

Matthew L. Bowman, PT, DPT
Binghamton University

Education:

Doctor of Physical Therapy
Upstate Medical University, Syracuse, NY
Major: Physical Therapy
January 2011

Master of Science
Ithaca College, Ithaca, NY
Major: Physical Therapy
September 2001

Bachelor of Science
Ithaca College, Ithaca, NY
Major: Clinical Science
May 2000

Licensure Information/Registration Number:

- New York State-Licensed and Registered Physical Therapist
 - License #023590
 - *December 2001 to Present*

Certifications:

- APTA Advanced Credentialed Clinical Instructor
 - *July 2015*
- Board-Certified Clinical Specialist in Cardiovascular and Pulmonary Physical Therapy
 - *May 2015*
 - *Re-certified Summer 2025*
- Blankenship System for Functional Capacity Examinations
 - *July 2011*
- Certified Kinesiotaping Practitioner
 - *November 2011*

Employment and Positions Held:

- Clinical Assistant Professor, Non-Tenure Eligible
 - Binghamton University: Binghamton, NY
 - *September 2021 to Present*
- Senior Research Support Specialist, Upstate Medical University: Robert C. Schwartz Cystic Fibrosis Center: Syracuse, NY
 - *July 2023-Present*
- Staff Physical Therapist, Reilley Physical Therapy: Ithaca, NY
 - *May 2022 to May 2024*
- Senior Physical Therapist, Upstate Medical University: Syracuse, NY
 - Physical Therapist Mentor; *January 2017 to August 2021*

- Outpatient Orthopaedic and Pulmonary Rehabilitation; *May 2008 to August 2021*
- Acute Care Orthopaedics; *February 2006-February 2011*
- Staff Therapist Proficient, Kessler Institute for Rehabilitation: Chester, NJ
 - Outpatient Rehabilitation; *March 2004 to February 2006*
- Staff Physical Therapist, Sunharbor Manor: Roslyn Heights, NY
 - Sub-acute Rehabilitation; *October 2001 to February 2004*

Peer Reviewed Publications:

- Bowman ML, Connell JW. "Provision of Telehealth: Cardiovascular and Pulmonary Physical Therapy." APTA Learning Center. Published February 16, 2023, https://learningcenter.apta.org/p/TH-CVP?_zs=U5NfV1&_zl=4HKp8

Peer Reviewed Scientific and Professional Presentations:

- Matthew Bowman, PT, DPT, Sagan Everett, PT, DPT, Denise Romano, MPS PT, EdD. Aligned, Assessed, Achieved: Competency Based Education Strategies for Cardiovascular & Pulmonary Physical Therapy. American Physical Therapy Association-Combined Sections Meeting. *February 2026*
- Jason Cherry, PT, DPT, EdD, Denise Romano, MPS PT, EdD, CHSE, CSCS, Thomas Komar, PT, DPT, EdD, Cert MDT, Matthew Bowman, PT, DPT. The Role of Psychological Flexibility in Promoting Psychological Safety during Simulation in DPT Students. American Physical Therapy Association-Combined Sections Meeting. Poster Session: *February 2026*
- Matthew Bowman, PT, DPT, Julie Seguin, RN, Zafer Soutan, MD, Christopher Fortner, MD, PhD. Improved Screening for Bone Disease in Patients with Cystic Fibrosis: A Quality Improvement Project. North American Cystic Fibrosis Conference: Poster Session *October 2025*
- Denise Romano, MPS PT, EdD, CHSE, CSCS, Matthew Bowman, PT, DPT, Patti Reuther, MS, RN, CHSE, Lori Sprague, PhD, RN, CHSE. Academy of Education Pre-Conference Course: Simulating Success: Enhanced Simulation-Based Education Design and Operational Insights. American Physical Therapy Association-Combined Sections Meeting *February 2025*
- Matthew Bowman, PT, DPT, Pamela Bartlo, PT, DPT. CBE in CVP: A Roadmap to Use the CVP Competencies in Your Program. Academy of Cardiovascular and Pulmonary Physical Therapy Fall Conference *September 2024*
- Matthew Bowman, PT, DPT. "Ways to Improve Physical Fitness". Sarcoidosis Awareness Support Group Meeting-Upstate Medical University Pulmonary, Critical Care and Sleep Division: Invited Speaker *November 2023*
- Matthew Bowman, PT, DPT. "Frequency of Physical Therapy Screening and the Effect on Quality of Life Measures in Adults with Cystic Fibrosis". North American Cystic Fibrosis Conference: Poster Session *November 2023*
- Matthew Bowman, PT, DPT

