

CURRICULUM VITAE PART I

PERSONAL DATA

Vinciya Pandian, PhD, MSN, RN, ACNP-BC, FAAN

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EDUCATION

Year	Degree	Institution	Location
Anticipated 2018	Master of Business and Administration; Health Systems Management	University of Baltimore & Towson University	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

CURRENT LICENSES AND CERTIFICATIONS

Year	Source	Type	License & Certification Number
2015	Society of Critical Care Medicine	Fundamental Critical Care Support Certificate (FCCS)	
2004	American Nurses Credentialing Center	Acute Care Nurse Practitioner (ACNP-BC)	0386897
1998	Maryland Board of Nursing	Registered Nurse (RN)	R142853
1996	Trained Nurses Association of India	Registered Nurse (RN)	39469
1996	Trained Nurses Association of India	Registered Nurse Midwife (RNM)	46317

PROFESSIONAL EXPERIENCE

Year	Position	Institution	Location
2016-present	Assistant Professor	Johns Hopkins University School of Nursing	Baltimore, MD
2014-2017	Assistant Professor	Johns Hopkins University School of Medicine	Baltimore, MD
2015-2016	Joint Appointment Faculty	Johns Hopkins University School of Nursing	Baltimore, MD
2013-2016	Director of Practice, Education, & Research	Johns Hopkins Hospital Airway Program	Baltimore, MD
2012-2016	Nursing Director	Johns Hopkins Hospital Percutaneous Tracheostomy Service	Baltimore, MD
2007-2012	Tracheostomy Nurse Practitioner & Research Associate	Johns Hopkins Hospital Percutaneous Tracheostomy Service	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

Year	Position	Institution	Location
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 and Midwife	Community Health Department Christian Medical College and Hospital	Vellore, India
1996-1997	Nurse Midwife	Community Health Department Christian Medical College and Hospital	Vellore, India

HONORS AND AWARDS

- 2017 Award for program development and quality improvement Expo Presentation, Physical Medicine and Rehabilitation, 7th Annual Research and Clinical Expo, Baltimore, MD
- 2017 New Faculty Fellowship Award, 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 3rd International Tracheostomy Symposium, Baltimore, MD
- 2015 Literary Award 39th Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses, Dallas, TX
- 2014 Research Poster Award – Difficult Airway Response Team, 38th Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses, Orlando, FL
- 2013 Research Poster Award – Outpatient Follow-Up of Tracheostomy Patients, 37th 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 PhD 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 percutaneous dilatational tracheostomy, 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, San Francisco, CA, 34th Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses
- 2010 Patient Education Video Award – Tracheostomy and Laryngectomy Stoma Care, Boston, MA, 33rd Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses
- 2009 Research Poster Award – Model for Best Practice: Nurse Practitioner Facilitated Tracheostomy Service, San Diego, CA, 32nd Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses
- 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, Pragasapuram, India
- 1992 First Rank in Science Major Award, Pragasapuram, India
- 1991 First Rank among all Majors (Science, Mathematics & Commerce) Award, Pragasapuram, India
- 1991 First Rank in Science Major Award, Pragasapuram, India

RESEARCH

Research / Educational Grants

- 2017 – 2018 New Faculty Fellowship Award, \$20,000
- 2017 – 2018 QED Innovation Grant, Role: PI for subaward, \$10,000
- 2016 – 2017 MCIC Risk Reduction Awards Program, Role: Co-Investigator, \$25,000
- 2014 – 2016 Smith Medicals Research Grant, Role: PI, \$74,000
- 2014 – 2016 U.S. Army Medical Research and Materiel Command Research Grant, Role: Co-Investigator, \$12,000
- 2014 – 2015 University of Baltimore & Towson University Merit Scholarship, \$2,500
- 2014 – 2015 Society of Otorhinolaryngology Head and Neck Nurses Research Grant, Role: PI, \$1500
- 2013 – 2014 Johns Hopkins Nursing Shirley Sohmer Research Grant, Role: PI, \$1000
- 2011 – 2012 Johns Hopkins University School of Nursing Doctoral Fellowship, Role: PI, \$12,000
- 2010 – 2011 Predoctoral Clinical Research Fellowship, Role: PI, \$41,000

