities Using a Sepsis Pathway. *J Nurs Care Qual*. 2023. Epub 20230622. doi: 10.1097/NCQ.0000000000000729. PubMed PMID: 37350588.
5. **Pandian, V.**, Atkins, J. H., Freeman-Sanderson, A., Prush, N., Feller-Kopman, D. J., McGrath, B. A., & Brenner, M. J. (2023). Improving airway management and tracheostomy care through interprofessional collaboration: aligning timing, technique, and teamwork. *Journal of Thoracic Disease*, 15(5), 2363-2370. <https://jtd.amegroups.com/article/view/74658>
6. Dangerfield DT, 2nd, Davis G, **Pandian V**, Anderson JN. Using Motivational Interviewing to Increase HIV PrEP Initiation and Adherence: A Scoping Review. *Prev Sci*. 2023. Epub 20230530. doi: 10.1007/s11121-023-01554-w. PubMed PMID: 37249729.
7. Cramer JD, **Pandian V**, Brenner MJ. Global variation in opioid prescribing after head and neck reconstruction: understanding the United States' outlier status. *J Oral Maxillofac Anesth*. 2022;1. doi: 10.21037/joma-22-44. PubMed PMID: 37034113; PMCID: PMC10081504 (Editorial).
8. \*Zaga CJ, Freeman-Sanderson A, Happ MB, Hoit JD, McGrath BA, **Pandian V**, Quraishi-Akhtar T, Rose L, Sutt AL, Tuinman PR, Wallace S, Bellomo R, Berney S, Vogel AP. Defining effective communication for critically ill patients with an artificial airway: An international multi-professional consensus. *Intensive Crit Care Nurs*. 2023;76:103393. Epub 20230126. doi: 10.1016/j.iccn.2023.103393. PubMed PMID: 36706499.
9. **Pandian V**, Freeman-Sanderson A, McGrath BA, Brenner MJ. Letter to the Editor: "What matters most to adults with a tracheostomy in ICU and the implications for clinical practice: A qualitative systematic review and metasynthesis.". *J Crit Care*. 2023:154252. Epub 20230106. doi: 10.1016/j.jcrc.2023.154252. PubMed PMID: 36621391 (Letter to Editor).
10. Reynolds NR, Baker D, D'Aoust R, Docal M, Goldstein N, Grubb L, Hladek MD, Koirala B, Kverno K, Ling C, Lukkahatai N, McCltrot K, **Pandian V**, Regier NG, Sloand E, Tomori C, Wenzel J. COVID-19: Implications for Nursing and Health Care in the United States. *J Nurs Scholarsh*. 2023;55(1):187-201. doi: 10.1111/jnu.12853. PubMed PMID: 36583656 (Editorial).

11. \*Taj M, Kassamali SA, Khan Jiwani B, Sulaiman Khan Z, **Pandian V**. Outcomes of evidence-based modified sepsis protocol in an emergency department in Tanzania. *Int Emerg Nurs*. 2022;64:101197. Epub 20220811. doi: 10.1016/j.ienj.2022.101197. PubMed PMID: 35
12. Moser CH, Peeler A, Long R, Schoneboom B, Budhathoki C, Pelosi PP, Brenner MJ, **Pandian V**. Prevention of Tracheostomy-Related Pressure Injury: A Systematic Review and Meta-analysis. *Am J Crit Care*. 2022;31(6):499-507. doi: 10.4037/ajcc2022659. PubMed PMID: 36316177 (Review).
13. \*Jung DTU, Grubb L, Moser CH, Nazarian JTM, Patel N, Seldon LE, Moore KA, McGrath BA, Brenner MJ, **Pandian V**. Implementation of an evidence-based accidental tracheostomy dislodgement bundle in a community hospital critical care unit. *J Clin Nurs*. 2022. Epub 20221005. doi: 10.1111/jocn.16535. PubMed PMID: 36200145.
14. \***Pandian V**, Ghazi TU, He MQ, Isak E, Saleem A, Semler LR, Capellari EC, Brenner MJ. Multidisciplinary Difficult Airway Team Characteristics, Airway Securement Success, and Clinical Outcomes: A Systematic Review. *Ann Otol Rhinol Laryngol*. 2022;34894221123124. Epub 20221002. doi: 10.1177/00034894221123124. PubMed PMID: 36189709.
15. Ward E, **Pandian V**, Brenner MJ. It takes a village to raise a child with a tracheostomy: Translating principles into practice. *J Clin Nurs*. 2022. Epub 20221002. doi: 10.1111/jocn.16549. PubMed PMID: 36183198. (Letter to the Editor)
16. Beshore S, DeLeo AL, **Pandian V**. Advocacy on Capitol Hill: Three Otorhinolaryngology-Head and Neck Nurses, Three Days, and Three Asks. *ORL-Head and Neck Nursing*. 2022;40(2):35-34. (Editorial)
17. Moser CH, Peeler A, Long R, Schoneboom B, Budhathoki C, Pelosi PP, Brenner MJ, **Pandian V**. Prevention of Endotracheal Tube-Related Pressure Injury: A Systematic Review and Meta-analysis. *Am J Crit Care*. 2022;31(5):416-24. doi: 10.4037/ajcc2022644. PubMed PMID: 36045034 (Review).
18. Smith GD, Bradbury-Jones C, Gelling L, Neville S, **Pandian V**, Salamonson Y, Hayter M. Addressing the mental health of nurses during the COVID-19 pandemic: Time for support. *J Clin Nurs*. 2022. Epub 20220626. doi: 10.1111/jocn.16383. PubMed PMID: 35754204. (Editorial)
19. \***Pandian V**, Hopkins BS, Yang CJ, Ward E, Sperry ED, Khalil O, Gregson P, Bonakdar L, Messer J, Messer S, Chessels G, Bosworth B, Randall DM, Freeman-Sanderson A, McGrath BA, Brenner MJ. Amplifying patient voices amid pandemic: Perspectives on tracheostomy care, communication, and connection. *Am J Otolaryngol*. 2022;43(5):103525. Epub 20220607. doi: 10.1016/j.amjoto.2022.103525. PubMed PMID: 35717856 (Editorial).
20. Taj M, Brenner M, Sulaiman Z, **Pandian V**. Sepsis protocols to reduce mortality in resource-restricted settings: A systematic review. *Intensive Crit Care Nurs*. 2022;103255. Epub 20220607. doi: 10.1016/j.iccn.2022.103255. PubMed PMID: 35688752 (Review).
21. \*McIltrout K, Busch DW, Van Graafeiland B, Stashinko E, Abshire M, Daniels M, **Pandian V**, Panchalingam S, Himmelfarb CR, R DA. Establishing the doctor of nursing practice project ethical review

- process to improve standardization, efficiency, and timeliness. *Nurs Outlook*. 2022. Epub 20220502. doi: 10.1016/j.outlook.2022.03.002. PubMed PMID: 35513900.
22. **Pandian V**, Dino MJS, McLennan L, Brown KM, Sullivan N, Coker D, Pandian OBR, Matta HR, Davidson P, Szanton SL. Nursing education in uncharted waters: Are we successfully navigating the industrial revolutions ahead? *J Clin Nurs*. 2022. Epub 20220411. doi: 10.1111/jocn.16319. PubMed PMID: 35411638. (Editorial)
  23. \*Hooge N, Allen DH, McKenzie R, **Pandian V**. Engaging advanced practice nurses in evidence-based practice: An e-mentoring program. *Worldviews Evid Based Nurs*. 2022. Epub 20220217. doi: 10.1111/wvn.12565. PubMed PMID: 35174950.
  24. **Pandian, V.**, Coker, D. K., & Shelhamer, M. (2022). Nursing Care in Space-The need for nurses in the new and evolving field of healthcare in space. *J Clin Nurs*, 31(1-2). <https://doi.org/10.1111/jocn.16092> (Editorial)
  25. \*Sampath, R., Nayak, R., Gladston, S., Ebenezer, K., Mudd, S. S., Peck, J., Brenner, M. J., & **Pandian, V.** (2022). Sleep disturbance and psychological distress among hospitalized children in India: Parental perceptions on pediatric inpatient experiences. *J Spec Pediatr Nurs*, 27(1), e12361. <https://doi.org/10.1111/jspn.12361>
  26. Brenner, M. J., McGrath, B. A., & **Pandian, V.** (2021). Small Steps Towards Better Tracheostomy Care During the Evolving COVID-19 Pandemic. *J Intensive Care Med*, 36(12), 1513-1515. <https://doi.org/10.1177/08850666211049087> (Letter to the Editor)
  27. \*Moser, C. H., Freeman-Sanderson, A., Keeven, E., Higley, K. A., Ward, E., Brenner, M. J., & **Pandian, V.** (2022). Tracheostomy care and communication during COVID-19: Global interprofessional perspectives. *Am J Otolaryngol*, 43(2), 103354. <https://doi.org/10.1016/j.amjoto.2021.103354>
  28. \*Eisenhauer, L., Hansen, B. R., & **Pandian, V.** (2021). HPV immunization among young adults (HIYA!) in family practice: A quality improvement project. *J Adv Nurs*. <https://doi.org/10.1111/jan.15090>
  29. Allgood, S., Peters, J., Benson, A., Maragos, C., McIltrout, K., Slater, T., Akst, L., Best, S. R., Galiatsatos, P., Brodsky, M. B., Brenner, M. J., & **Pandian, V.** (2021). Acquired laryngeal and subglottic stenosis following COVID-19-Preparing for the coming deluge. *J Clin Nurs*. <https://doi.org/10.1111/jocn.15992> (Editorial)
  30. \*Berges, A. J., Lina, I. A., Ospino, R., Tsai, H. W., Brenner, M. J., **Pandian, V.**, Rule, A. M., & Hillel, A. T. (2021). Quantifying Viral Particle Aerosolization Risk During Tracheostomy Surgery and Tracheostomy Care. *JAMA Otolaryngol Head Neck Surg*, 147(9), 797-803. <https://doi.org/10.1001/jamaoto.2021.1383>
  31. Martin, K. A., Percha, C. M., Hager, D. N., Brenner, M. J., & **Pandian, V.** (2021). Reply: Speaking Valve Placement: Use Manometry and Downsizing. *Ann Am Thorac Soc*, 18(11), 1928-1929. <https://doi.org/10.1513/AnnalsATS.202104-500LE> (Letter to the Editor)
  32. \*Lok, K. Y., Fong, D. Y. T., Wong, J. Y. H., Ho, M., Choi, E. P., **Pandian, V.**, Davidson, P. M., Duan, W., Tarrant, M., Lee, J. J., Lin, C. C., & group, C. (2021). International survey for assessing COVID-19's impact on fear and health: study protocol. *BMJ Open*, 11(5), e048720. <https://doi.org/10.1136/bmjopen-2021-048720>

33. Agrawal, A., **Pandian, V.**, & Murgu, S. (2021). Shared Decision-making and Stakeholder Engagement in COVID-19 Tracheostomy. *JAMA Otolaryngol Head Neck Surg*, 147(6), 576-577. <https://doi.org/10.1001/jamaoto.2021.0184> (Editorial)
34. \*Martin, K. A., Cole, T. D. K., Percha, C. M., Asanuma, N., Mattare, K., Hager, D. N., Brenner, M. J., & **Pandian, V.** (2021). Standard versus Accelerated Speaking Valve Placement after Percutaneous Tracheostomy: A Randomized Controlled Feasibility Study. *Ann Am Thorac Soc*, 18(10), 1693-1701. <https://doi.org/10.1513/AnnalsATS.202010-1282OC>
35. **Pandian, V.**, Murgu, S., & Lamb, C. R. (2021a). COUNTERPOINT: Tracheostomy in Patients With COVID-19: Should We Do It Before 14 Days? No. *Chest*, 159(5), 1727-1729. <https://doi.org/10.1016/j.chest.2020.12.064> (Point Counterpoint Editorial)
36. **Pandian, V.**, Murgu, S., & Lamb, C. R. (2021b). Rebuttal From Drs Pandian, Murgu, and Lamb. *Chest*, 159(5), 1731-1733. <https://doi.org/10.1016/j.chest.2021.01.075> (Point Counterpoint Editorial)
37. McGrath, B. A., **Pandian, V.**, & Brenner, M. J. (2021). Percutaneous Tracheostomy. *N Engl J Med*, 384(8), 779. <https://doi.org/10.1056/NEJMc2035339> (Letter to the Editor)
38. **Pandian, V.**, Brodsky, M. B., Brigham, E. P., Parker, A. M., Hillel, A. T., Levy, J. M., Rassekh, C. H., Lalwani, A. K., Needham, D. M., & Brenner, M. J. (2021). COVID-19 survivorship: How otolaryngologist-head and neck surgeons can restore quality of life after critical illness. *Am J Otolaryngol*, 42(3), 1029-17. <https://doi.org/10.1016/j.amjoto.2021.102917> (Narrative)
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### Book Chapters

