

Thomas J. Heater II

Current Address
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EDUCATION

Columbus State Community College, Columbus, OH

Respiratory Care Program

Associate of Applied Science, June 2011

Overall GPA: 4.00 / 4.00

Certifications: BLS, PALS, ACLS

Ohio University, Athens, OH

Bachelor of Business Administration, June 2002

Major: Marketing **Minor:** Interpersonal Communication **Overall GPA:** 3.95 / 4.00

Awards: EMBA All-Around Excellence Award for academic achievement with a proven record of excellence in scholastic and professional endeavors; Executive Advisory Board Academic Excellence Award for being the top-ranked marketing graduate

PROFESSIONAL EXPERIENCE

NATIONWIDE CHILDREN'S HOSPITAL, Columbus, OH: 6/2015 – present

Simulation Coordinator, Simulation and Outreach Education: www.nationwidechildrens.org

- Create, coordinate, manage, operate and facilitate new and ongoing simulation education programs
- Lead and manage over 6 ongoing simulation programs and assist on all others
- Designed and managed NCH Respiratory Care Program's first simulation-based competency check-off that was used to measure the competency of over 100 respiratory therapists
- Created seven CNE simulation programs with a respiratory focus since 2015
- Co-lead the Trach Rolling Refresher QI project, designed to teach and assess caregivers of children with new tracheostomies prior to discharge
- Responsible for program development initiatives: database management, online surveys, business processes, marketing
- Earned the Certified Healthcare Simulation Educator certification (CHSE) in November 2018

NATIONWIDE CHILDREN'S HOSPITAL, Columbus, OH: 7/2011 – 6/2016

Registered Respiratory Therapist, PICU: www.nationwidechildrens.org

- Proficient in mechanical ventilation, advanced modes of ventilation, NIV, nitric oxide, HFOV, Negative pressure ventilation, EPM, ILV and pulmonary clearance devices and techniques
- Voted RT of the year out of over 150 RT's in 2013 by RT's, RN's, physicians and management
- Primary preceptor of new hires and students
- Served as Interim Lead Therapist for 3 months and co-managed the unprecedented merge of two ICU's
- Created an orientation manual and managed the integration of 15 RT's simultaneously
- Partnered with a PICU Fellow on a QI project about the use of esophageal pressure monitoring, created competency testing, trained select Super User RT's and drafted an EPM policy
- Managed the revamping and reintroduction of the NIV weaning protocol
- Completed the Pediatric Fundamental Critical Care Support course and serve as an Associate Instructor
- Selected by a PICU Attending to implement independent lung ventilation on an ECMO patient and trained physicians and RT's on the initiation and management of ILV

SCHOLARLY WORK

ARTICLES

Poeppelman RS, Coles MT, **Heater T**, Vohsing L, Von Sadovszky V, Lutmer JE, Maa T. Assessing Competence With a Task Trainer: Validity Evidence for Novel Tracheostomy Care Skills Assessment Tool. *Simul Healthc*. 2022 Aug 1;17(4):220-225. doi: 10.1097/SIH.0000000000000597. Epub 2021 Jul 28. PMID: 34319269.

POSTERS, PRESENTATIONS, WORKSHOPS

Heater, T. Simulation Driven Multidisciplinary Conceptual Framework for Managing Ventilated Pediatric Patients. Roundtable presentation at the International Pediatric Simulation Symposia and Workshop, Boston, MA, June 2017.

Heater, T., Shonk, A., Christman, J., et al. Bridging the Gap Between Knowledge and Execution: Use of Immersive Mechanical Ventilation Simulation Scenarios to Educate and Assess Pediatric Respiratory Therapists. Poster Presentation at: Fall Educational Symposium and Celebration of Scholarship. Oct. 16, 2018, Ohio State University College of Medicine, Columbus, OH.

Coles, M., **Heater, T.**, Vohsing, L., Maa, T. et al. Perfect practice makes perfect: On-demand bedside task training to prepare caregivers for children with tracheostomies. Poster Presentation at: Fall Educational Symposium and Celebration of Scholarship. Oct. 16, 2018, Ohio State University College of Medicine, Columbus, OH.

Poeppelman, R., Lutmer, J., **Heater, T.**, Coles, M., et al. Education for caregivers of tracheostomy patients- a needs assessment. Poster Presentation at: Fall Educational Symposium and Celebration of Scholarship. Oct. 18, 2016, Ohio State University College of Medicine, Columbus, OH. – Winner, best poster award.