2010 – 2011	Caylor Doctoral Fellowship, Role: Doctoral Student, \$18,000
2009 – 2010	Madelyn Tunner Doctoral Fellowship, Role: Doctoral Student, \$19,557
2008 – 2009	Ellen Levi Zamoiski Endowed Pre-Doctoral Fellowship, Role: Doctoral Student, \$36,960

Sponsored Projects

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, QED innovation Subaward via 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 MCIC Vermont, A reciprocal risk retention group), \$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, PI: Dr. Haut / Dr. Bowyer, Role: Co-investigator, 10% effort, funded by the U.S. Army Medical Research and Materiel Command, \$800,858
2013 – 2014	A prospective evaluation of a tracheostomy tube that enables communication in ventilator dependent patients – A pilot study, Role: PI, 8% effort, funded by Society of Otolaryngology, Head-Neck Nursing, and the Johns Hopkins Nursing Shirley Sohmer Research Grant, \$1500
2012 – 2013	Quality of life in mechanically ventilated patients, PI: Dr. Mirski, Role: Co-investigator, 5% effort, funded by National Center for Research Resources and the National Center for Advancing Translational Sciences 101872 NCAT, \$1,000
2011 – 2012	Quality of life in mechanically ventilated Patients, Role: PI, 1% effort, funded by Society of Otolaryngology, Head-Neck Nursing, \$2,000
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
2006	Transitoriness in cancer patients, PI: Dr. Anne Belcher, Role: Research Assistant, 1% effort, Dorothy Evans Lynne Fund, \$1,000

SCHOLARSHIP

Publications

Peer Reviewed Publications (*Data Based)

1. *Garg, V. G., Best, S.R., Skinner, M. L., Boss, E. F., Tunkel, D. E., Walker, R. K., **Pandian, V.**, (2017). Parents' perceptions about their child's tracheostomy related discharge education: Conventional content analysis. *ORL Head Neck Nurs, In Press*
2. **Pandian, V.** (2017). Artificial Airways: Otolaryngology Head and Neck Nurses can move the needle in the right direction. *ORL Head Neck Nurs, In Press*
3. Ward, E., **Pandian, V.**, & Brenner, M. J. (2017). The Primacy of Patient-Centered Outcomes in Tracheostomy Care. *Patient*. doi:10.1007/s40271-017-0283-3
4. *Nobleza, C. S., **Pandian, V.**, Jasti, R., Wu, D., Mirski, M. A., Geocadin, R., (2017). Outcomes of Tracheostomy with Concomitant and Delayed Percutaneous Endoscopic Gastrostomy in the Neuroscience Critical Care Unit. *Journal of Intensive Care Medicine*, Jan 1:885066617718492, doi: 10.1177/0885066617718492
5. *Gadkaree, S. K., **Pandian, V.**, Best, S., Motz, K. M., Allen, C., Kim, Y., . . . Hillel, A. T. (2017). Laryngotracheal Stenosis: Risk Factors for Tracheostomy Dependence and Dilation Interval. *Otolaryngol Head Neck Surg*, 156(2):321 – 328. doi:10.1177/0194599816675323
6. ***Pandian, V.**, Hutchinson, C. T., Schiavi, A. J., Feller-Kopman, D. J., Haut, E. R., Parsons, N. A., . . . Yarmus, L. B. (2016). Predicting the need for nonstandard tracheostomy tubes in critically ill patients. *J Crit Care*, 37, 173-178. doi:10.1016/j.jcrc.2016.05.025
7. **Pandian, V.**, Garg, V., Antar, R., & Best, S. (2016). Discharge Education and Caregiver Coping of Pediatric Patients with a Tracheostomy: Systematic Review. *ORL Head Neck Nurs*, 34(1), 17-18, 20-17.
8. *Samad, I., Phelps, M., **Pandian, V.**, Best, S. R., Akst, L. M., Jaber, M., . . . Hillel, A. T. (2016). High-flow oxygen, a primary oxygenation technique for endolaryngeal airway surgery: Our experience with 10 patients. *Clin Otolaryngol*, 41(3), 286-289. doi:10.1111/coa.12497
9. *Hillel, A. T., Karatayli-Ozgunsoy, S., Samad, I., Best, S. R., **Pandian, V.**, Giraldez, L., . . . North American Airway, C. (2016). Predictors of Posterior Glottic Stenosis: A Multi-Institutional Case-Control Study. *Ann Otol Rhinol Laryngol*, 125(3), 257-263. doi:10.1177/0003489415608867
10. **Pandian, V.**, Mark, L. J., Bhatti, N. I., & Hillel, A. T. (2015). In response to a novel role for otolaryngologists in the multidisciplinary difficult airway response team. *Laryngoscope*, 125(12), E393. doi:10.1002/lary.25468
11. ***Pandian, V.**, Thompson, C. B., Feller-Kopman, D. J., & Mirski, M. A. (2015). Development and validation of a quality-of-life questionnaire for mechanically ventilated ICU patients. *Crit Care Med*, 43(1), 142-148. doi:10.1097/CCM.0000000000000552