1. **Pandian, V.**, Colandrea, M., Trachea and Esophagus. (2023). In. Core Curriculum for Otorhinolaryngology and Head-Neck Nursing, 3<sup>rd</sup> Edition, Society of Otorhinolaryngology Head-Neck Nursing, Chicago, IL
2. **Pandian, V.**, Coordinating Care for Patients with Lower Airway Disorders. (2023). In. J. Hoffman & N. Sullivan (3<sup>rd</sup> Ed.), *Medical-Surgical Nursing: Making Connections to Practice* (pp. ). F. A. Davis Company, Philadelphia, PA
3. Teall, A., Pittman, O., & **Pandian, V.** (2020). Evidence-Based Assessment of the Lungs and Respiratory System. In K. Gawlik, B. Melnyk, & A. Teall (Eds.), *Evidence-Based Physical Examination: Best Practices for Health and Well-Being Assessment*. Springer Publishing Company. Doi. 10.1891/9780826164544.
4. **Pandian, V.**, Caring for Patients with Renal Disorders. (2019). In. J. Hoffman & N. Sullivan (2<sup>nd</sup> Ed.), *Medical-Surgical Nursing: Making Connections to Practice* (pp. ). F. A. Davis Company, Philadelphia, PA
5. **Pandian, V.**, Ahmad, M., & Bhatti, N. (2015). Tracheostomy-related airway emergencies. In L. Berkow & J. Sakles (Ed.), *Cases in emergency airway management* (pp. 42-47). Cambridge, United Kingdom: Cambridge University Press. Doi.10.1017/CBO9781139941471.007
6. **Pandian, V.**, & Mirski, M. A. (2015). Fundamentals & Timing of Tracheostomy: ICU Team and Patient Perspectives. In J. L. Vincent (Ed.), *Annual Update in Intensive Care and Emergency Medicine* (pp. 219-231). Switzerland: Springer International Publishing.
7. Lorraine, J., **Pandian, V.**, & Mark, L. J. (2015). Communicating airway information: difficult airway letters and the MedicAlert National Difficult Airway/Intubation Registry. In L. C. Berkow & J. C. Sakles (Eds.), *Cases in Emergency Airway Management* (pp. 207 - 216). Cambridge, United Kingdom: Cambridge University Press.

8. Mark, L. J., Foley, L. J., & **Pandian, V.** (2013). Difficult Airway Letter. In W. H. Rosenblatt & W. M. Popescu (Eds.), *Master Techniques in Upper and Lower Airway Management* (pp. 8-10). Philadelphia, PA: Wolter Kluwer Health.

## Conference Meetings / Presentations (\*Data-Based)

### International

- 2023 **Pandian, V.**, Writing for publication successfully, College of Nursing, Christian Medical College, Vellore, India, March 8
- 2023 **Pandian, V.**, Discussion on how to establish research incubators, College of Nursing, Christian Medical College, Vellore, India, March 8
- 2023 **Pandian, V.**, Docal, M., Exploring research topics and strategies to address key health system challenges, A needs assessment using focus groups, Clinical and research orientation workshop, SEWARTH and All India Institute of Medical Sciences, Gorakhpur, India, March 6
- 2023 **Pandian, V.**, Effective ways to write for publication, Clinical and research orientation workshop, SEWARTH and All India Institute of Medical Sciences, Gorakhpur, India, March 6
- 2023 Wahl, B., **Pandian, V.**, An overview of systematic review and meta-analysis, Clinical and research orientation workshop, SEWARTH and All India Institute of Medical Sciences, Gorakhpur, India, March 6
- 2023 **Pandian, V.**, Improving quality of life of mechanically ventilated patients with a focus on tracheostomy care: A global perspective, Clinical and research orientation workshop, SEWARTH and All India Institute of Medical Sciences, Gorakhpur, India, March 6
- 2023 **Pandian, V.**, Role of technology and simulation in advancing nursing education to promote patient safety, Clinical and research orientation workshop, SEWARTH and All India Institute of Medical Sciences, Gorakhpur, India, March 6
- 2023 **Pandian, V.**, Training of the trainers (ToT) on Leadership in Infection Prevention and Control for Nursing Professional (February 27 to December 4), National Institution of Health and Family Welfare, Indian Ministry of Health and Family Welfare, New Delhi, India; (Number of participants = 30).
- 2023 Sullivan, N., **Pandian, V.**, Hands on training on simulation for a patient with myocardial infarction, First international conference on Transformation and Translations in

Nursing Education – New Era, New Insight”, All India Institute of Medical Sciences, Raipur, India, February 23

2023 **Pandian, V.**, Sullivan, N., Muthuvenkatachalam, S., Shetty, A., Mathew, B., Jeayareka, J. (Panel Discussion), Simulation to replace traditional supervised clinical experience in nursing curriculum – a justification, First international conference on Transformation and Translations in Nursing Education – New Era, New Insight”, All India Institute of Medical Sciences, Raipur, India, February 22

2023 **Pandian, V.**, Application of artificial intelligence in nursing education – a global perspective, First international conference on Transformation and Translations in Nursing Education – New Era, New Insight”, All India Institute of Medical Sciences, Raipur, India, February 22

2023 **Pandian, V.**, Swoboda, S., Sullivan, N., Impact of Augmented Reality on Nursing Efficiency, Research Developmental Project Presentation, 23<sup>rd</sup> International Meeting on Simulation in Healthcare (IMSH 2023), Orlando, January 23

2023 **Pandian, V.**, Frost, N., Brodsky, M., Post-Intensive Care Syndrome Post-COVID-19: Speech and Swallowing Challenges, Research Snap Theater Presentation, 2023 Critical Care Congress, Society of Critical Care Medicine, San Francisco, January 22

2023 Ninan, A., Grubb, L., Brenner, M.J., **Pandian, V.**, Multidisciplinary Tracheostomy Teams Improve Clinical Outcomes and Length of Stay, Research Snap Theater Presentation, 2023 Critical Care Congress, Society of Critical Care Medicine, San Francisco, January 22

2023 Chandler, M., Brenner, M.J., **Pandian, V.**, Evidence to Prevent Tracheostomy Tube-Related Pressure Ulcer, Research Snap Theater Presentation, 2023 Critical Care Congress, Society of Critical Care Medicine, San Francisco, January 22

2023 Chandler, M., Brenner, M.J., **Pandian, V.**, Evidence to Prevent Endotracheal Tube-Related Pressure Ulcer, Research Snap Theater Presentation, 2023 Critical Care Congress, Society of Critical Care Medicine, San Francisco, January 22

2023 Jung, DT., Grubb, L., Brenner, M.J., **Pandian, V.**, An Evidence-Based Practice Project to Decrease Accidental Tracheostomy Dislodgement, Research Snap Theater Presentation, 2023 Critical Care Congress, Society of Critical Care Medicine, San Francisco, January 22

2022 **Pandian, V.**, How nursing educators can incorporate advanced immersive technology to improve teaching strategies to improve student learning, College of Nursing, Christian Medical College, Vellore, India, December, 13

2022 **Pandian, V.**, Immersive learning approaches for students aspiring to become nursing educators, College of Nursing, Christian Medical College, Vellore, India, December, 13

2022 **Pandian, V.**, Durai, S., Rodney, T., Kverno, K., Wilson, P., Reynolds., Leveraging global partnerships in addressing COVID-19-related mental health variations; Coming Together for Action, an interdisciplinary conference on behavioral health, social justice & healthier communities; Global Alliance for Behavioral Health and Social Justice, Baltimore, MD, October, 30 (Panel discussion)

2022 **Pandian, V.**, Training of the trainers (ToT) on Leadership in Infection Prevention and Control for Nursing Professional (17<sup>th</sup> to 22<sup>nd</sup> October; and December 5<sup>th</sup> – 10<sup>th</sup>), National Institution of Health and Family Welfare, Indian Ministry of Health and Family Welfare, New Delhi, India; (Number of participants = 51 + 47).

2022 **Pandian, V.**, Continuing the Science of Caring through Evidence Informed Practice, 10<sup>th</sup> Dean's Cup and 4<sup>th</sup> Inter-Collegiate Research Conference, Far Eastern University Institute of Nursing's (FEU-IN), Manila, Philippines, April 27<sup>th</sup> (Number of attendees = 1,200), Keynote Speaker

2022 **Pandian, V.**, Professional motivators to advance in nursing; What keeps you up at night? Inspirational talk, Awards and Annual Day, Manipal College of Nursing, Manipal, India, March 26<sup>th</sup> (Number of attendees = 450), Guest of Honor, Keynote Speaker

2021 **Pandian, V.**, Health Education in the Fourth Industrial Age, Synergizing Partnerships in Advancing Research, Knowledge, and Service (SPARKS) International Conference, "Reimagining health education with technology, A collaboration between Our Lady of Fatima University and the Commission on Higher Education in Philippines, and Saxion University of Applied Sciences in the Netherlands, November, 27<sup>th</sup> (Number of attendees = 762), Invited Speaker

2021 **Pandian, V.**, Emerging trends in Ear, Nose, and Throat Nursing, State Level e-Seminar on "Clinical Pearls in ENT Nursing," Continuing Nursing Education & Research, College of Nursing, Christian Medical College, Vellore, India, August, 27<sup>th</sup> (Number of attendees = 200), Invited Speaker

2021 Clunie, G., Al Yaghchi, C., Holroyd, A., Harper, C., Ashcroft, M., Anderson, N. C., Freeman-Sanderson, A., Brenner, M. J., **Pandian, V.**, Defining airway stenosis: Treatment and management, Global Tracheostomy Collaborative Webinar, August 5<sup>th</sup>, (Number of attendees = 142)

2021 Moser, C., Brenner, M. J., **Pandian, V.**, Barriers of Tracheostomy Care during COVID-19: Clinician, patient, and caretaker perspectives, Promoting Clinical Outcomes, Sigma's 32<sup>nd</sup> International Nursing Research Congress, Singapore, July 22<sup>nd</sup>

2021 Moser, C., Brenner, M. J., **Pandian, V.**, Interventions to prevent airway device-related pressure injury in the ICU: A systematic review, Promoting Clinical Outcomes, Sigma's 32<sup>nd</sup> International Nursing Research Congress, Singapore, July 22<sup>nd</sup>

2021 Durai, S., Rediger., **Pandian, V.**, Fear and Anxiety of working in COVID-19 wards, Leveraging global partnership in addressing COVID-related mental health: A webinar series, Presented by Johns Hopkins School of Nursing and Johns Hopkins India Institute, United States, and College of Nursing, Christian Medical College, Vellore, India, (Moderator) July 9<sup>th</sup>

2021 Sony, A., Wilson, P., **Pandian, V.**, Psychological wellbeing of students during COVID-19 pandemic and lockdown, Leveraging global partnership in addressing COVID-related mental health: A webinar series, Presented by Johns Hopkins School of Nursing and Johns Hopkins India Institute, United States, and College of Nursing, Christian Medical College, Vellore, India, (Moderator) June 18<sup>th</sup>

2021 Auchincloss, H. G., Feller-Kopman, D. F., Hopkins, B., Freeman-Sanderson, A., Brenner, M. J., **Pandian, V.**, Percutaneous and surgical open tracheostomy: Technical pearls and implications for postoperative care., Global Tracheostomy Collaborative Webinar, January 20<sup>th</sup>, (Number of attendees = 98)

