

Amanda M. Dexter

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certifications

NRP (American Heart Assoc.)

BLS (American Heart Assoc.)

ACLS (American Heart Assoc.)

PALS (American Heart Assoc.)

Certified Respiratory Therapist

Registered Respiratory Therapist

Certified Healthcare Simulation Educator

Quality Matters Certification

MasterScreen SeS PFT Pro Onsite Operator Certificate

experience

- **MSRC Program Director:** Jacksonville University ● Jacksonville, FL Nov. 2021- Current
 - Design, develop, & teach respiratory-related curriculums to graduate students
 - Present at state/national conferences on respiratory-related content
 - Serve on community, university, and department led committees
 - Reviews applications, admits new students, & completes graduation audits
 - Provides academic advising
- Oversees development of new courses, changes in program requirements, & revisions of catalog
- Coordinates with faculty on SLO and curriculum map development & completes annual report
 - Coordinates program orientation, advisory board, & recruitment efforts
 - Completes self-study as a requirement of CoARC accreditation

- **BSRT Program Coordinator:** UNC Charlotte ● Charlotte, NC Aug. 2018-Dec. 2021
 - Reviews applications, admits new students, & completes graduation audits
 - Provides academic advising
- Oversees development of new courses, changes in program requirements, & revisions of catalog
- Coordinates with faculty on SLO and curriculum map development & completes annual report
 - Ex officio member of KNES Undergraduate Committee
 - Coordinates program orientation, advisory board, & recruitment efforts
 - Completes self-study as a requirement of CoARC accreditation

- **Clinical Assistant Professor:** UNC Charlotte ● Charlotte, NC Aug. 2016-Current
 - Design, develop, & teach respiratory-related curriculums to undergraduate students
 - Present at state/national conferences on respiratory-related content
 - Serve on community, university, and department led committees

- **Clinical Educator:** IngMar Medical, Ltd. ● Pittsburgh, PA 2013-2016
 - Designed & developed training materials that enhanced the level of proficiency with the products
 - Designed, developed, & delivered training for ventilator management topics using products
 - Designed, developed with subject matter experts, & delivered clinical simulation modules

- Designed, developed, & delivered clinical simulation webinars
- Designed, developed, & conducted mechanical ventilation simulation workshops

Respiratory Therapist: Rush University Medical Center ● Chicago, IL 2011-2013

- Set up respiratory and related equipment on the general medical floors/ICUs
 - Provided well-defined therapeutic techniques
 - Performed respiratory assessments
 - Managed mechanically ventilated patients

Global Medical Brigader: Temporary Clinics ● Tegucigalpa, Honduras 2008-2011

- Set up temporary clinics where patients received medical treatment free of charge
- Performed intake, triage & consultation techniques, shadowed doctors, & filled prescriptions

Graduate Medical Education Intern: Carle Foundation Hospital ● Urbana, IL 2010

- Attended management meetings presented by the directors of the four residency programs
 - Assisted with daily projects

Pediatrics Floor Volunteer: Carle Foundation Hospital ● Urbana, IL 2010

- Cleaned patient rooms and assisted with nursing duties
 - Restocked nurses' equipment
 - Interacted with patients

education

Master's Degree: Respiratory Care

Rush University, Chicago Illinois

Respiratory Care Student Government COO- January 2012

Student Government Association Chairs Council Representative- September 2012

Bachelor's Degree: Community Health-Health Education

The University of Illinois at Urbana-Champaign, Urbana-Champaign Illinois

Australia Exchange Award- February 2009

Phi Delta Epsilon Medical Fraternity Service Officer-January 2008

Alpha Gamma Delta Sorority Vice President- January 2008

National Society of Collegiate Scholar Award- February 2007

credentials

Registered Respiratory Therapist (RRT) # 136357

North Carolina State License (RCP) # A-8540

Certified Healthcare Simulation Educator (CHSE)