12. *Mark, L. J., Herzer, K. R., Cover, R., **Pandian, V.**, Bhatti, N. I., Berkow, L. C., . . . Mirski, M. A. (2015). Difficult airway response team: a novel quality improvement program for managing hospital-wide airway emergencies. *Anesth Analg*, 121(1), 127-139. doi:10.1213/ANE.0000000000000691
13. * **Pandian, V.**, Hillel, A. T., Mark, L. J., Clark, J., Miller, C. R., Haut, E. R., . . . Bhatti, N. (2015). A novel role for otolaryngologists in the multidisciplinary Difficult Airway Response Team. *Laryngoscope*, 125(3), 640-644. doi:10.1002/lary.24949
14. Chmielewska, M., Winters, B. D., **Pandian, V.**, & Hillel, A. T. (2015). Integration of a difficult airway response team into a hospital emergency response system. *Anesthesiol Clin*, 33(2), 369-379. doi:10.1016/j.anclin.2015.02.008
15. *Namba, D. R., Ma, G., Samad, I., Ding, D., **Pandian, V.**, Powell, J. D., . . . Hillel, A. T. (2015). Rapamycin inhibits human laryngotracheal stenosis-derived fibroblast proliferation, metabolism, and function in vitro. *Otolaryngol Head Neck Surg*, 152(5), 881-888. doi:10.1177/0194599815573708
16. ***Pandian, V.**, Smith, C. P., Cole, T. K., Bhatti, N. I., Mirski, M. A., Yarmus, L. B., & Feller-Kopman, D. J. (2014). Optimizing Communication in Mechanically Ventilated Patients. *J Med Speech Lang Pathol*, 21(4), 309-318.
17. ***Pandian, V.**, Bose, S., Miller, C., Schiavi, A., Feller-Kopman, D., Bhatti, N., & Mirski, M. (2014). Exploring quality of life in critically ill tracheostomy patients: a pilot study. *ORL Head Neck Nurs*, 32(1), 6-8, 10-13.
18. ***Pandian, V.**, Miller, C. R., Schiavi, A. J., Yarmus, L., Contractor, A., Haut, E. R., . . . Bhatti, N. I. (2014). Utilization of a standardized tracheostomy capping and decannulation protocol to improve patient safety. *Laryngoscope*, 124(8), 1794-1800. doi:10.1002/lary.24625
19. *Hillel, A. T., Namba, D., Ding, D., **Pandian, V.**, Elisseeff, J. H., & Horton, M. R. (2014). An in situ, in vivo murine model for the study of laryngotracheal stenosis. *JAMA Otolaryngol Head Neck Surg*, 140(10), 961-966. doi:10.1001/jamaoto.2014.1663
20. *Yarmus, L., **Pandian, V.**, Gilbert, C., Schiavi, A., Haider, A., Chi, A., . . . Feller-Kopman, D. (2012). Safety and efficiency of interventional pulmonologists performing percutaneous tracheostomy. *Respiration*, 84(2), 123-127. doi:10.1159/000339321
21. ***Pandian, V.**, Miller, C. R., Mirski, M. A., Schiavi, A. J., Morad, A. H., Vaswani, R. S., . . . Bhatti, N. I. (2012). Multidisciplinary team approach in the management of tracheostomy patients. *Otolaryngol Head Neck Surg*, 147(4), 684-691. doi:10.1177/0194599812449995
22. *Mirski, M. A., **Pandian, V.**, Bhatti, N., Haut, E., Feller-Kopman, D., Morad, A., . . . Roberts, V. J., Jr. (2012). Safety, efficiency, and cost-effectiveness of a multidisciplinary percutaneous tracheostomy program. *Crit Care Med*, 40(6), 1827-1834. doi:10.1097/CCM.0b013e31824e16af
23. **Pandian, V.**, & Miller, C. (2012). Body image reintegration and coping effectiveness after head and neck surgery: a review. *ORL Head Neck Nurs*, 30(1), 16-19.