2021 **Pandian, V.**, Brenner, M.J., (US Representatives) Tracheostomy Advisory Board: Optimizing Practices around Tracheostomy and Laryngectomy Care in Resource-Restricted Settings. Multidisciplinary Virtual Roundtable. Chengdu, China, April 17

2021 Jackson, C.L., **Pandian, V.**, Preoperative processes in adult patients prior to cataract extraction: The quest for high-value patient-centered care, Perioperative Medicine Summit, Evidence-Based Perioperative medical Care, Virtual, March 5<sup>th</sup> (Poster)

2021 **Pandian, V.**, Lamb, C., Wahidi, M., Brenner, M.J., Bronchoscopy, and Tracheostomy During COVID-19: What have we learned in the past year? Chest COVID-19 Webinar Series, February 25<sup>th</sup>, (Number of attendees = 164)

2021 \*Boisen, S., Siller, C., Sauer, M., Ariyo, P., **Pandian, V.**, Implementation of a Nurse-Led Evidence-Based Rapid Response Program in a Low-Resource Setting, 50<sup>th</sup> Society of Critical Care Medicine, 2021 Virtual Critical Care Congress, January 31<sup>st</sup>

2021 \***Pandian, V.**, Schiff, B., Miliren, C.E., Bedwell, J.R., Freeman-Sanderson, A., Brenner, M.J., Leveraging Data Science to improve tracheostomy outcomes Unveiling GTC Database Version 3.0, Global Tracheostomy Collaborative Webinar, January 20<sup>th</sup>, (Number of attendees = 102)

2020 \***Pandian, V.**, Hopkins, B.S., Raynor, T.P., Brenner, M.J., How Data-Driven Multidisciplinary Trach Teams Transform Care, Prevent Harm, and Save Live, American Academy of Otolaryngology-Head Neck Surgery Foundation 2020 Virtual Annual Meeting & OTO Experience, September 14<sup>th</sup>, (Number of attendees = 79)

- 2020 **Pandian, V.**, Big Data Matures Like Wine: How can nurses benefit from Big Data? 44<sup>th</sup> Annual Society of Otorhinolaryngology Head and Neck Nurses Congress & Nursing Symposium, Virtual, September 12<sup>th</sup> (Number of attendees = 48)
- 2020 **Pandian, V.**, Colandrea, M., Farrington, M., Research Forum: Evidence Based Practice Panel, 44<sup>th</sup> Annual Society of Otorhinolaryngology Head and Neck Nurses Congress & Nursing Symposium, Virtual, September 12<sup>th</sup> (Number of attendees = 83)
- 2020 **Pandian, V.**, Brenner, M.J., Raynor, T. P., Hopkins, B., Reengineering Tracheostomy Care: Leveraging Multidisciplinary Teams and Data Science to Catalyze Quality Improvement, 44<sup>th</sup> Annual Society of Otorhinolaryngology Head and Neck Nurses Congress & Nursing Symposium, Virtual, September 12<sup>th</sup> (Number of attendees = 83)
- 2020 **Pandian, V.**, Oh the Dilemma! Selection of the Right Tracheostomy Tube, Medtronic Webinar Wednesdays, Webinar Series, September 9<sup>th</sup> (Number of attendees = 507)
- 2020 **Pandian, V.**, Freeman-Sanderson, A., Cifranic, M., Ross, J., Hamoline, J., Graham, J., Benjamin, J., Innovative Approaches to Tracheostomy Education of Healthcare Workers during COVID-19, Global Tracheostomy Collaborative Webinar, August 26<sup>th</sup>
- 2020 **Pandian, V.**, Freeman-Sanderson, A., Gupta, A., Parker, A.M., Bonvento, B., Wallace, S., Morris, L.L., Brigham, E.P., Brenner, M.J., From Critical Illness to Health: Interdisciplinary Rehabilitation Strategies to Enhance COVID-19 Recovery, Global Tracheostomy Collaborative Webinar, July 29<sup>th</sup>
- 2020 **Pandian, V.**, COVID-19 Highlights the Vulnerability of Healthcare Workers: Strategies to Protect Healthcare Workers Caring for Tracheostomy Patients, Medtronic Webinar Wednesdays, Webinar Series, July 21<sup>st</sup>
- 2020 **Pandian, V.**, Ramsey, G. C., Palmieri, P. A., Megwalu, U., Michot, J., Matthews, M., Odukoya, E., Brenner, M.J., Mitigating Healthcare Disparities: Challenges of the Present and Path Ahead, Global Tracheostomy Collaborative Webinar, June 24<sup>th</sup>
- 2020 **Pandian, V.**, Apostolo, J., Workshop on Evidence-Based Practice, Sigma Theta Tau International's 5<sup>th</sup> Biennial European Conference, May 28
- 2020 **Pandian, V.**, Sauer, M., Boisen, S., Siller, A. C., Ariyo, P. Nurse-led Rapid Response Program: An implementation science project, ViPER posters, Sigma Theta Tau International's 5<sup>th</sup> Biennial European Conference, May 29
- 2020 Freeman-Sanderson, A., **Pandian, V.**, Davidson, P., Schiavi, A., Rushton, C., Atwood, M., Phillips, J., Ward, E., Brenner, M. J., High-stakes Decision Making in Tracheostomy: How and Why COVID-19 Has Changed Practice, Global Tracheostomy Collaborative Webinar, May 19<sup>th</sup>

- 2020 **Pandian, V.**, Ward, E., Bosworth, B., Messer, S., Messer, J., Bonakdar, L., Graham, R. J., Perlman, L., O'Leary, C., Edwards, L., Brenner, M. J., Navigating Public Health Crises for Individuals and Families Living with Tracheostomy: COVID-19 and beyond., Global Tracheostomy Collaborative Webinar, May 5<sup>th</sup> (Number of attendees = 523)
- 2020 **Pandian, V.**, Tolley, N. S., Openshaw, P. J., Pelosi, P., Rassekh, C., Arora, A., Brenner, M. J., Overcoming COVID-19 Through Science and Teamwork: Lessons from United Kingdom, Italy, and USA., Global Tracheostomy Collaborative Webinar, April 21<sup>st</sup> (Number of attendees = 834)
- 2020 **Pandian, V.**, Walsh, B., Zaga, C., Watters, K., Lambe, L., Cameron, T., DeRose, T. J., Brenner, M. J., Putting Safety First during COVID-19 Pandemic: Practical Strategies for Frontline Healthcare Workers and their patients with tracheostomy, Global Tracheostomy Collaborative Webinar, April 9<sup>th</sup> (Number of attendees = 1765)
- 2020 **Pandian, V.**, Teoh, A. Y. B., Lui, G. C. Y., Wong, E. W., Jackler, R. K., Balakrishnan, K., Radford, S., Brenner, M. J., Toward zero harm in the time of COVID-19: Strategies for reducing infectious transmissions, Global Tracheostomy Collaborative Webinar, March 27<sup>th</sup>, (Number of attendees = 1206)
- 2020 **Pandian, V.**, Randall, D., Lang, C., Cole, T., Molkentine, L. M. Caring for Patients with a Tracheostomy undergoing Mechanical Ventilation in Inpatient Setting, Global Tracheostomy Collaborative Webinar, February 26<sup>th</sup>, (Number of attendees = 225)
- 2019 **Pandian, V.**, Tracheostomy – Patients' Comfort; We Care., Tracheostomy Roadshow in 4 cities in China, (Guangzhou, Chengdu, Shanghai, and Beijing) (Invited, Keynote Speaker)
- 2019 **\*Pandian, V.**, Varghese, J., Truong, O., Saheed, M., Difficult Airway management using surgical approaches in emergency departments, 5<sup>th</sup> International Tracheostomy Symposium, Melbourne, Australia (Poster\*)
- 2019 **\*Pandian V.**, Zhen, G., Stanley, S., Haut, E., Hillel, A., Angioedema: A predictor of intubation or cricothyroidotomy, 5<sup>th</sup> International Tracheostomy Symposium, Melbourne, Australia (Poster\*)
- 2019 **\*Pandian, V.**, Cherney, R., Ninan, A., Barnes, B., Berkey, S., Creutz, E., Judkins, S., Voris, K., Sterling, B. Eastman, D., Hanley, J., Schneider, K. J., Casper, K., Davidson, P., Brenner, M., Trach Trail as a model system for Interdisciplinary Learning: Implementation of a Systems-based approach to Tracheostomy care, 5<sup>th</sup> International Tracheostomy Symposium, Melbourne, Australia (Poster\*)
- 2019 **Pandian, V.** Zaga, C., Patient Voice / Patient Experience, Scientific Session, 5<sup>th</sup> International Tracheostomy Symposium, Melbourne, Australia (Chair and Moderator)



- 2019 \*Leeper, W., **Pandian, V.**, Jones, C., Pugh, K., Yenokyan, G., Bowyer, M., Haut, E., Comparison of Surgical Cricothyroidotomy Training: A Randomized Trial of a Live Pig Model vs. an Advanced Simulation Manikin, 78<sup>th</sup> Annual Meeting of American Association for the Surgery of Trauma, and Clinical Congress of Acute Care Surgery, Dallas, Texas (Podium\*)
- 2019 (Cherney, B., **Pandian, V.**, Brenner, M., The Trach Trail: A Systems-Based Pathway to Improve Quality of Tracheostomy Care and Interdisciplinary Collaboration, American Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting and Oto Experience, New Orleans, Louisiana (Podium\*)
- 2019 **Pandian, V.** Antibiotic Stewardship, 43<sup>rd</sup> Annual Society of Otorhinolaryngology Head and Neck Nurses Congress & Nursing Symposium, New Orleans, LA (Coordinator)
- 2019 **Pandian, V.**, Advanced Practice Nursing Flexible Laryngoscopy Course, 43<sup>rd</sup> Annual Society of Otorhinolaryngology Head and Neck Nurses Congress & Nursing Symposium, New Orleans, LA (Coordinator)
- 2019 **Pandian, V.**, Primary investigator's perspective of conducting industry-initiated vs. investigator-initiated clinical trials, 43<sup>rd</sup> Annual Society of Otorhinolaryngology Head and Neck Nurses Congress & Nursing Symposium, New Orleans, LA (Podium)
- 2019 \***Pandian, V.**, Caring for patients with Difficult Airway associated with Oropharyngeal Angioedema, 43<sup>rd</sup> Annual Society of Otorhinolaryngology Head and Neck Nurses Congress & Nursing Symposium, New Orleans, LA (Podium)
- 2019 \*Brackett, L., Robertson, R., Montanez, I., Lathrop, T., Brown, J., Kimbler, D., **Pandian, V.** Addressing Opioid Crisis: a Community Need, Sigma's 30<sup>th</sup> International Nursing Research Congress, Calgary, Canada (Poster\*)
- 2019 \***Pandian, V.**, Varghese, J., Truong, D., Saheed, M., Multidisciplinary approach to managing difficult airways in emergency departments, 43<sup>rd</sup> Society of Critical Care Medicine Congress, San Diego, CA (Poster & Podium\*)
- 2019 \*Adams, B., Cooper, J., Lerma, R., Lopez, L., McNabb, K., Moro, L., Pelusi, J., Saenz, D., Spahr, M., Yu, C., Abshire, M., **Pandian, V.**, Encuesta de Salud de la Comunidad Pacoxpon, Global Health Experience 2019, Guatemala, January, (Podium\*)
- 2018 **Pandian, V.**, Caring for pregnant women on a Mechanical Ventilator, The 8<sup>th</sup> Hong Kong International Nursing Forum cum 2018 International Council on Women's Health Issues Congress, Hong Kong, China, December, (Podium)
- 2018 \***Pandian, V.**, Role of Nurses in Rapid Response Programs, Lagos University Teaching Hospital Multidisciplinary Grand Rounds, Lagos, Nigeria, August, (Podium)

