

Amy Cowperthwait, M.S.N., RN, BC-ACNS  
110 Grove Mansion Way  
Bear, DE 19701  
cowper@udel.edu  
302-690-2893

**EDUCATION:**

2007-2010 University of Delaware, Newark, DE  
School of Nursing, Clinical Nurse Specialist Program  
Specialty Focus: Adult Health  
1988-1989 Cooper Hospital University Medical Center, Camden NJ  
Critical Care Nurse Internship  
BSN- 1987 University of Delaware, Newark, DE  
School of Nursing, Major: Nursing

**Current Licenses**

Registered Nurse- Delaware (compact state)  
Clinical Nurse Specialist- Adult Health Delaware

**Certifications:**

2013- Board Certified Adult Health Clinical Nurse Specialist  
1989- Present Pediatric Life Support  
1989- Present Advanced Cardiac Life Support  
1989- Present Basic Life Support

**Professional Affiliations:**

American Nurses Association  
National League for Nurses  
Alliance of Women Entrepreneurs  
Society for Simulation in Healthcare  
International Nursing Association for Clinical Simulation and Learning  
Association of Standardized Patient Educators

**Awards:**

2016- First Inaugural INACSL Hayden Vanguard Lectureship Award  
2015- Science Center, Philadelphia- \$ 175,000 award  
2015- Center for Applied Technology State Grant \$75,000 award  
2015- Hen Hatch Business Competition 1st Place \$16,000 award  
2015- Medical Devices Design Competition 1st Place  
2014- NLN Simulation Leadership Program  
2014- SSIH 1<sup>st</sup> Place technology Innovation- SimuTrach-(conference January 2015) 2012-  
Recipient of the CCHS Wall of Fame Award- "Most innovative educational program"

**Leadership:**

- 2017 Grown Avkin Team to 10 FTEs, 3 products being sold commercially and 2 in design phase.
- 2016 Lead QED Proof of Concept team resulting in \$175,000 grant, product beta testing, market analysis and translational research.
- 2015 Directed team of 4 individuals to initiate a start-up company and begin product development.
- 2015 Directed team of Nursing, Theatre, and Engineering students on clinical trial of SimUCath and SimUStick.
- 2014 Developed in collaboration with Theatre Department Advanced Healthcare Theatre course (first semester Fall 2014)
- 2014 Assumed responsibility of teaching over 140 students semester long didactic content
- 2014 Mentored team of Nursing (NURS362) and Engineering students on clinical trial of SimuTrach
- 2013 Cultivated and lead interprofessional team of nursing, theatre and Mechanical/Biomedical Engineering students & faculty to develop device that improves Healthcare Theatre simulation experiences.
- 2012 Developed cross-credited course curriculum for NURS/THEA 214 Healthcare Communications:UDSP.

2009-Present Developed and Co-Directed Healthcare Theatre Program- is a partnership between the College of Health Sciences and College of Arts and Science at the University of Delaware. The mission of this program is to provide realistic patient scenarios in a multitude of healthcare settings to cultivate opportunities for directed at the development of patient-centered care and interprofessional education. This is accomplished through utilization of live patients from the above mentioned course.

**Presentations:**

- 2016 International Meeting for the Society for Simulation in Healthcare- SimUStick
- 2016 International Meeting for the Society for Simulation in Healthcare-SimUCath
- 2015 NLN Technology Conference- Integrated review of low-cost standardized patient exemplars
- 2015 NLN Technology Conference- The best of both worlds: Standardized patients and technology
- 2015 Where is the Patients Voice Conference- A voice for the voiceless: Patient centered care in a simulated health care environment
- 2015 Where is the Patients Voice Conference SimUCare: Giving a voice to the voiceless
- 2015 International Meeting for the Society for Simulation in Healthcare- 1<sup>st</sup> place SimUTrach

