

Amy Cowperthwait RN, MSN, BC-ACNS, CHSE-A
Curriculum Vitae
Bear, Delaware 19701
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EDUCATION:

GRADUATE

University of Delaware	MSN, CNS	02/2010
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UNDERGRADUATE

University of Delaware	BSN	05/1987
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FURTHER EDUCATION:

National League for Nurses Simulation Leader		2015
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LICENSURE, CERTIFICATION, SPECIALTY BOARD STATUS:

Certified Healthcare Simulation Educator - Advanced	2021- Present
Certified Healthcare Simulation Educator	2018- Present
Clinical Nurse Specialist - Adult Health	2010- Present

CURRENT POSITIONS:

2016-Present Founder and CEO, Avkin Inc.

PREVIOUSLY HELD POSITIONS:

2015-2022	Joint Appointment SON & CHS: Director of Healthcare Theatre
2011- 2022	Associate Faculty at University of Delaware School of Nursing
2006-2011	University of Delaware: Skills and Simulation Lab Coordinator
2000-2010	Justi Corp Agency Nurse Emergency Department, Paoli, PA
2004-2008	Christiana Care Emergency Department, Staff Nurse Wilmington, DE
1990-2000	Cooper Hospital Univ. Med. Center ED Staff/ Charge Nurse, Camden, NJ
1987-1989	St. Francis Hospital Staff Nurse, M/S, ED Wilmington, DE

PROFESSIONAL ORGANIZATIONS:

Organization	Inclusive Dates
Society of Nurse Scientists, Innovators, Entrepreneurs and Leaders	2020-Present
International Nursing Organization for Clinical Simulation and Learning	2008-Present
Invited Standards of Best Practice Committee- SPs	2018-2019
Society for Simulation in Healthcare	2010-Present
Serving on Marketing and Communications Committee	2021
Healthcare Simulation Week Lead	2022
Association for Standardized Patient Educators	2014-Present
Invited Standards of Best Practice Committee	2018-2020
American Nurses Association	2018-Present
American Organization of Nurse Leaders	2019-Present

PROFESSIONAL HONORS AND AWARDS:

TEACHING

<u>Award Name</u>	<u>Granted by</u>	<u>Date Awarded</u>
Hayden Vanguard Lectureship Award	INACSL	2016

RESEARCH

<u>Award Name</u>	<u>Granted by</u>	<u>Date Awarded</u>
1st Place Medical Devices Design Competition	Univ. of MN	2016
1st Place Technology and Innovation	SSiH	2015

SERVICE

<u>Award Name</u>	<u>Granted by</u>	<u>Date Awarded</u>
Carol Ammon Innovator Award	University of Delaware	2023
Blue Hen 17 & 43 Most Promising Blue Hen	University of Delaware	2018
Blue Hen 17 & 43 Most Promising Venture Aware	University of Delaware	2017
Best University Startup	NCETT- Federal Award	2016
Blue Hen 17 & 43 Most Promising Venture Aware	University of Delaware	2022

RESEARCH/CREATIVE ACTIVITY:

AWARDED GRANTS/FELLOWSHIPS

<u>Title/Award number</u>	<u>Granting Agency</u>	<u>Award Amount</u>
Delaware Edge Grant	State of Delaware	100,000
STTR- Air Force	National Science Foundation	25,000
Proof of Concept Grant	Horn Program UD	75,000
I-Corps (2)	National Science Foundation	22,500
QED	Science Center Philadelphia	175,000
Building a Pipeline of Simulation Tech.	DBI	75,000

RESEARCH ACTIVITIES

<u>Title</u>	<u>Collaborators</u>	<u>Outcomes</u>
Comparing resilience of nursing students	Johns Hopkins/VA Durham	2021

PRINT AND/OR ELECTRONIC PUBLICATIONS:

Refereed Data Based

1. **Cowperthwait, A.**, Graber, J., Carlsen, A., Cowperthwait, M., & Mekulski, H. (2021). Innovations in virtual education for clinical and simulation learning. *Journal of Professional Nursing*, 37(5), 1011-1017.
2. **Cowperthwait, A.** (2020). NLN/Jeffries Simulation Framework for simulated participant methodology. *Clinical Simulation in Nursing*, 42(C) 12-21.
<https://doi.org/10.1016/j.ecns.2019.12.009>
3. Sanko, J. S., Schneidereith, T., **Cowperthwait, A.**, & Onello, R. (2019). Findings from a human roles terminology survey: consensus or chaos?. *BMJ Simulation and Technology Enhanced Learning*, bmjstel-2018.