- 2018 Davidson, P., **Pandian, V.**, Palliative care among Tracheostomy Patients. IMPACCT-JHU Symposium, University of Technology Sydney, July, (Podium)
- 2018 **Pandian, V.**, A systematic review of the literature on Fenestrated Tracheostomy Tubes, 29<sup>th</sup> International Nursing Research Congress, Melbourne, Australia, July, (Podium\*)
- 2018 \***Pandian, V.**, Development of a Rapid Response Program in Nigeria – A nursing experience, 37<sup>th</sup> Annual GOTC Meeting, Special Sessions, Toronto, CA, June, (Podium)
- 2018 **Pandian, V.**, Key Drivers of Improving Tracheostomy Care, Nurses, Physicians, and Respiratory Therapists in Tawam, Abu Dhabi, UAE, June (Keynote Speaker, Invited)
- 2018 **Pandian, V.**, Setting up and maintaining an airway team – Tales from Johns Hopkins, 4<sup>th</sup> Improving Tracheostomy Care Site Leads' Meeting, The Health Foundation, Long Acre, London, June (Keynote Speaker, Invited\*)
- 2018 Mathews, S., Boisen, S., **Pandian, V.**, Advantages and Disadvantages of Fenestrated Tracheostomy Tubes: A Systematic Review, Sigma Global Nursing Excellence, 4<sup>th</sup> Biennial European Conference, Cambridge, UK, June (Podium\*)
- 2018 Sampson, J., Cobey, J., **Pandian, V.**, Anderson, J., Multidisciplinary Approaches to Global Health Program Development: A Case Study, 9<sup>th</sup> Annual Consortium of Universities for Global Health Conference, Health Disparities: A Time for Action; 2018 CUGH Global Surgery Satellite Session, New York, New York (Podium)
- 2018 Cole, T., Holden, K., Kilonsky, D., **Pandian, V.**, Mechanically Ventilated Patients Report Improvement in Communication with Talking Tracheostomy Tubes, 4<sup>th</sup> International Tracheostomy Symposium 2018, Dallas, Texas (Podium\*)
- 2018 Boisen, S., Mathews, S., **Pandian, V.**, Fenestrated Tracheostomy Tubes: A Systematic Review of Literature, 4<sup>th</sup> International Tracheostomy Symposium 2018, Dallas, Texas (Podium\*)
- 2018 Palmer F., **Pandian V.**, Best, S., Insurance Barriers to Tracheostomy Care related Durable Medical Equipment, 4<sup>th</sup> International Tracheostomy Symposium 2018, Dallas, Texas (Podium\*)
- 2018 Cunningham, D., Colandrea, M., Holtschneider, M. E., Stanley, S., Sullivan, N., Maragos, C., **Pandian, V.**, Evaluating the Educational Outcomes of Avkin, a Device to Educate Providers on How to Suction a Tracheostomy Tube Safely, 4<sup>th</sup> International Tracheostomy Symposium 2018, Dallas, Texas (Poster\*)
- 2018 Andrews, M., **Pandian, V.**, Best, S., Barriers to Transitioning Tracheostomy Patients from the Hospital to Skilled Nursing Facilities, 4<sup>th</sup> International Tracheostomy Symposium 2018, Dallas, Texas (Poster\*)

- 2018 Percha, C., Cole, T., **Pandian, V.**, Characteristics of Critically Ill Patients Receiving One-Way Speaking Valves Following Initial Tracheostomy Placement, 4<sup>th</sup> International Tracheostomy Symposium 2018, Dallas, Texas (Poster\*)
- 2017 Brodsky, M. B., Levy, M. J., Jedlanek, E., Blackford, B., **Pandian, V.**, Price, C., Hillel, A. T., Best, S. R., Akst, L. M. Laryngeal and Upper Airway Symptoms and Injury following Endotracheal Intubation: A Systematic Review, American Thoracic Society International Conference, Where today's science meets tomorrow's care, Washington DC, May 19<sup>th</sup>(Poster\*)
- 2016 **Pandian, V.** Post-operative Tracheostomy Care: First Tracheostomy Tube Change, Tube Selection, and Speaking Valves. 3<sup>rd</sup> International Tracheostomy Symposium 2016, Baltimore, MD (Podium, Invited)
- 2016 **Pandian, V.** The Holy Grail: Decannulation in Adult Patients. 3<sup>rd</sup> International Tracheostomy Symposium 2016, Baltimore, MD (Podium\*, Invited).
- 2016 **Pandian, V.**, Cole, T., Holden, K., Kilonsky, D., Feller-Kopman, D., Yarmus, L., Marek, M. Mechanically Ventilated Patients Report Improvement in Communication with Talking Tracheostomy Tubes – Preliminary Findings, Society of Critical Care Medicine's 45<sup>th</sup> Critical Care Congress 2016, Orlando, FL (Podium\*)
- 2014 \***Pandian, V.**, Feller-Kopman, D., Mirski, MA. Quality of Life in Mechanically Ventilated Intensive Care Unit Patients. Society of Critical Care Medicine's 43<sup>rd</sup> Critical Care Congress, 2014, San Francisco, CA (Poster\*)
- 2014 **Pandian, V.**, Nursing Year in Review 2014: Measuring Quality of Life in Mechanically Ventilated Patients in the ICU and Implications for Care. American Thoracic Society (ATS) 2014- San Francisco International Conference, San Francisco, CA (Podium\*, Invited)
- 2013 **Pandian, V.**, Best Practices in Tracheostomy Management. Tawam Hospital, United Arab Emirates, 2013 (Podium, Invited)
- 2007 \*Xu, Y., **Pandian, V.**, Fernandez-Bustamante, A., Hoffman, E. A., Simon, B. A. 3-D computerized CT image analysis predicts regional Acute Lung Injury (ALI) in sheep LPS – injury model. American Thoracic Society (ATS) 2007- San Francisco International Conference, San Francisco, CA (Poster\*)

## **National**

- 2022 **Pandian, V.**, Forging forward while fighting imposter syndrome, From surviving to thriving: Growth, wellbeing, innovation, National Association of India Nurses of America (NAINA)'s 8<sup>th</sup> Biennial Conference, October 7<sup>th</sup>, (Keynote speech)
- 2022 **Pandian, V.**, Raynor, R., Brenner, M. J., Hopkins, B., What comes next – Multidisciplinary tracheostomy care in the wake of pandemic, 126<sup>th</sup> American Academy of

- Otolaryngology-Head and Neck Surgery Foundation 2022 Annual Meeting & OTO Experience, September 14<sup>th</sup>, (Panel discussion)
- 2022 **Pandian, V.**, Creating a Tracheostomy and Gastrostomy Service: One Stop-Shop or Value-Based Care, American Association for Bronchology and Interventional Pulmonology's 5<sup>th</sup> Annual Interventional Pulmonology and Advanced Diagnostics Conference, Nashville, TN , August 12<sup>th</sup>, (Panel discussion)
- 2021 **Pandian, V.**, Raynor, T., Brenner, M., Hopkins, B., Multidisciplinary tracheostomy teams: Transforming care and preventing harm amidst pandemic, 125<sup>th</sup> American Academy of Otolaryngology-Head and Neck Surgery Foundation 2021 Annual Meeting & OTO Experience, October 4<sup>th</sup>, (Panel discussion)
- 2020 **Pandian, V.**, COVID-19 Highlights the Vulnerability of ORL nurses: Strategies to Protect ORL Nurses Caring for Tracheostomy Patients, 34<sup>th</sup> Annual Pediatric and Adult ORL Nurses Spring Meeting, Online, April 24<sup>th</sup>, (Invited, Podium)
- 2019 **Pandian, V.**, Airway Devices Management (Stents/T-tubes/Tracheostomy), Sixth Annual Percutaneous Tracheostomy and Advanced Airway Cadaver Course, Baltimore, MD, November 9, (Invited, Podium)
- 2018 **Pandian, V.**, Fireside Panel: Focusing on the Opioid Epidemic's Impact on Children, 2<sup>nd</sup> National Opioid Crisis Community Summit, Aberdeen, MD, December 11, (Invited, Podium)
- 2018 **Pandian, V.**, Communities That Care, 2<sup>nd</sup> National Opioid Crisis Community Summit, Aberdeen, MD, December 11, (Invited, Podium)
- 2018 **Pandian V.**, Tides in the Clinical Ocean of Opioids, 21<sup>st</sup> U.S. Army Medical Defense Bioscience Review, Advances In Medical Chemical Defense, Aberdeen, MD, May 1 (Invited, Podium)
- 2018 Colandrea, M., Cunningham, K., Holtschneider, M., Stanley, S., Sullivan, N., Maragos, C., **Pandian, V.**, The Adult Tracheostomy: Simulation Education – A Randomized Controlled Trial followed by Translational Study, National Harbor, MD, April 20 (Podium\*)
- 2018 **Pandian, V.**, Mathew, S., Boisen, S., Fenestrated tracheostomy tubes: A Systematic Review of Literature, National Harbor, MD, April 20 (Podium\*)
- 2017 Cole T, Holden K, Kilonsky D, **Pandian V.**, Mechanically Ventilated Patients Report Improvement in Voice-Related Quality of Life with a Talking Tracheostomy Tube, American Speech and Hearing Association, Los Angeles, CA, November 9 (Podium\*)
- 2017 **Pandian V.**, Improving Outcomes of Patients with a Tracheostomy. Sixth Annual Johns Hopkins Critical Care Rehabilitation Conference, Baltimore, MD November 3 (Podium\*, Invited)

- 2017 Shafiq M, Feller-Kopman D, **Pandian V**, Arias S, Airway Devices (Stents/T-Tubes/Trach) Management, Case Discussion Panel, Fourth Annual Cadaver Percutaneous Tracheostomy and Advanced Airway Course, Baltimore, MD October 9 (Podium, Invited)
- 2017 **Pandian V**, Lerner A, Cadaver Hands-on Percutaneous Tracheostomy Training, Fourth Annual Cadaver Percutaneous Tracheostomy and Advanced Airway Course, Baltimore, MD October 9 (Workshop)
- 2017 **Pandian V**, Swallowing after Airway Surgery and Nursing Implications. 41<sup>st</sup> Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2016, Chicago, IL (Podium)
- 2016 Natsumi A, Cole T, **Pandian, V**, Research Forum: Early Speech With One-Way Speaking Valve, American Speech and Hearing Association, San Diego, CA (Poster\*)
- 2016 **Pandian V**, Prospective Evaluation of a Tracheostomy Tube That Enables Communication in Ventilator Dependent Patients: Pilot Study Final Results. 40<sup>th</sup> Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2016, San Diego, CA (Podium\*)
- 2016 **Pandian V**, Richard R, Difficult Airway Documentation: Optimizing the Safety of Patients. PEARLS: Patient Safety in Anesthesia. Expert Group Meetings (XGM) 2016, Verona, WI
- 2015 **Pandian V**, Kilonsky D, Holden K, Cole T, Prospective Evaluation of a Tracheostomy Tube That Enables Communication in Ventilator Dependent Patients: Pilot Study's Preliminary Findings, American Speech and Hearing Association, Denver, CO (Podium\*)
- 2015 **Pandian V**, Selection of Tracheostomy Tubes. 39<sup>th</sup> Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2015, Dallas, TX (Podium\*)
- 2015 **Pandian V**, Wyckoff M, Douglas H, Hernandez S, Wells V, Percutaneous Tracheostomy: Theory and Practice, American Association of Nurse Practitioners National Conference 2015, New Orleans, LA (Podium, Invited)
- 2015 Cover R, **Pandian V**, Herzer K, Mark L. Difficult Airway Response Team: A New Approach for Managing Airway Emergencies. MCIC Vermont Collaboration and Innovation in Patient Safety Symposium, Washington, DC 2015 (Poster\*)
- 2014 **Pandian V**, Herzer K, Bhatti N, Mirski M, Cover R, Mark L, Difficult Airway Response Team. 38<sup>th</sup> Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2014, Orlando, FL (Poster\*)