24. ***Pandian, V.**, Gilstrap, D. L., Mirski, M. A., Haut, E. R., Haider, A. H., Efron, D. T., . . . Feller-Kopman, D. (2012). Predictors of short-term mortality in patients undergoing percutaneous dilatational tracheostomy. *J Crit Care*, 27(4), 420 e429-415. doi:10.1016/j.jcrc.2011.10.003
25. *Malik, M. U., **Pandian, V.**, Masood, H., Diaz, D. A., Varela, V., Davalos-Balderas, A. J., . . . Francis, H. W. (2012). Spectrum of immune-mediated inner ear disease and cochlear implant results. *Laryngoscope*.
26. ***Pandian, V.**, Maragos, C., Turner, L., Mirski, M., Bhatti, N., & Joyner, K. (2011). Model for best practice: nurse practitioner facilitated percutaneous tracheostomy service. *ORL Head Neck Nurs*, 29(2), 8-15.
27. *Varela, D. A., Malik, M. U., Laeeq, K., **Pandian, V.**, Brown, D. J., Weatherly, R. A., . . . Bhatti, N. I. (2011). Learning styles in otolaryngology fellowships. *Laryngoscope*, 121(12), 2548-2552. doi:10.1002/lary.21898
28. ***Pandian, V.**, Vaswani, R. S., Mirski, M. A., Haut, E., Gupta, S., & Bhatti, N. I. (2010). Safety of percutaneous dilational tracheostomy in coagulopathic patients. *Ear Nose Throat J*, 89(8), 387-395.
29. *Stewart, C. M., Masood, H., **Pandian, V.**, Laeeq, K., Akst, L., Francis, H. W., & Bhatti, N. I. (2010). Development and pilot testing of an objective structured clinical examination (OSCE) on hoarseness. *Laryngoscope*, 120(11), 2177-2182. doi:10.1002/lary.21095
30. *Shaha, M., **Pandian, V.**, Choti, M. A., Stotsky, E., Herman, J. M., Khan, Y., . . . Belcher, A. E. (2010). Transitoriness in cancer patients: a cross-sectional survey of lung and gastrointestinal cancer patients. *Support Care Cancer*, 19(2), 271-279. doi:10.1007/s00520-010-0815-z
31. *Laeeq, K., **Pandian, V.**, Skinner, M., Masood, H., Stewart, C. M., Weatherly, R., . . . Bhatti, N. I. (2010). Learning curve for competency in flexible laryngoscopy. *Laryngoscope*, 120(10), 1950-1953. doi:10.1002/lary.21063
32. *Bhatti, N. I., Mohyuddin, A., Reaven, N., Funk, S. E., Laeeq, K., **Pandian, V.**, . . . Feller-Kopman, D. (2010). Cost analysis of intubation-related tracheal injury using a national database. *Otolaryngol Head Neck Surg*, 143(1), 31-36. doi:10.1016/j.otohns.2009.11.004
33. *Laeeq, K., Weatherly, R. A., Carrott, A., **Pandian, V.**, Cummings, C. W., & Bhatti, N. I. (2009). Learning styles in two otolaryngology residency programs. *Laryngoscope*, 119(12), 2360-2365. doi:10.1002/lary.20655
34. **Pandian, V.**, Nguyen, T. T., Mirski, M. A., & Bhatti, N. I. (2008). Percutaneous Tracheostomy: A Multidisciplinary Approach. *Perspectives on Voice and Voice Disorders*, 119(12), 2360-2365.

Book Chapters

1. **Pandian, V.**, Ahmad, M., & Bhatti, N. (2015). Tracheostomy-related airway emergencies. In L. C. S. Berkow, J. C. (Ed.), *Cases in emergency airway management* (pp. 34 - 41). Cambridge, United Kingdom: Cambridge University Press.
2. **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.