“Providing Physical Therapy Services for Patients with Cardiovascular and/or Pulmonary Disease”

New York State Association of Cardiac and Pulmonary Rehabilitation—Annual Conference: Invited Speaker

October 2023

- Matthew Bowman, PT, DPT, Jacqueline Vicencio, PT, DPT
“Issues in the CF Athlete”
North American Cystic Fibrosis Conference: PT Workshop Session Moderator
November 2021
- Matthew Bowman, PT, DPT
“Issues in the CF Athlete – ‘A Pre-Teen Athlete with Cystic Fibrosis: Screening for Cardiorespiratory Issues’”
North American Cystic Fibrosis Conference: PT Workshop Session Presenter
November 2021
- Anne Reilley, PT, DPT, Matthew Bowman, PT, DPT
“Balance, Breathing, and Beyond: Management of Fall Risk in Patients With COPD”
APTA Combined Section Meeting Educational Session
February 2021
- Matthew Bowman, PT, DPT
“Analysis of a Shuttle Run in Determining Exercise Intensity in Children with Cystic Fibrosis.”
North American Cystic Fibrosis Conference: Poster Session
November 2019
- Matthew Bowman, PT, DPT
“Clinical Lung Function and Exercise Testing”
North American Cystic Fibrosis Conference: PT Caregiver Session Invited Speaker
October 2018
- Matthew Bowman, PT, DPT, Christopher Fortner, PhD, MD
“The Effect of Cardiorespiratory Exercise on Lung Function”
North American Cystic Fibrosis Conference: Poster Session
October 2018
- Matthew Bowman, PT, DPT, Matthew Dartt, MBA, BSRT, RCP, RRT, ACCS
“The Role of the PT/RT for Pre & Post Lung Transplant Patients”
North American Cystic Fibrosis Conference: PT Workshop Session Moderator
October 2018
- Matthew Bowman, PT, DPT
“Posture’s Impact on Airway and Breathing”
North American Cystic Fibrosis Conference: PT Roundtable Session
November 2017
- Matthew Bowman, PT, DPT
“Musculoskeletal Issues Through the Lifespan”
North American Cystic Fibrosis Conference: PT Caregiver Session
October 2016
- Ryan Harris, PhD, Matthew Bowman, PT, DPT
“Exercise Testing Interpretation & Implementing an Exercise Prescription”
North American Cystic Fibrosis Conference: PT/RT Brown Bag Luncheon Invited Speaker
October 2015

- Matthew Bowman, PT, DPT
 “Establishing a Safe and Effective Exercise Prescription”
 North American Cystic Fibrosis Conference: PT/RT Caregiver Session Invited Speaker
October 2014

Funded/In Review Grant Activity:

- Award for a Clinic Physical Therapist: Adult CF Care Center, Upstate Medical University
 - \$10,000/year renewable up to three years
 - The overall purpose of this Award is to promote the development of a Collaborative Care Model at CF care centers that incorporate an expert PT to assess and counsel patients regarding optimal cardiorespiratory and musculoskeletal system function related to participation in a healthy, physically active lifestyle as well as airway clearance. We envision that funding will be used to secure a Physical Therapist for the CF Clinic who will be responsible for the implementation of preventive education, annual screening and follow-up, coordination of evidence-based treatment for musculoskeletal and cardiorespiratory impairments, development and maintenance of a referral network of community-based physical therapists, and will serve as an educator and liaison for physical therapy care in CF for the CF Center, hospital or institution, community practitioners, and payers.
 - 2022-2025; Awarded by the Cystic Fibrosis Foundation
- Award for a Clinic Physical Therapist: Pediatric CF Care Center, Upstate Medical University
 - \$10,000/year renewable up to three years
 - The overall purpose of this Award is to promote the development of a Collaborative Care Model at CF care centers that incorporate an expert PT to assess and counsel patients regarding optimal cardiorespiratory and musculoskeletal system function related to participation in a healthy, physically active lifestyle as well as airway clearance. We envision that funding will be used to secure a Physical Therapist for the CF Clinic who will be responsible for the implementation of preventive education, annual screening and follow-up, coordination of evidence-based treatment for musculoskeletal and cardiorespiratory impairments, development and maintenance of a referral network of community-based physical therapists, and will serve as an educator and liaison for physical therapy care in CF for the CF Center, hospital or institution, community practitioners, and payers.
 - 2022-2025; Awarded by the Cystic Fibrosis Foundation

Current/Active Research Activity:

- Pilot Study: Comparing EMG Muscle Activity and Running Efficiency in Carbon Plate Sneakers During Treadmill Running on Different Inclines
 - Co-Author
 - Funding: Internal
- Validation of the Psychological Safety In High Fidelity Simulation Questionnaire among Doctor of Physical Therapy Students
 - Co-Author
 - Funding: None
- The Relationship between Psychological Flexibility and Psychological Safety in Doctor of Physical Therapy students involved in Simulation
 - Co-Author
 - Funding: None
- Sustaining a Physical Therapy Position in a Cystic Fibrosis Care Center: A Pilot Survey
 - Primary Investigator
 - Funding: Cystic Fibrosis Foundation via “Award for a Clinic Physical Therapist”
- Chronic Obstructive Lung Disease Clinical Practice Guideline
 - Co-Author
 - Funding: External

Membership in Scientific/Professional Organizations:

- American Physical Therapy Association
 - 1999-2006, January 2012-Present
- APTA Academy of Cardiovascular and Pulmonary Physical Therapy
 - January 2012-Present
 - Member of Education Committee
 - Chair of Virtual Education Subcommittee
- APTA Acute Care: An Academy of the American Physical Therapy Association
 - September 2021-Present
- APTA Academy of Education
 - September 2021-Present
- APTA New York
 - January 2012-Present

Consultative and Advisory Positions Held:

N/A

Service:

Professional:

- Heart Failure Clinical Prediction Guidelines
 - Article Appraiser-Summer/Fall 2024
- North American Cystic Fibrosis Conference
 - Program Planning Committee-Physical Therapy Co-Representative, January 2022-Present
 - PT/RT abstract reviewer for 2022-2024 Conferences
 - Education Section abstract reviewer for October 2020 Conference

- PT/RT abstract reviewer for October 2018 Conference
- Cystic Fibrosis Foundation Education Committee
 - Physical Therapy Representative, *October 2019-October 2022.*
- Central District of NYPTA
 - Legislative Liaison, *2023-Present*
 - Recording Secretary, *March 2012-April 2016*
- Academy of Cardiovascular and Pulmonary Physical Therapy
 - Education Committee Member, *February 2022-Present*
 - Virtual Education Subcommittee Chair, *May 2023-Present*
- APTA Academy of Education
 - Abstract Reviewer for 2024, 2025 APTA Combined Sections Meeting
- Expert Consensus Work Group on Oxygen Administration and Titration by Physical Therapy Professionals
 - External Reviewer
- Cardiopulmonary Physical Therapy Journal
 - Long COVID Special Edition Reviewer
 - Outpatient Physical Therapy Improves Post-COVID-19 Recovery: A Retrospective Cohort Study
 - Beyond the Clinic: Virtual Care as the Future of Long COVID Rehabilitation
 - Roles of Cystic Fibrosis Transmembrane Conductance Regulator in Skeletal Muscle Contractile Function

Community-Based:

- Auburn Lodge of Free and Accepted Masons, Lodge #124
 - Freemason, *March 2003-Present*
 - Scholarship Committee, *2012-2017*
 - Master, *June 2017-June 2018*
 - Trustee, *June 2018-June 2022*
- Camillus Youth Basketball
 - Coach, *2013-2017*