- 2014 Miller C, Schiavi A, Haut E, Feller-Kopman D, Mirski M, Mark L, Bhatti N, **Pandian V**. Tracheostomy Capping and Decannulation Protocol to Improve Airway Safety. Society for Airway Management 18th Annual Meeting, Seattle, WA 2014 (Poster\*)
- 2014 **Pandian V**, Hutchinson C, Angamuthu P, Parsons N, Schiavi A, Miller C, Feller-Kopman D, Haut E, Mirski M, Bhatti N, Yarmus L. CT Scan Measurements – Predictors of Specialized Tracheostomy Tubes. 38<sup>th</sup> Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2014, Orlando, FL; and 18<sup>th</sup> Annual Society for Airway Management Scientific Meeting, Seattle, WA (Poster\*)
- 2014 **Pandian V**, Tracheostomy Capping and Decannulation Protocol. 38<sup>th</sup> Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2014, Orlando, FL (Podium\*); and 18<sup>th</sup> Annual Society for Airway Management Scientific Meeting, Seattle, WA (Poster\*)
- 2014 Xie Y, Lim C, Herzer K, Miller CR, Berkow L, Hillel A, **Pandian V**, Cover R., Mark, L., Difficult Airway Response Team (DART): A Five-Year Overview of an Intervention to Manage In-Hospital Airway Emergencies. Mid-Atlantic Anesthesia Research Conference 2014, Baltimore, MD (Poster)
- 2014 Cover R, Mark L, Herzer K, **Pandian V**. Difficult Airway Response Team (DART): A new approach to managing difficult airway emergencies. Sharing in the Caring American Society for Healthcare Risk Management Annual Conference & Exhibition 2014, Anaheim, CA (Poster)
- 2013 Xie Y, Lim C, Herzer K, Miller CR, Berkow L, Hillel A, **Pandian V**, Cover R., Mark, L., Difficult Airway Response Team (DART): A Five-Year Overview of an Intervention to Manage In-Hospital Airway Emergencies. 17<sup>th</sup> Annual Society for Airway Management Scientific Meeting, 2013, Philadelphia, PA (Poster)
- 2013 Lim C, Xie Y, Herzer K, **Pandian V**, Mark L., Society of Anesthesia Management and Medic Alert Registry: Next Steps for the National Registry of Difficult Airway or Intubation. 17<sup>th</sup> Annual Society for Airway Management Scientific Meeting, 2013, Philadelphia, PA (Poster)
- 2013 Xie Y, Lim C, Herzer K, Miller CR, Berkow L, Hillel A, **Pandian V**, Cover R., Mark, L., Difficult Airway Response Team (DART): A Five-Year Overview of an Intervention to Manage In-Hospital Airway Emergencies. Foundation for Anesthesia Education and Research Medical student Anesthesia Research Fellowship Symposium 2013, Anesthesiology 2013 Annual Meeting. San Francisco, CA (Poster)
- 2013 Kling, TK., Smith, C., **Pandian, V.**, An Alternate Mode of Communication for Mechanically Ventilated Patients. The Magic of Teamwork: Science and Service Delivery-2013 American Speech-Language-Hearing Association Convention, Chicago, IL (Poster\*)

- 2013 **Pandian, V.**, Outpatient Follow-Up of Tracheostomy Patients. 37<sup>th</sup> Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2013, Vancouver, BC (Poster\*)
- 2013 DeSell, M., **Pandian, V.**, A Cross-Sectional Survey of Advanced Practice Providers in Otolaryngology-Head and Neck Surgery. 37<sup>th</sup> Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2013, Vancouver, BC (Poster\*)
- 2012 **Pandian, V.**, Quality of Life in Mechanically Ventilated Patients in the ICU – Preliminary Results. 36<sup>th</sup> Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2012, Washington, DC (Podium\*)
- 2011 Maragos, C., **Pandian, V.**, DeSaram, A., Elliott, C., Managing a mentally challenged patient with laryngectomy: A Case Study. 35<sup>th</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2011, San Francisco, CA (Poster)
- 2011 **Pandian, V.** Maragos C. Fitzsimmons B., Conti D., Carey J., Haut E., Cover R., Elliott C., Bhatti Nl. Tracheostomy Tube Capping and Decannulation Guidelines: A Quality Improvement Project. 35<sup>th</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2011, San Francisco, CA (Poster\*)
- 2011 **Pandian, V.** Impact of Multidisciplinary Percutaneous Tracheostomy Program on Patient Outcomes. 35<sup>th</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2011, San Francisco, CA (Podium\*)
- 2011 Yarmus, L. B., **Pandian, V.**, Gilbert, C., Gangidi, S., Mirski, M., Bhatti, N.I., Feller-Kopman, D., Safety and Efficiency of Interventional Pulmonologists Performing Percutaneous Tracheostomy American Thoracic Society 2011, (Poster, Podium\*)
- 2011 **Pandian, V.** Quality of Life in Mechanically Ventilated Patients – Preliminary Results. 3<sup>rd</sup> Annual National Predoctoral Clinical Research Training Program Meeting 2011, St. Louis, MO (Podium\*)
- 2011 Malik, M. U., Diaz, D.V., Francis, H.W., **Pandian, V.**, Chien, W.W., Agrawal, Y., Niparko, J.K., Bhatti, N.I., Using a Virtual Reality Temporal bone Simulator to Enhance Surgical Competency in Procedural Tasks: A Pilot Study. The Triological Society, Combined Otolaryngology Spring Meeting 2011, Chicago, IL (Poster\*)
- 2011 Malik M. U., Diaz D.V., **Pandian V.**, Bhatti Objective Structured Assessment of Technical Skills (OSATS) for the Assessment of Surgical Competency: A Systematic Review. The Triological Society, Combined Otolaryngology Spring Meeting 2011, Chicago, IL (Poster\*)
- 2011 Diaz, D. V., Malik, M. U., **Pandian, V.**, Cummings, C.W., Bhatti, N.I., Comparing performance between male and female residents in Otolaryngology. The Laryngoscope, 2011, (Poster\*)

- 2010 **Pandian, V.**, Klimmek, R., Rose, K., Boulware, E. L., Taylor, L. A., Belcher, A., Dane, K. E., Sherrie, K., Grant, M. St.Ours, C., Swarup, A., Nolan, M. T., Living Kidney Donor's Perception of Donation Experience. The Council of the Advancement of Nursing Science, 2010 State of the Science Congress on Nursing Research, Washington, DC and The National Institute of Nursing Research, National Institute of Health, 2010 Scientific Symposium: "Bringing Science to Life," Bethesda, MD (Poster\*)
- 2010 **Pandian, V.**, Page, G., Bhatti, N. I., Feller-Kopman, D., & Mirski, M. Quality of Life in Mechanically Ventilated Patients - Pilot Study. Boston, MA: 34<sup>th</sup> Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses (Poster\*)
- 2010 Maragos, C., Bhatti, N., Laeeq, K., **Pandian, V.**, Tracheostomy and Laryngectomy Stoma Care. Society of Otorhinolaryngology and Head-Neck Nurses, 34<sup>th</sup> Annual Congress and Nursing Symposium September 2010, Boston, MA (Video)
- 2010 **Pandian, V.**, Laeeq, K., Skinner, M., Masood, H., Stewart, C., Weatherly, R., Cummings, C., Bhatti, N. I., Learning Curve for Competency in Flexible Laryngoscopy, The Triological Society, Combined Otolaryngology Spring Meeting 2010, Las Vegas, NV (Podium\*)
- 2009 Joyner, K., Maragos, C., Turner, L., **Pandian, V.**, Model for Best Practice: Nurse Practitioner Facilitated Tracheostomy Service, Society of Otorhinolaryngology and Head-Neck Nurses, 33<sup>rd</sup> Annual Congress and Nursing Symposium October 2009, San Diego, CA (Poster\*)
- 2009 Bhatti, N. I., Laeeq, K., **Pandian, V.**, Reaven, N., Funk, S., Mirski, M. A., Feller-Kopman, D., Cost Implications of Intubation-Related Tracheal Damage, American Academy of Otolaryngology-Head and Neck Surgery Foundation October 2009, San Diego, CA, 141 (3), Supp 1., P 105 (Podium\*)
- 2009 Gilstrap, D., **Pandian, V.**, Mirski, M., Haut, E., Efron, D., Haider, A., Stevens, K., Bhatti, N., Feller-Kopman, D. Predictors of Short-Term Mortality Following Percutaneous Dilatational Tracheostomy, Chest 2009, San Diego, CA (Poster\*)
- 2008 Bhatti, N. I., **Pandian, V.** Bronchoscopic visualization during Percutaneous Dilatational Tracheostomy. 16<sup>th</sup> Annual Assembly of the American Association for Bronchology and Interventional Pulmonology, Chest 2008, Philadelphia, PA (Hands-on workstation)
- 2008 Shaha, M, Stotsky, E., **Pandian, V.**, Choti, M., Libonati, C., Khan, Y., Coleman, J., Schulick, R., Pawlik, T., Herman, J., Belcher, A. E., Transitoriness in Cancer Patients: Presentation of a concept and a cross-sectional survey. The Sidney Kimmel Center for Oncology Nursing Excellence (SKCONE) 5<sup>th</sup> Annual Oncology Nursing Research Symposium 2008, Baltimore, MD (Podium\*)
- 2008 Shaha, M., Belcher, A. E., Choti, M., Herman, J., Khan, Y., Libonati, C., **Pandian, V.**, Pawlik, T., Schulick, R., Stotsky, E. Transitoriness in Cancer. 44<sup>th</sup> American Society of Clinical Oncology (ASCO) 2008, Chicago, IL (Poster\*)



2007 Bhatti, N., **Pandian, V.**, Starmer, H., Living with a Tracheostomy. Tenth Educational Symposium in Respiratory Care 2007, Baltimore, MD (Podium, Invited)

## Regional

2022 Guillaote, C., **Pandian, V.**, Koirala, B., Decker, C., A clinical bundle to reduce peri-intubation hypoxia in the pre-hospital setting, 13<sup>th</sup> Annual Texas Emergency Medical Services (EMS) Conference Research Forum, Austin, Texas, November 21<sup>st</sup>, (Poster Presentation)

2022 **Pandian, V.**, Technology to Advance Nursing Education, Pathways to Knowledge Nursing Education Conference, Virginia Commonwealth University School of Nursing, (Oral Presentation)

2022 Moser, C., Peeler, A., Long, R., Schoneboom, B., Budhathoki, C., Pelosi, P., Brenner, M., **Pandian, V.** Tracheostomy-Related Pressure Injury Prevention: A systematic Review and Meta-Analysis, 27<sup>th</sup> Annual Spring into Practice: New Trends in ORL Nursing, Society of Otorhinolaryngology Head-Neck Nurses, Maryland/Washington DC Chapter Conference, (Oral Presentation)

2022 Freedman, L., Varughese, A., **Pandian, V.**, Preliminary Findings on the Implementation of a Standardized Pain Management Protocol Reducing the Rate of Postoperative Complications in Children undergoing Tonsillectomy, 27<sup>th</sup> Annual Spring into Practice: New Trends in ORL Nursing, Society of Otorhinolaryngology Head-Neck Nurses, Maryland/Washington DC Chapter Conference, (Oral Presentation)

2022 Eisenhauer, L., **Pandian, V.**, HPV Immunization to decrease oral cancers among Young Adults (HIYA!) in Family Practice: A quality improvement project, 27<sup>th</sup> Annual Spring into Practice: New Trends in ORL Nursing, Society of Otorhinolaryngology Head-Neck Nurses, Maryland/Washington DC Chapter Conference, (Oral Presentation)

2021 Ninan, A., Grubb, L., **Pandian, V.**, Brenner, M., Effectiveness of a Hand-off Communication Form on improving interdisciplinary collaboration and standardizing discharge education: A Quality Improvement Project, 26<sup>th</sup> Annual Spring into Practice: New Trends in ORL Nursing, Society of Otorhinolaryngology Head-Neck Nurses, Maryland/Washington DC Chapter Conference, (Oral Presentation)

2021 Jung, T., U., D., Grubb, L., **Pandian, V.**, Implementation of Evidence-Based Accidental Tracheostomy Tube Dislodgement Bundle in Critical Care Settings, 26<sup>th</sup> Annual Spring into Practice: New Trends in ORL Nursing, Society of Otorhinolaryngology Head-Neck Nurses, Maryland/Washington DC Chapter Conference, (Oral Presentation)

2020 Davidson, P., **Pandian, V.**, Nursing Professionalism: The Year of the Nurse, 25<sup>th</sup> Annual Spring into Practice: New Trends in ORL Nursing, Society of Otorhinolaryngology Head-Neck Nurses, Maryland/Washington DC Chapter Conference (Podium, Invited)