Karsies, T., Rehder, K., **Heater, T.**, Shonk, A., Bishera, J. Oct. 2019. Faculty for simulation workshop, “Pediatric Mechanical Ventilation: Beyond the Basics.” 2019 CHEST International Annual Conference.

Poeppelman, R., Coles, M., **Heater, T.**, Vohsing, L., Lutmer, J., Maa, T. “Baseline Critical Care Staff Performance on Teaching Essential Tracheostomy Skills.” Abstract presented at the SCCM for the 2020 Critical Care Congress. Feb. 16, 2020, Orlando, FL.

Poeppelman, R., Coles, M., **Heater, T.**, Vohsing, L., Lutmer, J., Maa, T. Validity Evidence for Tracheostomy Skills Assessment Checklists.” Abstract presented at the SCCM for the 2020 Critical Care Congress. Feb. 16, 2020, Orlando, FL.

Coles, M., Asamo, S., Rey, E., **Heater, T.** A Novel Way to Make Learning Fun: Design and Simulate Your Own Life-Size Board Game. Oral presentation at the 12th International Pediatric Simulation Symposia Virtual, Oct. 26-28, 2020.

Coles, M., **Heater, T.**, Vohsing, L. Implementing a Bedside Task Training Cart to Prepare Caregivers and Staff to Care for Children with Tracheostomies. Oral presentation at the 12th International Pediatric Simulation Symposia Virtual, Oct. 26-28, 2020.

Heater, T., Shonk, A., Christman, J., Maa, T. Use of Mechanical Ventilation Simulation Cases to Assess Pediatric Respiratory Therapists Competency. Poster presentation at the 12th International Pediatric Simulation Symposia Virtual, Oct. 26-28, 2020.

Coles, M., **Heater, T.**, Vohsing, L. Perfect Practice Makes Perfect: On-demand, Bedside Task Training to Prepare Caregivers to Care for Children with Tracheostomies. Oral presentation at International Meeting on Simulation in Healthcare, Feb. 3, 2021, virtual meeting.

Vohsing, L., **Heater, T.**, Camacho, C. Behavioral Health Education, Above and Beyond! Recorded presentation at the International Meeting on Simulation in Healthcare, available for attendee viewing Jan. 19th – Mar. 31st, 2021.

Heater, T., Huenke, E., Wishloff, E., Camacho, C., Ryshen, G., Halling, C., Bapat, R., Rogers, T., Maa, T. One Team Collaboration to Reduce Neonatal Unplanned Extubations Using Diagnostic Simulation. Poster Presentation at the 13th International Pediatric Simulation Symposia Virtual, Sept. 17-19, 2021.

Heater, T., Coe, M., Firchau, G., Hillier, J., Coles, M., Camacho, C., Maa, T. Use of Simulation to Break Barriers and Create Communication Synergy Between Nurses and Physicians. Oral Presentation at the 13th International Pediatric Simulation Symposia Virtual, Sept. 17-19, 2021.

Karsies, T., Rehder, K., **Heater, T.**, Shonk, A., Oct. 2022. Faculty for simulation workshop, “Pediatric Mechanical Ventilation: Beyond the Basics.” 2022 CHEST International Annual Conference.

Emlet, L., Maa, T., Damri, K., **Heater, T.**, Arizmendez, N. “Practice How We Preach: Defusing Microaggressions in the Simulation Environment.” Virtual Pre-recorded Workshop. International Meeting on Simulation in Healthcare. Orlando, FL, Jan. 21-25, 2023.

Camacho, C., Coles, M., **Heater, T.**, Rey, E., Brophy, A. “It’s All Fun and Games in Simulation.” Workshop presentation. International Meeting on Simulation in Healthcare. San Diego, CA, Jan. 22, 2024.

Bhatnagar, S., Nelsen, A., Eisner, M., Coles, M., **Heater, T.**, Ostendorf, P. “Implementation and Education Outcomes of the American Association of Neuroscience Nurses Epilepsy Modules”. Poster Presentation at the American Epilepsy Society 2024 Annual Meeting, Dec. 6-10, 2024.

Coe, M, Miller, L, Brophy, A, **Heater, T.** “Let’s Chat: Using Simulation to Practice Effective Communication for Interprofessional Teams”. Oral Presentation. International Pediatric Simulation Symposia. Denver, CO, May 7-9, 2024.

Coe, M, Brophy, A, **Heater, T.**, Camacho, C. “The Art of Collaboration: How to Teach Teaming in Today’s Clinical Environment”. Oral Presentation. International Pediatric Simulation Symposia. Denver, CO, May 7-9, 2024.