4. Bucha, A, Devenny, A., Lord, D., Matthews, J., Tuhacek, J., Vitlip, J., Zhang, M., ... & **Cowperthwait**, A. (2018). Avstick: An Intravenous Catheter Insertion Simulator for Use with Standardized Patients. *Nursing education perspectives*, 39(2), 102-104.
5. Saylor, J., Vernoooy, S., Selekman, J., & **Cowperthwait**, A. (2016). Interprofessional education using a palliative care simulation. *Nurse educator*, 41(3), 125-129.
6. 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*, 11(9), 411-420. <http://dx.doi.org/10.1016/j.ecns.2015.05.005>.
7. 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>.
8. Salam, T., Saylor, J. L., & **Cowperthwait**, A. L. (2015). Attitudes of nurse and physician trainees towards an interprofessional simulated education experience on pain assessment and management. *Journal of interprofessional care*, 29(3), 276-278.
9. Cowperthwait, A., Saylor, J., & Schell, K. (2014). Healthcare theatre: A unique simulation partnership. *Clinical Simulation in Nursing*, 10(1), e41-e46.
10. 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.
11. Saylor, J., **Cowperthwait**, A., & Rodriguez, C. (2013). Transferring simulation into clinical practice: A psychosocial nursing exemplar. In Caputi, LEd.), *Innovations in Nursing Education*

PUBLISHED ABSTRACTS (in public domain)

1. 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.
2. 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.
3. Cowperthwait, A., (2015). The Best of Both Worlds: Standardized Patients and Technology. Poster accepted NLN Technology Conference
4. 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.
5. 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 4th International Nursing Conference 2012.
6. 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.
7. 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.

OTHER:

CHAPTER REVIEWS

National League for Nurses Simulation Book -Debriefing Ch. 4

BOOK CHAPTER

Cowperthwait, A., Herrington, A., Anderson, K., Weldon, M. (2021). Task Trainer. In Maxworthy, J. C., Epps, C. A., Okuda, y., & Mancini, M. E., & Palaganas, J. C., (Eds.), *Defining excellence in simulation programs*. Lippincott Williams & Wilkins.

PUBLICATIONS FEATURING DEVELOPED SP PROGRAM

1. Dempsey, C. (2018). The Antidote to suffering: How compassionate connected care Can improve safety, quality, and experience. New York: McGraw Hill Publications. Ch. 7 features Healthcare Theatre.
2. Holtschneider, M (2017). Expanding the fidelity of standardized patients in simulation by incorporating wearable technology. *Journal for Nurses in Professional Development*, 33(6) 320-321. <http://dx.doi.org10.1097/NND.0000000000000391> Editorial article features work on wearable simulators.

PATENTS- Wearable Simulators

UD14-07	9,721,483	US Utility	9/22/14	8/1/17	ACTIVE
	10,373,527	US Cont.	7/27/17	8/6/19	ACTIVE
	10.540,911 B2	US Utility	11/16/15	1/21/20	ACTIVE
*UD15-09	16/693,833	US Divisional	11/25/19	4/16/20	PEND.
	2,968,227	Canada	11/16/15	5/26/16	ACTIVE
	*15861965.0	Europe	11/16/15	PUB 5/26/16	PUBLISHED

*EPO intends on granting

TEACHING:

UNDERGRADUATE

<u>Course #</u>	<u>Short Title</u>	<u>Format</u>	<u>Role</u>	<u>Term</u>	<u>Enrollment</u>
HLTH/THEA 214	Healthcare Communication	Hybrid	Faculty	F & S 2014-2022	
HLTH/THEA 367	Adv, HC Comm. (exploratory)	Hybrid	Faculty	F & S 2016-2022	
NURS235	Health, Vulnerability, & Div.	In Person	Faculty	F & S 2014-2015	