- 2020 Martin, K., Cole, T., Percha, C., Asanuma, N., **Pandian, V.**, Can one-way speaking valve be used within 24 hours of a fresh tracheostomy? A randomized controlled-Pilot Study, 25<sup>th</sup> Annual Spring into Practice: New Trends in ORL Nursing, Society of Otorhinolaryngology Head-Neck Nurses, Maryland/Washington DC Chapter Conference (Podium)
- 2020 Cole, T., Kilonsky, D., Holden, K., Feller-Kopman, D. J., Brower, R., Mirski, M., **Pandian, V.**, Voice-Related Quality of Life increases with a talking tracheostomy tube: A randomized control trial, 25<sup>th</sup> Annual Spring into Practice: New Trends in ORL Nursing, Society of Otorhinolaryngology Head-Neck Nurses, Maryland/Washington DC Chapter Conference (Podium, Invited)
- 2018 Mathew, S., Boisen, S., **Pandian, V.**, A systematic review of the fenestrated tracheostomy tubes, 23<sup>rd</sup> Annual Spring into Practice: New Trends in ORL Nursing, Towson, MD, March 23<sup>rd</sup> (Podium\*)
- 2012 **Pandian, V.** Joanne Tourigney Lectureship, Latest Trends in Tracheostomy Care. The 68<sup>th</sup> Annual Meeting of the Massachusetts Pulmonary Section, Newton, MA (Podium, Invited\*)
- 2008 **Pandian, V.**, Bhatti, N. I. Impact of Percutaneous Tracheostomy Program on complication rate and length of stay. Society of Otorhinolaryngology and Head-Neck Nurses, Maryland/Washington DC Chapter, October 2008, Baltimore, MD (Podium, Invited\*)
- 2004 Sevransky, J., **Pandian, V.**, Perper, B., Yeo, T. P. Fluid and Vasopressor Protocol, and Orderset. Mid-Atlantic Regional Conference for Nurse Practitioners (MARC-NP) 2004, College Park, MD (Podium\*)

## Local

- 2022 **Pandian, V.**, Imposter syndrome and immigrant nursing professional, Indian Nurses Association of Maryland, November 16, Baltimore (Invited)
- 2020 **Pandian, V.**, From the Alpha to the Omega: Implementation of an Evidence-Based Practice – based Rapid Response Program, Annual *iQuERY* Nursing Symposium, innovation, Quality Improvement, Evidence-Based Practice, Research, and You, Johns Hopkins Bayview Medical Center, Baltimore (Invited, Podium)
- 2020 **Pandian, V.**, Protection of Clinicians Caring for Tracheostomy Patients: A New Priority in Critical Care., Society of Critical Care Medicine Baltimore Chapter Virtual Fall Symposium, (Invited, Podium).
- 2019 **Pandian, V.**, Up in Smoke, The Vaping Epidemic, September 28<sup>th</sup>, Southern Asian Community (Invited, Podium)

- 2019 Pandian, V., Unique Doctoral Programs and Circumstances, Panel Discussion, Doctoral Education in Maryland for Nurse Faculty, Maryland Higher Education Commission (Invited, Podium)
- 2018 **Pandian, V.**, Opioid Epidemic, September 22<sup>nd</sup>, Southern Asian Community (Invited, Podium)
- 2018 **Pandian, V.**, Community That Cares, A solution to the Opioid Crises in Harford County, Aberdeen City Hall Meeting, September 10<sup>th</sup>, (Invited, Podium, and Live Streamed on the City Web and Radio)
- 2018 **Pandian, V.**, Opioid Crises in Harford County, Ministerial Unity Breakfast of Harford County Councilmen, February 10, (Invited, Podium)
- 2017 Martinez-Amezcu, P., **Pandian, V.**, Jones, D., Service and Resource Utilization for the Safe Care of the Morbid and Super Obese Patients. Eighth Annual Patient Safety Summit, 2017, Baltimore, MD October 13 (Poster)
- 2017 Carl, A., Hassler, D., **Pandian, V.** Defining Ventilator-Associated Events: A Systematic Literature Review. Research Honors Poster Presentation Session, 2017, Baltimore, MD (Poster)
- 2016 Whitaker, Y., Yao, S., **Pandian, V.**, Difficult Airway in Pediatric Population. 2016 Hopkins Career Academic and Research Experiences for Students (C.A.R.E.S) Summer Symposium, Baltimore, MD (Poster\*)
- 2016 **Pandian, V.**, Quality of Life in Mechanically Ventilated Patients – A Research Pathway. Anesthesia Critical Care Medicine Discovery Rounds, Baltimore, MD (Podium\*, Invited)
- 2016 **Pandian, V.**, Tracheostomy Management: Basics and Beyond. Biannual Tracheostomy Workshop (2007–2016) at the Johns Hopkins Hospital, Baltimore, MD (Podium, Invited)
- 2016 **Pandian, V.** Management of patients with Tracheostomy. Medicine Residents Noon Conference, annual presentations 2008 – 2016, Johns Hopkins Hospital, Baltimore, MD (Podium, Invited)
- 2016 **Pandian, V.** Types of Tracheostomy Tubes and their Uses. Monthly Medical Intensive Care Unit Conferences for the Residents, Johns Hopkins Hospital, Baltimore, MD (Podium, Invited)
- 2014 **Pandian, V.**, Difficult Airway Response Team: A Novel Quality Improvement Program for Managing Hospital-wide Airway Emergencies. Fifth Annual Patient Safety Summit, Armstrong Institute for Patient Safety and Quality, Baltimore, MD (Podium\*)

2013 Oldsman, M., **Pandian, V.**, Emergency and Transport Tracheostomy Supplies: A Quality Improvement Project. Research Honors Poster Presentation Session, 2013, Baltimore, MD (Poster\*)

2009 **Pandian, V.**, Bennett-Gabralla, E., Management of Tracheostomy, Respiratory Care Health Day Fair, 2009, Baltimore, MD, (Podium, Invited)

## **OTHER**

### **Practice Guidelines**

2020 American Academy of Otolaryngology-Head and Neck Surgeons approved my application to develop *Adult Tracheostomy Guidelines* in response to changes in practice and new evidence to guide practice in the COVID-19 era. Work is in progress.

### **Standards of Care**

2015- 2016 The Johns Hopkins Hospital Interdisciplinary Clinical Practice Manual, Pediatric Difficult Airway Response Team (DART) Policy, Policy Number PATo83, Author

2013- 2016 The Johns Hopkins Hospital Interdisciplinary Clinical Practice Manual, Adult Difficult Airway Response Team (DART Policy, Policy Number PATo53, Author

2008- 2016 The Johns Hopkins Hospital Interdisciplinary Clinical Practice Manual, Management of a patient with a tracheostomy tube, Policy Number PATo35, Author

### **Patient Care Materials/Support Group**

2012-Present Tracheostomy Warrior Support Group via Facebook social media with >4,400 members

2007-2016 The Johns Hopkins Tracheostomy Website: A resource for patients, families, caregivers, nurses, respiratory therapists, physicians, and surgeons; Assisted with the launch of Johns Hopkins Tracheostomy Website with departments of ACCM, Medicine, Nursing, Otolaryngology\_ Head and Neck Surgery and Surgery; Respond to queries and add content on a regular basis (<http://www.hopkinsmedicine.org/tracheostomy/>)

2007-2016 Tracheostomy support group via email to anyone who is interested in the management of patients with a tracheostomy; Assisted with launch of Web-based Johns Hopkins Tracheostomy Support Service for patients, caregivers, family, nurses and physicians; In collaboration with the tracheostomy team, respond to questions of patients/family members/healthcare professionals regarding tracheostomy; Coordinate appointments for patients worldwide who need evaluation by the tracheostomy ([tracheostomysupport@jhmi.edu](mailto:tracheostomysupport@jhmi.edu))

### **Videos**

- 2008 Maragos, C., Bhatti, N. I., Laeeq, K., & **Pandian, V.** (2008). Tracheostomy and Laryngectomy Stoma Care. Otolaryngology, Head and Neck Surgery Department at the Johns Hopkins Hospital. Ref Type: Video Recording
- 2007 **Pandian, V.**, & Bhatti, N. I. (2007). Changing a Tracheostomy Tube. Otolaryngology, Head and Neck Surgery Department at the Johns Hopkins Hospital. Ref Type: Video Recording

### Slide Set

- 2003 **Pandian, V.**, Perper, B., Sevransky, J., PowerPoint Video Slide Set on a new "Fluid and Vasopressor Protocol, and Orderset" for use in a Medical Intensive Care Unit, Johns Hopkins Bayview Medical Center

## EDITORIAL ACTIVITIES

### Editorial board memberships

- 2021 – present Journal of Clinical Nursing, Editor  
 2011 – present Journal of Otorhinolaryngology-Head and Neck Nursing, Member  
 2021 – present Indian Journal of Continuing Nursing Education, Advisor

### Invited Manuscript Reviewer

- 2020 – present American Journal of Critical Care  
 2018 – present Journal of Otolaryngology-Head and Neck Surgery  
 2020 Palliative Care Nursing  
 2017 Systematic Reviews  
 2015 Journal of Critical Care  
 2014 Journal of Medical Economics  
 2014 Journal of Plastic Surgery and Hand Surgery  
 2013 Journal of Patient Safety  
 2013 Western Journal of Nursing Research  
 2013 Oral Oncology  
 2010 International Journal of Medicine and Medical Sciences

## PROFESSIONAL ACTIVITIES

### Society/Association Membership and Leadership

#### Society of Otorhinolaryngology and Head-Neck Nurses

- 2022-present International Organization, President  
 2021-2021 International Organization, President-Elect  
 2018-2020 International Organization, Vice President  
 2015-2017 International Organization, Board of Directors  
 2013-2014 International Organization, Nominating Committee, Chair

2012-2013	International Organization, Nominating Committee, Chair
2010-2011	International Organization, Tracheostomy Guidelines Development Group, Member
2010-present	International Organization, Clinical Practice & Research Committee, Member
2021-2022	MD/DC Chapter, Immediate Past President
2015-2021	MD/DC Chapter, President
2010-2014	MD/DC Chapter, Vice President
2008-present	MD/DC Chapter & National Chapter, Member

Ear, Nose, and Throat Foundation

2022-present	International Organization, President
2021-2021	International Organization, President-Elect
2018-2020	International Organization, Vice President

Sigma Theta Tau International

2022-present	Nu Beta Chapter, Vice President
2021-2021	Nu Beta Chapter, Immediate Past President
2019 -2020	Nu Beta Chapter, President
2016 -2018	Nu Beta Chapter, President-Elect
2002 -present	International Organization, Member

Global Tracheostomy Collaborative

2020-present	Treasurer
2019-2021	Education Committee, Chair
2016-present	Member

Vellore Christian Medical College Foundation

2021-present	Research Committee, member
2020-present	Alumni Relations Committee, member
2017-present	Board of Directors
2017-2021	Nominating Committee

Society of Simulation in Healthcare

2021-present	Member
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National Organization of Nurse Practitioner Faculties

2016-present	Member
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The Johns Hopkins Center for Music and Medicine

2019-Present	Member
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Johns Hopkins Nursing: Center for Nursing Inquiry

2019-2022	Member
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American Association of Critical Care Nurses

2000-Present	Member
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Sigma Nu Tau Entrepreneurship Honor Society

2018-present	Member
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Beta Gamma Sigma Business Honor Society  
2018-present Member

Sigma Iota Epsilon Management Honor Society  
2018-present Member

Indian American Nurses Association of Maryland  
2017-present Member

American Academy of Nurses  
2017-present Member

Maryland Nurses Association  
2016-present Member

The National Society of Leadership and Success  
2015-present Member

American Nurses Association  
2014-present Member Southern

American Association of Nurse Practitioners  
2013-present Member

American Thoracic Society  
2013-present Member

Society of Critical Care Medicine  
2012-present Member

The Nurse Practitioner Association of Maryland  
2003-present Member

Asian Church Health Ministry  
2014-2017 Board of Directors

International Nurses Association  
2013-2014 Member

Doctoral Student Organization  
2006-2007 Vice President

Oncology Nursing Society  
1999-2000 Member

Academy of Medical-Surgical Nurses  
1999-2000 Member

Trained Nurses Association of India  
1996-1998 Member

Indian Red Cross Society  
1992-1998 Member

### Consultations

2017 – 2019 Medtronic Tracheostomy Industry, Educational Consultant

2009 – 2016 Johns Hopkins Bayview Medical Center, Howard County General Hospital, Suburban Hospital, & Sibley Memorial Hospital, Collaborative Tracheostomy Care Management Education Task Force – Documentation Subgroup, Team Leader

### Community Service

2012 – Present Tracheostomy Warrior Support Group Administrator; Support Group for patients with a tracheostomy and their family members through Facebook, >4,500 members

2010 – Present Annual Serving Food to the Patients and Family Members at the Johns Hopkins Hackerman Patz House, Baltimore City

2018 – 2019 Task Force Member, Opioid Crises Intervention, East Baltimore, Maryland

2017 – 2019 Community Advisory Board Member and Project Catalyst, Opioid Crises Intervention, Harford County, Maryland

2012 – 2017 Director of Health Ministries, Southern Asian Church

2011-2017 Instructor of Adventurer Club – Children Ages 4 – 10, Montgomery County, Maryland

### Global Outreach/Philanthropy

- Successfully launched **Ms. Aleyamma Kuruvilla Nursing Scholarship Fund** in 2020 through Vellore Christian Medical College Foundation in collaboration with Drs. Margaret Kumar and Jane von Gaudecker to provide ten full scholarships annually to underprivileged students pursuing a career in nursing each year in College of Nursing, Christian Medical College, Vellore, India; (*Funded 74 nursing students to date*).