3. 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.
4. 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

- 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 19th(Poster*)
- 2016 **Pandian, V.** Post-operative Tracheostomy Care: First Tracheostomy Tube Change, Tube Selection, and Speaking Valves. 3rd International Tracheostomy Symposium 2016, Baltimore, MD (Podium, Invited)
- 2016 **Pandian, V.** The Holy Grail: Decannulation in Adult Patients. 3rd 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, Society of Critical Care Medicine's 45th 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 43rd 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

- 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. 41st 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. 40th 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. 39th 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. 38th 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. 38th Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2014, Orlando, FL; and 18th Annual Society for Airway Management Scientific Meeting, Seattle, WA (Poster*)
- 2014 **Pandian V**, Tracheostomy Capping and Decannulation Protocol. 38th Annual Congress and Nursing Symposium, Society of Otorhinolaryngology and Head-Neck Nurses 2014, Orlando, FL (Podium*); and 18th 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. 17th 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. 17th 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. 37th 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. 37th 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. 36th 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. 35th 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. 35th 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. 35th 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. 3rd 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*)
- 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: 34th 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, 34th 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, 33rd 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. 16th Annual Assembly of the American Association for Bronchology and Interventional Pulmonology, Chest 2008, Philadelphia, PA (Hands on work station)
- 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) 5th 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. 44th 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

- 2012 **Pandian, V.** Joanne Tourigny Lectureship, Latest Trends in Tracheostomy Care. The 68th 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

- 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

Committees within Johns Hopkins Hospital

September 2015 – June 2016: Chair, Selection Committee to identify a new Director for the Johns Hopkins Airway Program

July 2015 – June 2016: Chair, Tracheostomy Electronic Documentation Task Force (Epic Documentation)

July 2015 – June 2016: Chair, Difficult Airway Electronic Documentation Task Force (Epic Documentation)

July 2014 – June 2016: Member, Diversity Committee for the Department of Anesthesia and Critical Care Medicine

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 PAT035, Author

Nursing Research Committee

- 2007-2014 Member of the Johns Hopkins Hospital Nursing Research Committee. Collaborated with the Director of Nursing Research and research nurses from all the departments to review research applications, apply for research funding, and ensuring research was conducted with good scientific rigor to aid in the maintenance of the Hospital's Magnet status.

Patient Care Materials

- 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)

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

- 2011-present Journal of Otorhinolaryngology-Head and Neck Nursing, Member

Invited Manuscript Reviewer

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

Vellore Christian Medical College Foundation
2017-present Board of Directors

Indian American Nurses Association of Maryland
2017-present Member

American Academy of Nurses
2017-present Member

Maryland Nurses Association
2016-present Member

Global Tracheostomy Collaborative
2016-present Member

The National Society of Leadership and Success
2015-present Member

Southern Asian Church Health Ministry
2014-present Board of Directors

American Nurses Association
2014-present Member

American Association of Nurse Practitioners
2013-present Member

American Thoracic Society
2013-present Member

Society of Critical Care Medicine
2012-present Member

Society of Otorhinolaryngology and Head-Neck Nurses

2015-present MD/DC Chapter, President
2010-present National Chapter, Clinical Practice & Research Committee, Member
2008-present MD/DC Chapter & National Chapter, Member
2015-2017 National Organization, Board of Directors
2013-2014 National Organization, Nominating Committee, Chair
2012-2013 National Organization, Nominating Committee, Chair
2010-2014 MD/DC Chapter, Vice President
2010-2011 National Organization, Tracheostomy Guidelines Development Group, Member

The Nurse Practitioner Association of Maryland

2003-present Member

Sigma Theta Tau, Nu Beta Chapter

2016 -present President-Elect
2002 -present Member

International Nurses Association

2013-2014 Member

Doctoral Student Organization

2006-2007 Vice President

American Association of Critical Care Nurses

2000-2015 Member

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 Medtronic Tracheostomy Industry, Consultation on the type of tracheostomy tubes that are beneficial for patients since 2016