Services to the University on Committees/Councils/Commissions:

- N/A

Services to the College on Committees/Councils/Commissions:

- N/A

Services to the Division on Committees/Councils/Commissions:

- Division of Physical Therapy
 - Tenure Line Faculty Interview Committee, *February – May 2023*
 - Admissions Interviews, *November 2022 – December 2024*
 - ADCE search and interview committee, *September – November 2021*
 - Programmatic Forms Workgroup, *September 2021 – Present*
 - Policy and Procedure Committee
 - Committee Chair
 - *December 2021 – Present*

Honors and Awards:

- Selected as one of the APTA NY Centennial Scholars: A leadership development program sponsored by the APTA throughout 2021, *September 2020*
- Student Research Award for “A Physical Therapy Intervention to Address Functional Deficits Associated with a Paralyzed Hemi-Diaphragm”
 - Upstate Medical University; Syracuse, NY, *April 2011*

Continuing Education Attended:

- North American Cystic Fibrosis Conference
 - Seattle, WA: *October 22-October 25, 2025* – Contact Hours: 16.0
- American Physical Therapy Association: Combined Sections Meeting
 - Houston, TX: *February 13-15, 2025* – Contact Hours: 12.0
- North American Cystic Fibrosis Conference
 - Boston, MA: *September 25-September 28, 2024* – Contact Hours: 16.0
- Academy of Cardiovascular and Pulmonary Physical Therapy Annual Conference:
 - Atlanta, GA: *September 20-22, 2024* – Contact Hours: 6.5
- American Physical Therapy Association: Combined Sections Meeting
 - Boston, MA: *February 15-17, 2024* – Contact Hours: 18.0
- North American Cystic Fibrosis Conference
 - Phoenix, AZ: *November 1-November 4, 2023* – Contact Hours: 16.0
- Academy of Cardiovascular and Pulmonary Physical Therapy Annual Conference:
 - Atlanta, GA: *September 29-30, 2023* – Contact Hours: 6.5
- Master Adaptive Learner Workshop
 - Binghamton, NY: *April 3-5, 2023* – Contact Hours: 13.5
- American Physical Therapy Association: Combined Sections Meeting
 - San Diego, CA: *February 22-25, 2023* – Contact Hours: 18.0
- Evidence Based Teaching Institute
 - Binghamton, NY: *January-May, 2023* – Contact Hours: 0
- Teaching Online Certification Program
 - Binghamton, NY: *January-May, 2023* – Contact Hours: 0
- APTA Telehealth Certificate Series
 - Virtual: *January 2023* – Contact Hours: 12.0
- North American Cystic Fibrosis Conference
 - Philadelphia, PA: *November 2-November 5, 2022* – Contact Hours: 16.0
- Faculty Development Workshop for New PT/PTA Faculty
 - Ithaca, NY: *June 21-24, 2022* – Contact Hours: 32.7
- American Physical Therapy Association: Combined Sections Meeting
 - San Antonio, TX: *February 2-5, 2022* – Contact Hours: 18.0
- North American Cystic Fibrosis Conference
 - Virtual: *November 2-November 5, 2021* – Contact Hours: 16.0
- American Physical Therapy Association: Combined Sections Meeting
 - Virtual: *February 2021* – Contact Hours: 9.5
- North American Cystic Fibrosis Conference
 - Virtual: *October 21-October 23, 2020* – Contact Hours: 21.0

Current Teaching Responsibilities in the Entry-Level Program for Academic Year of Site Visit:

Fall – Year 1

PT-611: CardioPulmonary I: Exercise Physiology. Lab Instructor

PT-616: Integumentary I: Patient Management and Mobility. Primary Course Coordinator

PT-670: Physical Therapy Management of Complex Patients. Course Co-Coordinator

Spring – Year 1

PT-620: CardioPulmonary II: Clinical Management of the CardioPulmonary Patient. Primary Course Coordinator

PT-622: Special Populations I - Physical Therapy Management of the High Acuity Patient. Lab Assistant