**CURRICULUM VITAE  
Part II**

**EDUCATIONAL ACTIVITIES**

**Classroom / Clinical Instruction**

**Johns Hopkins University School of Nursing**

- Summer 2023 NR.110.899 Dissertation, 1 PhD student
  
- Spring 2023 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 15% Effort, 53 Doctor of Nursing Practice-Advanced Practice students
  
- Spring 2023 NR.110.899 Dissertation, 1 PhD student
  
- Fall 2022 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 30% Effort, 93 Doctor of Nursing Practice-Advanced Practice students
  
- Fall 2022 NR.110.899 Dissertation, 1 PhD student
  
- Spring 2022 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 30% Effort, 38 Doctor of Nursing Practice-Advanced Practice students
  
- Spring 2022 NR.110.899 Dissertation, 1 PhD student
  
- Spring 2022 Interprofessional Education Core Event: Teams and Teamwork, Faculty Mentor, 2 groups, Masters Entry into Nursing, Medical, Public Health & Pharmacy Students, 16 students
  
- Fall 2021 Interprofessional Education Core Event: Teams and Teamwork, Faculty Mentor, 1 group, Masters Entry into Nursing, Medical, Public Health & Pharmacy Students, 14 students
  
- Fall 2021 NR.110.899 Dissertation, 1 PhD student
  
- Fall 2021 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 30% Effort, 97 Doctor of Nursing Practice-Advanced Practice students
  
- Summer 2021 NR.110.899 Dissertation, 1 PhD student

Summer 2021 NR.120.886 Problem Discovery, Course Coordinator, 25% effort, 59 Doctor of Nursing Practice Executive students

Spring 2021 NR.210.894 DNP Practicum, Course Coordinator and Project Advisor, 15% effort, 38 Doctor of Nursing Practice Executive students

Spring 2021 NR.120.887 Problem Advancement, Course Coordinator, 25% effort, 46 Doctor of Nursing Practice Executive students

Spring 2021 NR.210.899 Project Evaluation, Course Coordinator, 25% effort, 38 Doctor of Nursing Practice Executive students

Spring 2021 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 32 Doctor of Nursing Practice-Advanced Practice students

Spring 2021 NR.110.899 Dissertation, 1 PhD student

Fall 2020 NR.110.899 Dissertation, 1 PhD student

Fall 2020 NR.120.538 Nursing Research Seminar, Course Coordinator, 10% effort, 22 Masters Entry into Nursing students

Fall 2020 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 67 Doctor of Nursing Practice-Advanced Practice students

Fall 2020 NR.210.898 Project Implementation, Course Coordinator, 15% effort, 38 Doctor of Nursing Practice Executive students

Fall 2020 NR.210.894 DNP Practicum, Course Coordinator and Project Advisor, 15% effort, 38 Doctor of Nursing Practice Executive students

Summer 2020 NR.120.538 Nursing Research Seminar, Course Coordinator, 10% effort, 36 Masters Entry into Nursing students

Summer 2020 NR.120.886 Problem Discovery, Course Coordinator, 25% effort, 48 DNP Doctor of Nursing Practice Executive students

Spring 2020 NR.120.538 Nursing Research Seminar, Course Coordinator, 10% effort, 45 Masters Entry into Nursing students

Spring 2020 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 40 Doctor of Nursing Practice-Advanced Practice students

Spring 2020 NR.210.897 Project Development, Course Coordinator, 15% effort, 37 Doctor of Nursing Practice Executive students

Spring 2020 NR.210.894 DNP Practicum, Course Coordinator and Project Advisor, 15% effort, 37 Doctor of Nursing Practice Executive students

Fall 2019 Interprofessional Education Core Event: Teams and Teamwork, Faculty Mentor, 2 groups, Masters Entry into Nursing, Medical, Public Health & Pharmacy Students, 16 students

Fall 2019 NR.120.538 Nursing Research Seminar, Course Coordinator, 10% effort, 25 Masters Entry into Nursing students

Fall 2019 NR.210.803 Nursing Inquiry for Evidence-Based Practice, Faculty, 5% effort, 8 Doctor of Nursing Practice Executive students

Fall 2019 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 36 Doctor of Nursing Practice-Advanced Practice students

Summer 2019 NR.120.538 Nursing Research Seminar, Course Coordinator, 10% effort, 28 Masters Entry into Nursing students

Summer 2019 NR.210.896 Problem Identification, Course Coordinator, 15% effort, 41 Doctor of Nursing Practice Executive students

Summer 2019 NR.210.894 DNP Practicum, Course Coordinator, 15% effort, 41 Doctor of Nursing Practice Executive students

Spring 2019 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 30 Doctor of Nursing Practice-Advanced Practice students

Spring 2019 NR.120.538 Nursing Research Seminar, Course Coordinator, 10% effort, 26 Masters Entry into Nursing students

Fall 2018 NR.110.516, Integrated Clinical Management: Complex Health Alterations, Course Coordinator, 25% Effort, 99 Masters Entry into Nursing students

Fall 2018 NR.120.538 Nursing Research Seminar, Course Coordinator, 10% effort, 15 Masters Entry into Nursing students

Fall 2018 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 36 DNP Doctor of Nursing Practice-Advanced Practice students

Summer 2018 NR.110.516, Integrated Clinical Management: Complex Health Alterations, Course Coordinator, 25% Effort, 142 Masters Entry into Nursing students

Summer 2018 NR.120.538 Nursing Research Seminar, Course Coordinator, 10% effort, 21 Masters Entry into Nursing students

Spring 2018 NR. 120.538 Nursing Research Seminar, Co-Course Coordinator, 10% effort 21 Masters Entry into Nursing students

Spring 2018 NR.210.601, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 24 Doctor of Nursing Practice-Advanced Practice students

Spring 2018 NR.110.549, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 14 Masters Advanced Practice students

Spring 2018 NR.110.888, New Faculty Fellow Teaching Practicum I, Teaching Mentor, 1 PhD student

Fall 2017 NR.110.549, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 42 Masters Advanced Practice students

Fall 2017 NR.110.516, Integrated Clinical Management: Complex Health Alterations, Course Coordinator, 25% Effort, 84 Masters Entry into Nursing students

Fall 2017 NR.110.888, New Faculty Fellow Teaching Practicum I, Teaching Mentor, 2 PhD students

Fall 2017 NR. 120.538, Nursing Research Seminar, Co-Course Coordinator, 20% effort

Summer 2017 NR.120.511, Integrated Clinical Management: Chronic Health Alterations, Course Coordinator, 25% Effort, 139 Masters Entry into Nursing students

Summer 2017 NR.120.516, Integrated Clinical Management: Complex Health Alterations, Course Coordinator, 25% Effort, 86 Masters Entry into Nursing students

Summer 2017 NR.210.601, Advanced Health Assessment and Measurement, Course Developer, 20% Effort Doctor of Nursing Practice-Advanced Practice

Spring 2017 NR.120.511, Integrated Clinical Management: Chronic Health Alterations, Course Coordinator, 25% Effort, 142 Masters Entry into Nursing students

Spring 2017 NR.110.549, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 23 Masters Advanced Practice students

Fall 2016 NR.110.549, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 73 Masters Advanced Practice students

Fall 2016 NR.110.516, Integrated Clinical Management: Complex Health Alterations, Course Coordinator, 20% Effort, 87 Masters Entry into Nursing students

Spring 2016 NR.110.549, Advanced Health Assessment and Measurement, 20% effort, Course Coordinator, 17 Masters Advanced Practice students

Fall 2006 NR110.303, Health Assessment, Baccalaureate, Clinical Instructor, 10% effort, 7 students

### **Johns Hopkins University - Biomedical Engineering**

Fall 2017 580.611, Biomedical Device Design and Innovation (for US market), Project Advisor, 5 students in the Bioengineering Innovation and Design Program

Summer 2017 580.608, Identification and Validation of Medical Device Needs, Clinical Instructor, 5 students in the Bioengineering Innovation and Design Program

## Johns Hopkins University School of Medicine

Spring 2017	990.856, Medical Tutorial, Instructor, 1 student
Spring 2016	3 <sup>rd</sup> International Tracheostomy Symposium, Course Director
Spring 2016	Mark Rossberg Memorial Multidisciplinary Airway Course - 8 hours, given 4 times a year to medical, surgical, and anesthesia residents and fellows, nurses, and respiratory therapists, Course Director
Spring 2016	The Percutaneous Dilatational Tracheostomy: Hands-on Instructional Course (Pigs or Human Cadavers) – 8 hours, given yearly to the medical, surgical, and anesthesia residents and fellows (2007 – 2016), Course Director
Spring 2016	Tracheostomy/Laryngectomy Management Workshop: Basics and Beyond – 8 hours, given twice a year to the nurses and respiratory therapists at the Johns Hopkins Hospital, Johns Hopkins Bayview Medical Center, and Johns Hopkins Home Care (2007 – 2016), Course Director
Fall 2016	990.856, Medical Tutorial, Instructor, 3 students
Fall 2016	Mark Rossberg Memorial Multidisciplinary Airway Course - 8 hours, given 4 times a year to medical, surgical, and anesthesia residents and fellows, nurses, and respiratory therapists, Course Director
Fall 2016	Interventional Pulmonary Fellowship, 1 Fellow, Clinical Instructor
Spring 2016	990.856, Medical Tutorial, Instructor, 5%, 3 students
Spring 2015	Mark Rossberg Memorial Multidisciplinary Airway Course - 8 hours, given 4 times a year to medical, surgical, and anesthesia residents and fellows, nurses, and respiratory therapists, Course Director
Fall 2015	990.856, Medical Tutorial, Instructor, 5%, 3 students
Fall 2015	Mark Rossberg Memorial Multidisciplinary Airway Course - 8 hours, given 4 times a year to medical, surgical, and anesthesia residents and fellows, nurses, and respiratory therapists, Course Director
Fall 2015	Interventional Pulmonary Fellowship, 1 Fellow, Clinical Instructor
Spring 2014	Mark Rossberg Memorial Multidisciplinary Airway Course - 8 hours, given 4 times a year to medical, surgical, and anesthesia residents and fellows, nurses, and respiratory therapists, Course Director
Fall 2014	Interventional Pulmonary Fellowship, 1 Fellow, Clinical Instructor

- Fall 2014 Mark Rossberg Memorial Multidisciplinary Airway Course - 8 hours, given 4 times a year to medical, surgical, and anesthesia residents and fellows, nurses, and respiratory therapists, Course Director
- Fall 2013 Interventional Pulmonary Fellowship, 1 Fellow, Clinical Instructor