SERVICE:

PROFESSIONAL SERVICE:

NATIONAL

<u>Organization</u>	<u>Activity</u>	<u>Dates</u>
Sam Houston University	Year long SP program mentorship	2022-3
San Jose State University	Year long SP program mentorship	2022-3
Ridgewater University	Writing SP Simulations	2022
Blinn College	Consulting for building an SP Course	2020

University of TN- Chattanooga	Consulting for building an SP Course	2019
University of Michigan SON	Consulting for building an SP Course	2018-2019

INTERNATIONAL

<u>Organization</u>	<u>Activity</u>	<u>Dates</u>
IQTAN Simulation Center - Qatar	Consulting-Integr. SPs into PD	02/2020

PROFESSIONAL ACTIVITIES:

<u>ENTREPRENEURIAL ACTIVITIES</u>	<u>Date</u>
CEO Avkin Inc.	2016-Present

<u>PEER REVIEW ACTIVITIES</u>	<u>Date</u>
Sage Open Nursing Journal	2021
Journal of Professional Nursing	2018-Present
Clinical Simulation in Nursing	2018-Present

INVITED PRESENTATIONS – REFEREED

NATIONAL

<u>Title</u>	<u>Organization</u>	<u>Date</u>
Keynote	Connecticut League for Nursing	2022
Invited Endnote	Ohio Consortium of Nursing Learning Labs Conference	2021
Panelist	Philadelphia Area Simulation Consortium	2021
Session Presenter	Philadelphia Area Simulation Consortium	2021
Presenter	Sigma Annual Conference	2021
Invited Keynote	Iowa Simulation Alliance Annual Conference	2020
Plenary Address	NE Healthcare Simulation Con. Reg. Conf.	2020
Invited Keynote	South Carolina Nurse Simulation Alliance Annual Conf.	2019
Invited Keynote	Minnesota Regional Simulation Alliance Annual Conf.	2018

INTERNATIONAL

<u>Title</u>	<u>Organization</u>	<u>Date</u>
Bringing learning to Life: SP Sustain.	Inter. Meeting for Sim. in Healthcare	2021
Lessons Learned from Sim. Entre.	Inter. Meeting for Sim. in Healthcare	2020
Basics the SP Methodology	Sim One Pre Conference Calgary Canada	2019

INVITED PRESENTATIONS – NON-REFEREED

NATIONAL*

<u>Title</u>	<u>Organization</u>	<u>Date</u>
*Arts and Health Summit	Belmont University	3/2023
Healthcare Simulation Conference	Mayo Clinic	3/2023
Compassionate Connected Care	St. Louis Simulation Interest Group	2022
*Marrying Sim. Theory & SP SOBP	Kentucky Simulation Alliance	2022
*SP Methodology Unpacked	Inland Empire	2022
*Simulation & Compassion	Florida ANPD	2022
Introduction to SP Methodology	Framingham University	2022
*Simulation Credentialing and SOBP	Inland Empire Nursing Consortium	2022
Simulation Unpacked	Arizona Board of Nursing	2021

*Essentials- Starting an SP Course	Middle Georgia State University	2020
*Best Practices with SP's	Concorde College- Garden Grove	2020
*Educating SPs	St. Petersburg College of Nursing	2020
*Impact of Simulation on Millennials	Fresno State College	2018
*Best Practices with SP's	Virtua Health System SP Workshop	2019
*Essentials- Starting an SP Course	Baylor University SP Workshop	2019
*Leading Through Adversity	HSHS Sacred Heart SP Workshop	2019

CV Truncated - Invited Keynotes denoted with *

INTERNATIONAL

<u>Title</u>	<u>Organization</u>	<u>Date</u>
Interview with Amy Cowperthwait	The Sim Cafe	2022
Partnerships with Purpose	Lifecast/ Avkin/ I Simulate Webinar	2022
Post-Plastic Era in Simulation	Healthy Simulation Webinar	2022
SP Methodology 101	Healthy Simulation Webinar	2021
Innovations through the Pandemic	Nurse Keith Podcast	2021
Innovations in Education	Global Healthcare Leadership Conference	2021
Best practices with SP Methodology	IQTAN Doha, Qatar	2020