- 2014 Simulation Can Foster Diversity Education in a Foundations Course International Nursing Association for Clinical Simulation and Nursing, Orlando, FL.
- 2014 2013 (April) Translating the Physiological Stress Response to Simulation Education. Saylor, J., Wilson, M., Cowperthwait, A., Williston, S., Kirschner, K., & Matt, K. S. 26<sup>th</sup> Annual conference of the Eas.
- 2013 Interprofessional Healthcare Education & Theatre: A Transformative Approach, Collaboration Across Borders, British Columbia, CA
- 2012 Healthcare Theatre: Transforming Interprofessional Education, Holy Family University, Philadelphia PA
- 2012 Healthcare Theatre: Breaking Down Silos: Thinking Outside the Barn, Lilly Conferences on College and University Teaching, Bethesda, MD
- 2012 2012 Simulation with a Twist on a Shoestring, UK Simulation in Nursing Education, Leeds, UK
- 2012 Healthcare Theatre: Transforming Interprofessional Education Inside the Simulation Studio, Villanova University, College of Nursing
- 2012 Healthcare Theatre: Transforming Interprofessional Education Inside the Simulation Studio, New York College of Osteopathic Medicine
- 2012 Healthcare Theatre: Transforming Nursing Education Jean Brown Research Conference- Sigma Theta Tau International Chapters: Xi Delta & Delta Tau- Nursing Honor Society
- 2011 Recruitment, Hiring and Maintenance of Standardized Patients, Association of Standardized Patient Conference

**Accepted Abstracts:**

- Bucha, A., Cowperthwait, A., Boyle, T., D'Occhio, V., Tuano, A., Cooper, R., Tang, N., & Buckley, J. (2015). SimUCath: Striving for urinary catheter excellence. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*. 10(6): 392-485.
- Bucha, A., Cowperthwait, A., Lord, D., Tuhacek, J., & Buckley, J. (2015). SimUStick: Wearable intravenous injection simulator. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*. 10(6): 392-485.
- Cowperthwait, A., (2015). The Best of Both Worlds: Standardized Patients and Technology. Poster accepted NLN Technology Conference
- Cowperthwait, A., (2014). Tracheostomy care overlay system an effective learning device allowing for the use of live patients. *Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*. 9(6):482-483.
- Schmidt, L., Manal, T., Cowperthwait, A., Carlson, A., & Wruble-Hakim, E. Simulation as a collaborative educational exercise for nursing, physical therapy, and theatre students. Poster presented as a part of the 4<sup>th</sup> International Nursing Conference 2012.
- Baker, A., Carlson, A., Collins, M., Cowperthwait, A., Dressler, R., Salam, T., & Zern, S. Interprofessional training utilizing a standardized adaptive clinical encounter. Poster accepted as a part of the 2012 Alliance of Independent Academic Medical Centers.
- Cowperthwait, A., Saylor, J., & Carlson, A. Healthcare Theatre: Breaking Down Silos--Thinking Outside the Barn. Poster accepted for 2012 Annual Lilly Conference on College and University Teaching.

## **MENTOR**

2013 Bridget Remel BSN, RN (CNS) student, University of Delaware, SON  
2012 Heiddy DiGregorio RN, MSN (CNS) student, University of Delaware, SON  
2011 Sharon Mawa RN, MSN (CNS) student, University of Delaware, SON  
2011 David Low RN, MSN (nurse educator) student, Wilmington University, SON  
2010 Cheryl Muffley RN, MSN (nurse educator) student, Wilmington University, SON

## **RESEARCH/ SCHOLARSHIP**

2016 Translational Research: Comparing bedside stress resilience of undergraduate nursing students and novice nurses using 2 different educational andragogy. **Funded 175,000**

2015 Building a Pipeline of Simulation Technology. State of Delaware/ Delaware Biotechnology Institute grant. **Funded 75,000**

2013 “Integrating Technology and Healthcare Theatre Program to Transform Education in the Classroom”. University of Delaware Center for Teaching and Assessment of Learning (CTAL) and IT Academic Technology Services (ATS). PI [CO-Is: Judith Herrman, Karen Avino, Dave Edwards, Amy Cowperthwait, & Allan Carlsen]. **Funded 24,000.**