**Giffard Memorial Hospital School of Nursing, India**

- Spring 1998 Psychiatry Nursing, Faculty, 50%, 9 students
- Spring 1998 Psychiatry Nursing, Clinical Instructor, 9 students
- Spring 1998 Fundamentals in Nursing II, Course Coordinator & Faculty, 50%, 17 students
- Fall 1997 Fundamentals in Nursing I, Course Coordinator & Faculty, 50%, 17 students
- Fall 1997 First Aid, Instructor, 20%, 17 students
- Fall 1997 Sociology and Nursing, Course Coordinator & Faculty, 30%, 17 students
- Fall 1997 Psychiatry Nursing, Clinical Instructor, 9 students
- Fall 1997 Maternity Nursing, Clinical Instructor, 14 students
- Fall 1997 Health Assessment, Clinical Instructor, 14 students

***New Course Development***

- Fall 2021 NR.210.601, Advanced Health Assessment and Measurement, open to DNP-Advanced Practice Students (Nurse Practitioners, Clinical Nurse Specialists, and Nurse Anesthetists), 3 credit courses (Course Revision)
- Summer 2021 NR.210.888, Project Application, open to DNP-Executive, DNP-Advanced Practice, DNP-MBA, and DNP-MPH students
- Fall 2020 NR.120.887 Problem Advancement, open to DNP-Executive, DNP-Advanced Practice, DNP-MBA, and DNP-MPH students
- Spring 2020 NR.120.886 Problem Discovery, open to DNP-Executive, DNP-Advanced Practice, DNP-MBA, and DNP-MPH students
- Summer 2017 NR. 120.538 Nursing Research Seminar, 4 semester research honors program, open to MSN (Entry into Nursing) students

Summer 2017 NR.210.601, Advanced Health Assessment and Measurement, open to DNP-Advanced Practice Students (Nurse Practitioners, Clinical Nurse Specialists, and Nurse Anesthetists), 3 credit course

## **ACADEMIC SERVICE**

### ***Committees and Task Forces***

#### **Johns Hopkins University**

2022 – present Member, Selection Committee for the Johns Hopkins University Bloomberg Distinguished Professorships for the Artificial Intelligence and Society Cluster.

2020 – present Nurse Representative, COVID-19 Johns Hopkins Clinical Research Coordinating Committee, Johns Hopkins Institute for Clinical & Translational Research, Institutional Review Board

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

2021 – present Member, Academic Leadership Team

2021 – present Member, Faculty Leadership Team

2021 – present Member, Human Spaceflight Interest Group, Space@Hopkins

2021 Selection committee chair, Associate Dean for Clinical Practice

2021 Selection committee chair, Academic Program Manager

2020 – present Member, Johns Hopkins School of Nursing, COVID-19 Research Restart Committee, Institutional Review Board

2020 Selection committee member, Director for Research Honors Program

2019 – present Johns Hopkins School of Nursing Representative, Johns Hopkins University Faculty Budget Advisory Committee

2019 – 2022 Center Associate, Johns Hopkins University School of Nursing, Center for Community Innovations and Scholarship (CCIAS)

2019 Selection committee member, International Practicum Coordinator

2019 – 2021 Ex Officio, Doctor of Nursing Practice- Executive Admissions Committee

2018 – present Advisor, Student Community Health Interest Group

2018 – present Nurse representative, Global Alliance of Perioperative Professionals

- 2018 – present Chair, Faculty Interest Group – Respiratory (Airway and Pulmonary)
- 2017 – 2021 Member, DNP Curriculum Development Task Force
- 2017 – present Member, Faculty Interest Group – Cardiovascular Health
- 2016 – present JHSON representative, JHU Consortium of Universities for Global Health (CUGH), Center for Global Surgery Steering Committee
- 2016 – 2021 Member, Doctoral Nursing Practice Curriculum Committee
- 2018 – 2020 Advisor, Student Global Health Interest Group
- 2017 – 2020 Member, Masters of Science Nursing Progression Committee
- 2017 – 2019 School of Nursing Collaborator, The Johns Hopkins Center for Bioengineering Innovation and Design
- 2017 – 2018 Johns Hopkins School of Nursing representative, RAD-AID India
- 2010 – 2011 Student Representative, Ethics Committee, Student Representative, Curriculum Committee, Student Representative, Doctoral Student Web Development

**The Johns Hopkins Hospital**

- 2018 – 2022 School of Nursing Nurse Scientist Representative, Johns Hopkins Hospital Nursing Research Committee
- 2018 – 2020 Member, Johns Hopkins Otolaryngology-Head and Neck Surgery Tracheostomy Quality Initiative
- 2015 – 2016 Chair, Selection Committee to identify a new Director for the Johns Hopkins Airway Program
- 2015 – 2016 Chair, Tracheostomy Electronic Documentation Task Force (Epic Documentation)
- 2015 – 2016 Chair, Difficult Airway Electronic Documentation Task Force (Epic Documentation)
- 2014 – 2016 Member, Diversity Committee for the Department of Anesthesia and Critical Care Medicine
- 2007-2014 Member, Johns Hopkins Hospital Nursing Research Committee

**MENTORING AND ADVISEMENT**

**Mentoring**



- 2022 – 2023 Mary Gentile, Speech-Language Pathology Fellow, Systematic review of communications in mechanically ventilated patients
- 2021 – 2022 Annalise Irvine, Speech-Language Pathology Fellow, Systematic review of communications in mechanically ventilated patients
- 2020 – 2021 Annamarie King, Speech-Language Pathology Fellow, Systematic review of communications in mechanically ventilated patients
- 2019 – 2020 Noor Zarghula, Speech-Language Pathology Fellow, Use of non-invasive ventilation mode to facilitate speech in tracheostomy patients
- 2019 – 2020 Nadia Andrade, Doctor of Philosophy in Nursing Student, New Faculty Fellow, Baltimore, MD
- 2018 – 2019 Kristen Martin, Speech-Language Pathology Fellow, Early speech with one-way speaking valves in tracheostomy patients
- 2017 – 2018 Ruth-Alma Turkson-Ocran, Doctor of Philosophy in Nursing Student, New Faculty Fellow, Baltimore, MD
- 2017-2018 Udeme Isang, Doctor in Nursing Practice Student, Outcomes of Education using a Phone App among Tracheostomy Patients in the Community, Grand Canyon University School of Nursing
- 2017 – 2017 Joycelyn Cudjoe, Doctor of Philosophy in Nursing Student, New Faculty Fellow, Baltimore, MD
- 2016 – 2018 Sarah Boisen, Master’s Entry Level Nursing Student, Fenestrated Tracheostomy Tubes
- 2016 – 2018 Kelly Cunningham, Master’s Entry Level Nursing Student, Evaluating the Educational Outcomes of SimUTrach, Wearable Technology for the Standardized Patient, with Manikin based Simulation Education: A Translational Research Study
- 2015-2017 Annelies Carl, Master’s Entry Level Nursing Student, Outpatient follow-up of tracheostomy patients
- 2015-2017 Bert Geng, Master’s Entry Level Nursing Student, Competency and tracheostomy tube changes
- 2015-2016 Chrissy Percha, Speech-Language Pathologist Fellow, Characteristics of patients using one-way speaking valves – A retrospective study
- 2015-2016 Natsumi Asanama, Speech-Language Pathologist Fellow, Early speech with one-way speaking valves
- 2015-2016 Dan Hassler, Bachelor’s Degree Nursing Student, Normal Saline Use with Suctioning: A Randomized-Controlled Trial Pilot Study

- 2015-2016 Ryan Swartz, Bachelor's Degree Nursing Student, Competency of nurses with regards to tracheostomy tube changes
- 2015 Dana Kilonsky, Speech-Language Pathologist Fellow, Blueline Ultra Suctionaid Tracheostomy tube
- 2015 Linda Dultz, Surgery Fellow, Multidisciplinary Tracheostomy Team Rounds and Outcomes
- 2015 Marco Oldsman, Bachelor's Degree Nursing Student, Emergency and Transport Tracheostomy Supplies: A Quality Improvement Project
- 2014-2015 Anna Fraifeld, Bachelor's Degree Nursing Student, Secondary Analysis of a national Difficult Airway database - MedicAlert Registry, Zoe Chen, Nursing Student, Normal Saline Use with Suctioning: A Randomized-Controlled Trial Pilot Study
- 2014-2015 Katherine Graap, Bachelor's Degree Nursing Student, Normal Saline Use with Suctioning: A Randomized-Controlled Trial Pilot Study
- 2014 Renee Stretchberry, Bachelor's Degree Nursing Student, Effectiveness of discharge education on tracheostomy for caregivers of pediatric patients-Pilot Study
- 2014 Deborah Antwih, Bachelor's Degree Nursing Student, Factors associated with decision making to perform a tracheostomy and percutaneous endoscopic gastrostomy tube
- 2014 Jacqueline Stokes, Master's Degree Respiratory Therapist, Predictors of Readmission to ICU among Tracheostomy Patients
- 2014 Christa San Luis, NCCU Fellow, Tracheostomy and PEGs in NCCU, 2014
- 2014 Mohit Datta, NCCU Fellow, Predictors of readmission to ICU among tracheostomy patients
- 2014 Therese Cole, Speech-Language Pathologist Fellow, Optimizing communication in mechanically ventilated patients
- 2013 Elizabeth Galici, Multidisciplinary Tracheostomy Team Rounds and Outcomes

**Faculty Research Mentorship**

- 2022 – Present Dr. Lisa Grubb, Area of Research: Wound care, Johns Hopkins University School of Nursing
- 2021 – Present Dr. Marianne Fingerhood, Area of Research: Safe opioid prescribing, identification and treatment of opioid use disorder, and the support and education of nurse practitioners as they transition into their roles as primary care providers, Johns Hopkins University School of Nursing
- 2019 – Present Dr. Jessica Peters, Area of Research: Patient and Family involvement in Intensive Care Units, Johns Hopkins University School of Nursing

**Student Advisement**

### *Academic Advisor*

- 2022 – present Academic Advisor, Doctor of Philosophy – 3 students, JHUSON, Baltimore
- 2021 – 2022 Academic Advisor, Doctor of Philosophy – 2 students, JHUSON, Baltimore
- 2020 – 2021 Academic Advisor, Doctor of Nursing Practice Executive – 13 students, JHUSON, Baltimore
- 2020 – 2021 Academic Advisor, Doctor of Nursing Practice Executive/MBA – 21 students, JHUSON, Baltimore
- 2019 – 2021 Academic Advisor, Doctor of Nursing Practice Executive/MBA – 16 students, JHUSON, Baltimore
- 2019 – 2021 Academic Advisor, Doctor of Nursing Practice Executive – 14 students, JHUSON, Baltimore
- 2018 – 2021 Academic Advisor, Doctor of Nursing Practice Executive/MBA – 8 students, JHUSON, Baltimore
- 1997 – 1998 Academic Advisor, Diploma Nursing Students – 17 students, Giffard Memorial Hospital School of Nursing, India

### *Faculty Advisor*

- 2021 – present Faculty Advisor, Student Nursing and Healthcare Innovation Interest Group Meeting, Johns Hopkins School of Nursing
- 2021 – present Faculty Advisor, Student Space Nursing Interest Group, Johns Hopkins School of Nursing
- 2017 – 2022 Faculty Advisor, Student Community Health Interest Group, Johns Hopkins School of Nursing
- 2018 – 2020 Faculty Advisor, Student Global Health Interest Group, Johns Hopkins School of Nursing

### **Independent Study**

- 2012-2013 Anisha Contractor, Research project on Tracheostomy Capping Trials
- 2012-2007 Ravi Vaswani, Research project on high-risk patients receiving tracheostomy, and impact of a tracheostomy program
- 2011-2012 Shravani Gangidi, Research project on safety and efficiency of interventional pulmonologists performing a percutaneous tracheostomy

### **Scholarly Projects**

2006 Rona Corral, Scholarship project on ALOHA to heart disease among female nurses in a Progressive Care Unit, Mentor

**Pre-doctoral mentorship – students with Extramural Funds**

2020 Chandler Moser Doctor of Philosophy Triservice Nursing Research Program, United States, Department of Defense

**Dissertation Committee Member**

2021 Chandler Moser Doctor of Philosophy Johns Hopkins School of Nursing  
2023 Changhwan Kim Doctor of Philosophy Johns Hopkins School of Nursing