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School of Health and Rehabilitation Sciences
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Education

PhD Health Related Sciences, Virginia Commonwealth University, Richmond, VA	Anticipated graduation: 2026
Doctor of Physical Therapy, MGH Institute of Health Professions, Boston MA	2008
Masters of Science, Physical Therapy, Northeastern University, Boston, MA	2002
Bachelors of Science, Rehabilitative Science, Northeastern University, Boston MA	2001

Certificates and Licensure

Massachusetts Board of Allied Health, License as Physical Therapist: #16212	2002-present
Board Certified Neurological Clinical Specialist American Board of Physical Therapist Specialists Initial certification	2010-2020
Recertification	2020-2030

Academic Appointments

MGH Institute of Health Profession, Boston, MA

- | | |
|--------------------------------|--------------|
| • Faculty, Assistant Professor | 2022-present |
| • Faculty, Instructor | 2019- 2022 |
| • Adjunct Faculty | 2012-2018 |

Clinical Appointments

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| • Clinical specialist, Spaulding Rehabilitation Hospital, Boston, MA | 2012-present |
| • New England Sinai Hospital, Stoughton, MA | |
| ○ Physical therapy supervisor | 2008-2012 |
| ○ Staff physical therapist | 2002-2008 |

Grants

Current

National Institutes of Health – Award # 1R61NS117210-01A1, PI: Thurman Wheeler 2021-2026
Extracellular RNA Biomarkers of Myotonic Dystrophy
Total IHP sub-award: \$99,355
Role: Co-investigator, PT evaluator, 10% effort

Completed

Department of Defense- Award # W81XWH2010293, PI: Thurman Wheeler 2020-2024
Extracellular RNA Biomarkers of Myotonic Dystrophy
Total IHP sub-award \$38, 106
Role: Co-investigator, PT evaluator, 5% effort

Peer Reviewed Publications

1. **Cornforth E**, Schmahmann J. Physical Therapy and Aminopyridine for Downbeat Nystagmus Syndrome: A Case Report. *Journal of Neurologic Physical Therapy*. 2024, 10.1097/NPT.0000000000000485.
2. **Cornforth E**, Schramm K. Physical therapist's beliefs, practice patterns and barriers to the incorporation of mindfulness meditation into management of individuals with chronic dizziness., *Complementary Therapies in Clinical Practice*, 43 2021.[[doi:10.1016/j.ctcp.2021.101387](https://doi.org/10.1016/j.ctcp.2021.101387)]
3. Plummer L, Smith L, **Cornforth E**, Gore S. Teaching Psychomotor Skills in a Virtual Environment: An Educational Case Study. *Education Sciences*. 2021, 11(9), 537; <https://doi.org/10.3390/educsci11090537>

Online Materials

1. **Cornforth E**. Telerehabilitation Has Potential, But More Research, Funding, and Advocacy Are Needed. *Health Affairs Forefront*, January 5, 2023. <https://www.healthaffairs.org/doi/10.1377/forefront.20230103.872148>

Peer Reviewed Presentations and Abstracts

1. McCarthy Jacobson A, Karim R, **Cornforth E**, Arrigo M. Supporting DPT Students Throughout Their Journey, an Innovative Model. Platform presentation at APTA Combined Sections Meeting. Boston, MA, February 17, 2024.
2. **Cornforth E**, Schramm K, Cruz E, Marks M, Wollins K. Exploring the Lived Experiences and Opinions on Mindfulness Meditation for Individuals with Chronic Dizziness. Poster presentation at APTA Combined Sections Meeting. Boston, MA, February 15, 2024.
3. **Cornforth E**. Vestibular Rehabilitation and Ampyra for an individual with Cerebellar Degeneration and Downbeat Nystagmus: A case report. Poster presentation at International Conference for Vestibular Rehabilitation. Minneapolis, MN. October 15-17, 2022.
4. Brown L, Johnston T, **Cornforth E**, Miller B. Applying the Clinical Practice Guidelines for Use of AFO and FES Post Stroke: Shared Decision Making in Action. Education session at ANPT Annual Conference. Minneapolis, MN. October 14, 2022.