professional affiliations

The Lambda Beta Society 2020-Present

Veterinary Emergency & Critical Care Society 2018-Present

NC Association for Respiratory Educators 2017-Present

American College of Chest Physicians 2017-Present

CoBGRTE 2017-Present

North Carolina Society for Respiratory Care	2016-Present
North Carolina Respiratory Care Board	2016-Present
Pennsylvania Society for Respiratory Care	2013-2016
Illinois Society for Respiratory Care	2011-2013
Society for Simulation in Healthcare	2013-Present
American Association for Respiratory Care	2011-Present
The National Board for Respiratory Care	2011-Present

professional board positions

The Lambda Beta Society Executive Board 2020-Present
 NCSRC Secretary 2019-2020
 NCSRC Board of Director-West 2017-2019

professional committees

NCSRC Nominations & Elections Committee 2021-Present
 NCSRC Program & Education Committee 2021-Present
 The Lambda Beta Society Marketing Committee 2020-Present
 ACCP Mechanical Ventilation Domain Task Force 2020-Present
 NCSRC Awards & Scholarships Committee 2019-Present
 NCSRC Bylaws/Standing Rules Committee 2019-Present
 NCSRC Education Needs Survey Adhoc Committee 2018-2019
 NCRCB Adhoc Committee for Advanced Practice 2017-2018
 Allied Health Regional Skills Partnership Summit Planning Committee 2016-2018
 NCSRC Communications/Publications Committee 2016-2018
 NCSRC Public Relations Committee 2016-2018

professional lecture/simulation invitations

ACCP Mechanical Ventilation: Advanced Critical Care Management Course, Glenview IL. June 18-19, 2021. *Fix the Ventilator.*

NCSRC Annual Symposium, virtually via Zoom (due to COVID-19). September 16, 2020. *Demystifying Pulmonary Function Tests: Loop by Loop.*

CHEST Annual Meeting, virtually via Zoom (due to COVID-19). October 21, 2020. *Ventilator Graphics.*

ACCP Mechanical Ventilation: Advanced Critical Care Management Course, Glenview IL. February 27, 2020. *Fix the Ventilator.*

3rd Annual Cardiopulmonary Boot Camp- Cornell University, Ithaca NY. October 23-25, 2019. *Cardiopulmonary Crises.*

3rd Annual Cardiopulmonary Boot Camp- Cornell University, Ithaca NY. October 23-25, 2019. *Advanced Ventilator Simulations.*

3rd Annual Cardiopulmonary Boot Camp- Cornell University, Ithaca NY. October 23-25, 2019. *Basic*

Ventilator Simulations.

CHEST Annual Meeting, New Orleans LA. October 18-22, 2019. *Fix the Ventilator.*

CHEST Annual Meeting, New Orleans LA. October 18-22, 2019. *PAV and NAVA.*

CHEST Annual Meeting, New Orleans LA. October 18-23, 2019. *Mechanical Ventilation Management-Fellows Course.*

Respiratory Care Journal Conference, St. Petersburg FL. June 10-11, 2019. *Ventilator Graphics: Scalars, Loops, & Secondary Measures.*

ACCP Mechanical Ventilation: Advanced Critical Care Management Course, Glenview IL. February 28-March 2, 2019. *The Ventilation Discontinuation Process.*

ACCP Mechanical Ventilation: Advanced Critical Care Management Course, Glenview IL. February 28-March 2, 2019. *Fix the Ventilator.*

2nd Annual Cardiopulmonary Boot Camp- Cornell University, Ithaca NY. October 23-27, 2018. *Cardiopulmonary Crises.*

2nd Annual Cardiopulmonary Boot Camp- Cornell University, Ithaca NY. October 23-27, 2018. *Advanced Ventilator Simulations.*

2nd Annual Cardiopulmonary Boot Camp- Cornell University, Ithaca NY. October 23-27, 2018. *Basic Ventilator Simulations.*

CHEST Annual Meeting, San Antonio TX. October 5-10, 2018. *PAV and NAVA.*

CHEST Annual Meeting, San Antonio TX. October 5-10, 2018. *Fix the Ventilator.*

IVECCS Symposium, New Orleans LA. September 14-17, 2018. *Ventilator Prelab.*

IVECCS Symposium, New Orleans LA. September 14-17, 2018. *Fix the Ventilator.*

18th Annual Triad Cardiopulmonary Conference, Winston-Salem NC. April 11, 2018. *Patient Ventilator Interactions.*