2013 “Interprofessional Collaboration: Improving Palliative Care through Simulation”. PRINCIPAL INVESTIGATOR. [CO-PIs T. Salam & A. Cowperthwait]. **Self-funded.**

2013 “Interprofessional Collaboration: Transformative Change from the Classroom to Practice”. PRINCIPAL INVESTIGATOR. [CO-PIs A. Baker, T. Salam, & A. Cowperthwait]. **Self-funded**

2013 Evaluating the Impact of Interprofessional Education Nursing/Nutrition/Physical Therapy Students, unfunded, mentoring 4 undergraduate nursing students through research process, fall 13.

2013 Using Healthcare Theatre as a cultural diversity teaching modality, unfunded, mentoring 4 undergraduate nursing students through research process 2 semesters spring and fall 13.

## **PUBLICATIONS:**

1. Cowperthwait, A., Saylor, J., Carlsen, A., Schmitt, L. A., Salam, T., Melby, M. K., & Baker, S. D. (2015). Healthcare theatre and simulation: Maximizing interprofessional partnerships. *Clinical Simulation in Nursing*, (accepted for publication) <http://dx.doi.org/10.1016/j.ecns.2015.05.005>.
2. Cowperthwait, A. L., Campagnola, N., Doll, E. J., Downs, R. G., Hott, N. E., Kelly, S. C., Montoya, A., Bucha, A. C., Wang, L., & Buckley, J. M. (2015). Tracheostomy overlay system: An effective learning device using standardized patients. *Clinical Simulation in Nursing*, 11(5), 253-258. <http://dx.doi.org/10.1016/j.ecns.2015.03.001>.

3. Diefenbeck, C., Herrman, J., Wade, G., Hayes, E., Voelmeck, W., Cowperthwait, A., & Norris, S. (2014) Preparedness for clinical: Evaluation of the core components of the Clinical Immersion Model. *Journal of Professional Nursing*, 31(2), 124-132.
4. Cowperthwait, A., Saylor, J., Carlsen, A., Schmitt, L. Salam, T., Melby, M., Baker, S. (under 4<sup>th</sup> review). Healthcare Theatre and simulation: Maximizing interprofessional partnerships, *Clinical Simulation in Nursing*.
5. Cowperthwait, A., Saylor, J., Schell, K. (2013). Healthcare Theatre: A unique simulation partnership. *Clinical Simulation in Nursing Journal*, 1(2013): e6.
6. Saylor, J., Wilson, M., Cowperthwait, A., Williston, S., Kirschner, K., & Matt, K. S. (2013). Stress during simulation: How are we addressing the barrier? Nurse Educator, in review.
7. Saylor, J., Cowperthwait, A., & Rodriguez, C. (2013). Transferring simulation into clinical practice: A psychosocial nursing exemplar. In Capputi, L (Ed.), *Innovations in Nursing Education: Building the Future of Nursing*(159-164). Philadelphia: Wolters Kluwer,

**CURRENT POSITION:**

2015-CEO for Avkin Inc.

2011-Present Faculty at University of Delaware School of Nursing- College of Health Science  
Job Title for Joint Appointment: Live Simulated Patient Educator and Adult Health Simulation  
Lab Coordinator University of Delaware School of Nursing Newark, DE

2006-2011 Previous Position for University of Delaware: STAFF POSITION: ADULT HEALTH  
SIMULATION LABORATORY COORDINATOR

**Clinical Positions Held:**

2000-2010 Justi Corp Agency Nurse Emergency Department, Paoli, PA

2004-2006 Christiana Care Emergency Department, Staff Nurse Wilmington, DE

1990-2000 Cooper Hospital University Medical Center Emergency Department Staff/ Charge  
Nurse, Camden, NJ

1987-1989 St. Francis Hospital Staff Nurse, M/S, ED Wilmington, DE