5. Conquest P, McKee B, **Cornforth E**, Sizemore A, Townsend E, Rutkove S, Wheeler T. Electrical Impedance Myography Predicts Muscle Function in DM1 Patients. Virtual poster presentation at IDMC-13. June 22, 2022.
6. Clock C, **Cornforth E**, Laflin H, Boutin M. Communication Skills Training in Year One of a DPT Program: Explanation of Extra-Curricular Programming and Student Response. Poster presentation at APTA of Massachusetts Annual Conference. November 13, 2021.
7. **Cornforth E**, Schramm K. A Survey of Physical Therapist's Attitudes and Current Practice Patterns of Incorporation of Mindfulness Meditation into the Management of Individuals with Chronic Dizziness. Platform Presentation at APTA of Massachusetts Annual Conference. November 7, 2020.
8. Knox S, **Cornforth E**, Plummer L. Pre-Admission Student Data is Associated with Level of Advising Needs for Physical Therapy Students. Poster presentation at APTA Combined Sections Meeting. Denver CO February 14, 2020.
9. Baldwin J, Plummer L, Fitzgerald C, **Cornforth E**, Smith L. Making Integrated Clinical Education Work – It's all About Consistency, Connections and Collaboration. Platform Presentation at Education Leadership Conference. Bellevue, WA October 21, 2019.
10. **Cornforth E**. Physical Therapy Management of Individual with Post-Concussion Syndrome with Involvement in Multiple Clinical Trajectories: A Case Report. Poster presentation at Boston Children's Hospital Sport-Related Concussion Conference: Focus on the Female Athlete. Boston, MA May 9, 2019.

Invited Presentations

Regional

Exercise Considerations for Individuals with Myotonic Dystrophy
Myotonic Dystrophy Foundation Regional Conference
Boston, MA

2024

A Clinical Practice Guideline for the Use of Ankle-Foot Orthoses and Functional Electrical Stimulation Post-Stroke.

APTA Massachusetts Chapter Neurologic Special Interest Group
Boston, MA

2021

Take a Mindful Moment: Meditation for the Chronically Dizzy Patient.

APTA Massachusetts Chapter Neurological Special Interest Group
Boston, MA

2021

Educational Activities

Courses Taught

- PT 712: Patient/Client Management: Balance 2019-present
- PT 601: Fundamentals of Patient/Client Management 1 2020-present
- PT 880N-03 Special Topics, Vestibular Elective 2019-2023

- PT 850: Capstone 2019-present

Professional Development

Cervicogenic Dizziness: An Evidenced-Based Competency Course Worcester, MA	2017
Vestibular Rehabilitation: A Competency-Based Course Atlanta, GA	2016
Vestibular Rehabilitation Advanced: Intensive Labs Weymouth, MA	2015
L300 and L300 plus trained and certified Boston, MA	2015
Lokomat trained and certified Boston, MA	2012
NDT/Bobath Certificate Course in the Management and Treatment of Adults with Hemiplegia Sunrise, FL	2005

Professional Membership and Activities

Co-Chair, APTA Orthotics and Neuroprosthetics Knowledge Translation Task Force	2019-2023
Member, APTA Orthotics and Neuroprosthetics Clinical Practice Guidelines Critical Appraisal Team	2016-2018
Item Writer, APTA Specialization Academy of Content Experts (SACE)	2012-2015
Member, American Physical Therapy Association (APTA)	2009-present

Journal Reviewer

Complimentary Therapies in Clinical Practice	2021-2024
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Conference/Abstract Reviewer

Academy of Neurologic Physical Therapy Annual Conference	2021-2022
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Institutional Service

Member, L.E.A.P Committee (Leadership Enrichment Achievement Program) Physical Therapy Department	2019-present
Chair, L.E.A.P Committee, Physical Therapy Department	2020-2022
Member, Curriculum Committee, Physical Therapy Department	2021-present
Member, Faculty Senate, Nominating Committee	2024