32nd Annual High Country Conference, Hickory NC. February 22, 2018. *Adult/Pediatric-Ventilator Workshop.*

ACCP Mechanical Ventilation: Advanced Critical Care Management Course, Glenview IL. February 16, 2018. *Adjuncts to Mechanical Ventilation.*

ACCP Mechanical Ventilation: Advanced Critical Care Management Course, Glenview IL. February 14-16, 2018. *Fix the Ventilator.*

CHEST Annual Meeting, Toronto Canada. October 28-November 1, 2017. *Fix the Ventilator*.

CHEST Annual Meeting, Toronto Canada. October 28-November 1, 2017. *Ventilator Emergencies: "What the Heck is Going on?"*.

ACCP Mechanical Ventilation: Advanced Critical Care Management Course, Glenview IL. July 29, 2017. *Adjuncts to Mechanical Ventilation*.

ACCP Mechanical Ventilation: Advanced Critical Care Management Course, Glenview IL. July 28-30, 2017. *Fix the Ventilator*

17th Annual Triad Cardiopulmonary Conference, Winston-Salem NC. April 5, 2017. *Simulate Towards Success*.

31st Annual High Country Conference, Blowing Rock NC. February 17, 2017. *APRV: Sometimes You Just Gotta Let Them Breathe*.

research publications

Powers, K., Neustrup, W., Thomas, C., Saine, A., Sossoman, L.B., Ferrante-Fusili, F.A., Ross, T.C., Clark, K., & **Dexter, A.** (2020). Baccalaureate nursing students' experiences with multi-patient, standardized patient simulations using telehealth to collaborate. *Journal of Professional Nursing*, DOI: 10.1016/j.profnurs.2020.03.013.

Powers, K., Neustrup, W., Sossoman, L.B., **Dexter, A.**, Clark, K., Ferrante-Fusili, F.A., Ross, T.C., Thomas, C., & Saine, A. (2020). Simulations using telehealth to collaborate with other health-care professionals: Effect on pre-licensure nursing students' competencies and amount of collaboration in the clinical setting. *Journal of Interprofessional Care*, 1-8.

Dexter, A., & Clark, K. (2020). Ventilator graphics: Scalars, loops, & secondary measures. *Respiratory Care*, 65(6), 739-759.

Dexter, A., & Scott, J.B. (2019). Airway management and ventilator-associated events. *Respiratory Care*, 64(8), 986-993.

Dexter, A., McNinch, N., Kaznoch, D., & Volsko, T.A. (2018). Validating lung models using the ASL 5000 breathing simulator. *Simulation in Healthcare*, 13(2), 117-123.

reviewer for professional journals

- *Respiratory Care*

scholarly works

Dexter, A. (2020). Cardiovascular monitoring. *Equipment for respiratory care* (Chapter 11). Burlington, MA: Jones & Bartlett Learning.

Dexter, A. (2019). Neonatal and pediatric pulmonary disorders. *Comprehensive respiratory diseases*

(Chapter 24). Burlington, MA: Jones & Bartlett Learning.

Dexter, A. (2018). Congenital disorders of the respiratory system in the neonate. *Neonatal pediatric respiratory care* (Chapter 9). Burlington, MA: Jones & Bartlett Learning.

grants/funding

Dexter, A., & Ring, B. (2019). *Undergraduate digital research conference: Digital learning*, University of North Carolina System; Undergraduate Research Program \$15,340.00 (proposal rejected)

Gordon, S., **Dexter, A.**, Inabnit, L., & Moore-Harrison, T. (2017). *Enhancing course formats to serve partway home and other non-traditional students*, University of North Carolina- General Administration; Executive Director for Operations & Administration \$8,000.00 (funded)

professional newspaper articles

Dexter, A. (2018). RT Graduate School Alumni Profile. *The Coalition Chronicle*. Retrieved from <https://www.csrc.org/resources/Documents/CoBGRTE%20Chronicle/The%20Coalition%20Chronicle%2011-29-18.pdf>

research poster presentations

Hinton, A., **Dexter, A.**, Lavis, A., Loman, B., Mitchell, B., et al. (2019, February). *Blood pressure changes at Bette Rae Thomas Recreation Center health assessments*. Poster presented at the Annual Southeast American College of Sports Medicine Regional Conference, Greenville, SC.