2017 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 since 2009

Community Service

- 2017 – Present Advisory Committee, Opioid Crises Intervention, Harford County, Maryland
- 2012 – 2017 Director of Health Ministry, Southern Asian Church
- 2010 – Present Annual Serving Food to the Patients and Family Members at the Johns Hopkins Hackerman Patz House
- 2011-2017 Instructor of Adventurer Club (Similar to Scouts Program) – Ages 4 – 10, Montgomery County, Maryland

CURRICULUM VITAE

Part II

EDUCATIONAL ACTIVITIES

Classroom / Clinical Instruction

Johns Hopkins University School of Nursing

Fall 2017	NR.110.549, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 42 students
Fall 2017	NR.110.516, Integrated Clinical Management: Complex Health Alterations, Course Coordinator, 20% Effort, 84 students
Fall 2017	NR.110.888, New Faculty Fellow Teaching Practicum I, Teaching Mentor, 2 students
Summer 2017	NR.120.511, Integrated Clinical Management: Chronic Health Alterations, Course Coordinator, 25% Effort, 139 students
Summer 2017	NR.120.516, Integrated Clinical Management: Complex Health Alterations, Course Coordinator, 25% Effort, 86 students
Summer 2017	NR.210.6, Advanced Health Assessment and Measurement, Course Developer, 20% Effort
Spring 2017	NR.120.511, Integrated Clinical Management: Chronic Health Alterations, Course Coordinator, 25% Effort, 142 students
Spring 2017	NR.110.549, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 23 students
Fall 2016	NR.110.549, Advanced Health Assessment and Measurement, Course Coordinator, 25% Effort, 73 students
Fall 2016	NR.110.516, Integrated Clinical Management: Complex Health Alterations, Course Coordinator, 20% Effort, 87 students
Spring 2016	NR.110.549, Advanced Health Assessment and Measurement, 20% effort, Course Coordinator, 17 students
Fall 2006	NR110.303, Health Assessment, Baccalaureate, Clinical Instructor, 10% effort, 7 students

Johns Hopkins University - Biomedical Engineering

Summer 2017	580.608, Identification and Validation of Medical Device Needs, Clinical Instructor, 5 students in the Bioengineering Innovation and Design Program
Fall 2017	580.611, Biomedical Device Design and Innovation (for US market), 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 rd 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

ACADEMIC SERVICE

Johns Hopkins University School of Nursing

- 2018-present Johns Hopkins Hospital Nursing Research Committee
- 2017-present Faculty Interest Group – Respiratory Conditions, Chair
- 2017-present The Johns Hopkins Center for Bioengineering Innovation and Design, Johns Hopkins School of Nursing Collaborator
- 2017-present Faculty Interest Group – Cardiovascular Health, Member
- 2016-present Center for Global Surgery Steering Committee, Johns Hopkins School of Nursing Representative
- 2016-present Doctoral Nursing Practice Curriculum Committee, Member
- 2010 – 2011 Ethic Committee, Student Representative
- 2009 – 2010 Curriculum Committee, Student Representative
- 2006 – 2007 Doctoral Student Web Development, Student Representative

MENTORING AND ADVISEMENT

Mentoring

- 2017 Ruth-Alma Turkson-Ocran, Doctor of Philosophy in Nursing Student, New Faculty Fellow, Baltimore, MD

2017	Joycelyn Cudjoe, 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
2016	Sarah Boisen, Master's Entry Level Nursing Student, Fenestrated Tracheostomy Tubes
2016	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
2015-2016	Chrissy Percha, Speech-Language Pathologist Fellow, Characteristics of patients using one-way speaking valves – A retrospective study
2015-2017	Annelies Carl, Master's Entry Level Nursing Student, Outpatient follow-up of tracheostomy patients
2015-2016	Natsumi Asanama, Speech-Language Pathologist Fellow, Early speech with one-way speaking valves
2015-2017	Bert Geng, Master's Entry Level Nursing Student, Competency and tracheostomy tube changes
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

Student Advisement

2017	Emma Sexton, PhD student, Johns Hopkins School of Nursing
1997	17 Students, First Year Nursing Students, Giffard Memorial Hospital School of Nursing, India

Independent Study

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| 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 percutaneous tracheostomy |

Scholarly Projects

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| 2006 | Rona Corral, Scholarship project on ALOHA to heart disease among female nurses in a Progressive Care Unit, Mentor |
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01.08.2018