Hinton, A., **Dexter, A.**, Lavis, A., Loman, B., Mitchell, B., et al. (2019, February). *Relationship between exercise class participation and improvement in cholesterol levels in older adults*. Poster presented at the Annual Southeast American College of Sports Medicine Regional Conference, Greenville, SC.

Hinton, A., **Dexter, A.**, Lavis, A., Loman, B., Mitchell, B., et al. (2019, February). *Lipid profile and HbA1c vary across age groups in active older adults*. Poster presented at the Annual Southeast American College of Sports Medicine Regional Conference, Greenville, SC.

Hinton, A., **Dexter, A.**, Lavis, A., Loman, B., Mitchell, B., et al. (2018, February). *Blood profile across our community: Recreation/senior centers*. Poster presented at the Annual Southeast American College of Sports Medicine Regional Conference, Chattanooga, TN.

Munchel, C., Belt, W., **Dexter, A.**, French, E., Gooden, J., Hinton, A., Joyner, J., Lavis, A., et al. (2018, February). *Blood pressure, oxygen saturation and heart rate across the community: A starting point*. Poster presented at the Annual Southeast American College of Sports Medicine Regional Conference, Chattanooga, TN.

Hinton, A., King, A., Lavis, A., Ash-Shakoor, J., Belt, W., **Dexter, A.**, Gibson, E., Lavis, A., et al. (2018, February). *Tracking blood profiles for repeat participants across older adults of Mecklenburg county: A 10-Month Study*. Poster presented at the Annual Southeast American College of Sports Medicine Regional Conference, Chattanooga, TN.

Gooden, J., Joyner, J., Mills, J., Hinton, A., Belt, W., Belt, W., Munchel, C., Thibault, K., French, E., Mitchell, B., Loman, B., Lavis, A., **Dexter, A.**, et al. (2017, April). *Tracking risk factors in older adults of Mecklenburg county*. Poster presented at the UNC-Charlotte Undergraduate Research Conference, Charlotte, NC.

Mitchell, B., Joyner, J., Mills, J., Hinton, A., Belt, W., Munchel, C., Thibault, K., French, E., Gooden, J., Loman, B., King, I., Lavis, A., **Dexter, A.**, et al. (2017, April). *Identifying risk factors in older adults of Mecklenburg county*. Poster presented at the UNC-Charlotte Undergraduate Research Conference, Charlotte, NC.

Grant, A., **Dexter, A.**, Grey, S.F., & Volsko, T.A. (2013, December). *Laboratory investigation of 4 portable ventilators using pediatric and infant lung models*. Poster presented at the American Association of Respiratory Care Congress, Las Vegas, NV.

Dexter, A., Grant, A., Grey, S.F., & Volsko, T.A. (2013, December). *The use of the ASL 5000 to validate pediatric and neonatal normal and disease state lung models*. Poster presented at the American Association of Respiratory Care Congress, Las Vegas, NV.

inventions/patents

Frembgen, S. & Dexter, A. (2016). *Suction Simulation System*. United States Patent No. 504003492 (Reel 39721, Frames 518-522). Retrieved from United States Patent & Trademark Office.

teaching experience

Human Anatomy & Physiology for Health Professions (KNES 2168)
Human Anatomy & Physiology for Health Professions Laboratory (KNES 2168L)
Human Anatomy & Physiology for Health Professions II (KNES 2169)
Healthcare Ethical Issues in Respiratory Therapy Practice (RESP 3099)
Leadership & Professionalism in Respiratory Therapy (RESP 3101)
Cardiopulmonary Pharmacotherapy I (RESP 3203)
Advanced Cardiopulmonary Physiology (RESP 3204)
Patient Education & Disease Management for the Respiratory Therapist (RESP 4105)
Teaching Fundamentals & Clinical Education for the Respiratory Therapy (RESP 4107)
Respiratory Therapy Capstone (RESP 4111)
Adult Critical Care Pathophysiology (RESP 4204)
Health Communications: Ethical & Legal Implications (RESP 4206)
Information Technology in Respiratory Care (RESP 4205)
Health Communications: Ethical & Legal Implications (RESP 4206)
Advanced Ventilation Application & Monitoring (RESP 6106)
Specialty Credential Exam Preparation (RESP 6801)

teaching certificates

Teaching and Learning Essentials- UNC Charlotte Center for Teaching & Learning 2018
Applying the Quality Matters Rubric (APPQMR)- Quality Matters 2017
Designing Your Online Course (DYOC)- Quality Matters 2017
MasterScreen SeS PFT Pro Onsite Operator Certificate- Vyair Medical 2016

faculty advising

Jones, R. (2018). *Flatlining: An Investigation of My Collegiate Near-Death Experiences*. UNC Charlotte

University Honors Portfolio Project.

faculty committees

CHHS College Review Committee UNCC-College 2021-Present
CHHS Internationalization Committee UNCC-College 2020-Present
Faculty Search Committee UNCC-Unit 2020-201
Faculty Search Committee UNCC-Unit 2020
KNES Sunshine Committee-Chair 2019-Present
CHHS Distance Education Hub 2019-Present
Staff Search Committee UNCC-College 2019-2020
Faculty Search Committee UNCC-Unit 2018-2019
Faculty Search Committee UNCC-Unit 2018-2019
KNES Undergraduate Curriculum Committee UNCC-Unit 2018-Present
NC Science Festival Planning Committee UNCC-College 2018-Present
CHHS Scholarship Committee Alternative UNCC-College 2018-Present
Technology Portfolio Committee UNCC-University 2018-Present
KNES Research Promotion and Seminar Committee UNCC-Unit 2017-2019
KNES External Communications Committee UNCC-Unit 2017-2019
Faculty Information & Technology Services Advisory Committee UNCC-University 2017-2019
Faculty Search Committee UNCC-Unit 2016-2017
CHHS Continuing Education Committee UNCC-College 2016-2018
CHHS Simulation Committee UNCC-College 2016-2018
Global Medical Brigades Faculty Advisor UNCC-University 2016-Present
BSRT Advisory Board UNCC-Unit 2016-Present

community engagement

Cabarrus Colleges of Health Sciences Respiratory Therapy Advisory Board 2021-Present
IngMar Medical Advisory Board 2019-2021
UNC Charlotte NDSS Advisory Board 2019-2021
CPCC Respiratory Therapy Advisory Board 2018-2020
UNC Charlotte Global Business Brigades 2018-Present
UNC Charlotte MedCamp 2017-Present
UNC Charlotte Health Risk Assessment Program 2016-2020
UNC Charlotte Global Medical Brigades 2016-Present
Carolinas College of Health Sciences- Pulmonary Fellows Training 2016-Present
Carolinas College of Health Sciences- RT-Nursing Simulation Training 2016-2018
Allied Health Regional Skills Partnership 2016-2018
Give A Kid A Chance Outreach 2016-2017

awards/nominations

American College of Chest Physicians Distinguished CHEST Educator (DCE) Award 2021-received
American College of Chest Physicians Distinguished CHEST Educator (DCE) Award 2020-received
UNCC Online Faculty Mentor Award 2020- nominated
UNC Charlotte CHHS Teaching Excellence Award 2019-nominated
American College of Chest Physicians Distinguished CHEST Educator (DCE) Award 2019-received
UNC Charlotte 2018-2019 Senior Survey Award 2019-received

HS District 230 Foundation Legacy Hall Award 2019-received
UNC Charlotte 2017-2018 Senior Survey Award 2018-received
UNC Charlotte Office of Assessment & Accreditation Excellence in Assessment Award 2018-received
UNC Charlotte Student Organization Excellence Award 2017-nominated
International Women's Day Committee Certificate of Recognition 2017-received
UNC Charlotte CHHS Undergraduate Teaching Award 2017-nominated