

## **CURRICULUM VITA**

**NAME:** Thomas P. Nolan Jr., PT, MS, DPT  
Board-Certified Orthopedic Specialist (OCS)

**OFFICE ADDRESS:** Stockton University  
School of Health Sciences  
Doctor of Physical Therapy Program  
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Galloway, New Jersey 08205  
609-652-4894  
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**EDUCATION:** Doctor of Physical Therapy (DPT)  
Temple University  
Philadelphia, Pennsylvania  
2008

“Peripheral Nerve Entrapment and Injury” (2 credit graduate course)  
Graduate Program in Physical Therapy  
Medical College of Pennsylvania and Hahnemann University  
Philadelphia, Pennsylvania  
1996

MS Physical Therapy  
Temple University  
Philadelphia, Pennsylvania  
1988

BS Physical Therapy  
New York University  
School of Education, Health, Nursing, and Arts Professions  
New York, New York  
1978

BS Biology  
Glassboro State College (now Rowan University)  
Glassboro, New Jersey  
1977

**PROFESSIONAL LICENSE:**  
New Jersey Physical Therapist License #40QA00202200

**SPECIALIST CERTIFICATION:**  
Orthopaedic Certified Specialist (OCS) by the American Board of Physical Therapy Specialties 2001-2011, Recertification for 2012-2022, Recertification for 2023-2033

## **EMPLOYMENT**

**1988 – present**

Professor of Physical Therapy  
Stockton University  
Doctor of Physical Therapy (DPT) Program  
Stockton University  
Galloway, New Jersey 08205  
Physical Therapy Program Director 2012-2014  
Tenure: 1993

## **PEER REVIEWED PUBLICATIONS:**

### **Journal Articles**

Arhos E, Ito N, Giordano A, Nolan TP, Snyder-Mackler L, Gravare Silbernagelo G. Who's Afraid of Electrical Stimulation? Let's Re-visit the Application of NMES at the Knee. *Clinical Commentary. J of Orthop Sports Phys Ther* 2024;54(2):1-6.

Nolan TP, Galantino ML, Buccafurni RT. Effect of Cryotherapy on Neuromuscular Electrical Stimulation: A review of the literature. *Athletic Training and Sports Health Care*. 2013;5(1):45-52.

### **Textbooks**

Bellew J, Nolan TP, editors: *Michlovitz's Modalities for Therapeutic Intervention*, 7<sup>th</sup> edition, 2022, by F.A. Davis Company, Philadelphia, PA

Bellew J, Michlovitz SL, Nolan TP, editors: *Michlovitz's Modalities for Therapeutic Intervention*, 6<sup>th</sup> edition, 2016, by F.A. Davis Company, Philadelphia, PA

Michlovitz SL, Bellew J, Nolan TP, editors: *Modalities for Therapeutic Intervention*, 5<sup>th</sup> edition, 2012, by F.A. Davis Company, Philadelphia, PA.

Michlovitz SL, Nolan TP, editors: *Modalities for Therapeutic Intervention*, 4<sup>th</sup> edition, 2005, by F.A. Davis Company, Philadelphia, PA.

### **Chapters in Textbooks**

Nolan TP: Alternative Modalities for Pain and Tissue Healing. In: *Modalities for Therapeutic Intervention*, 7<sup>th</sup> edition, 2022, FA Davis Co., Philadelphia, PA

Post R, Nolan TP: Electromagnetic Waves: Laser, Diathermy, and Pulsed Electromagnetic Fields. In: *Modalities for Therapeutic Intervention*, 7<sup>th</sup> edition, 2022, FA Davis Co., Philadelphia, PA

Mastrangelo AM, Nolan TP: Hydrotherapy: The Use of Water as a Therapeutic Agent. In: *Modalities for Therapeutic Intervention*, 7<sup>th</sup> edition, 2022, FA Davis Co., Philadelphia, PA

Nolan TP, Michlovitz SL: Alternative Modalities for Pain and Tissue Healing. In: *Modalities for Therapeutic Intervention*, 6<sup>th</sup> edition, 2016, FA Davis Co., Philadelphia, PA

Post R, Nolan TP: Electromagnetic Waves: Laser, Diathermy, and Pulsed Electromagnetic Fields. In: *Modalities for Therapeutic Intervention*, 6<sup>th</sup> edition, 2016, FA Davis Co., Philadelphia, PA

Bukowski EL, Nolan TP: Hydrotherapy: The Use of Water as a Therapeutic Agent. In: *Modalities for Therapeutic Intervention*, 6<sup>th</sup> edition, 2016, FA Davis Co., Philadelphia, PA

Michlovitz SL, Nolan TP: Alternative Modalities for Pain and Tissue Healing. In: *Modalities for Therapeutic Intervention*, 5<sup>th</sup> edition, 2012, FA Davis Co., Philadelphia, PA

Dellagatta E, Nolan TP: Electromagnetic Waves: Laser, Diathermy, and Pulsed Electromagnetic Fields. In: *Modalities for Therapeutic Intervention*, 5<sup>th</sup> edition, 2012, FA Davis Co., Philadelphia, PA  
Bukowski EL and Nolan TP: Hydrotherapy: The Use of Water as a Therapeutic Agent. In: *Modalities for Therapeutic Intervention*, 5<sup>th</sup> edition, 2012, FA Davis Co., Philadelphia, PA

Nolan TP: Electrotherapeutic Modalities: Electrotherapy and Iontophoresis. In: *Modalities for Therapeutic Intervention*, 4<sup>th</sup> edition, 2005, FA Davis Co., Philadelphia, PA

Michlovitz SL, Nolan TP: Emerging Modalities: Is There Evidence? In: *Modalities for Therapeutic Intervention*, 4<sup>th</sup> edition, 2005, FA Davis Co., Philadelphia, PA

Bukowski EL, Nolan TP: Hydrotherapy: The Use of Water as a Therapeutic Agent. In: *Modalities for Therapeutic Intervention*, 4<sup>th</sup> edition, 2005, FA Davis Co., Philadelphia, PA

Lowe E, Smith W, Nolan TP: Mechanical Modalities: Traction and Intermittent Pneumatic Compression. In: *Modalities for Therapeutic Intervention*, 4<sup>th</sup> ed., 2005, FA Davis Co., Phila., PA

### **PEER-REVIEWED SCIENTIFIC AND PROFESSIONAL PRESENTATIONS**

**Nolan TP, Runk NF. Contract or not contract? A comparison of quadriceps contraction force generation during NMES with and without concurrent volitional contraction. Poster presentation at APTA Combined Sections Meeting, Boston, MA, February 15, 2024**

Nolan TP. Neuromuscular electrical stimulation and clinical practice guidelines: A survey of clinical practice. Poster presentation at APTA Combined Sections Meeting, February 5, 2022

Nolan TP, Lawson D, Tawfik J. Biophysical energies for wound healing: What is the evidence and when should we use them? Presented at APTA Combined Sections Meeting in San Antonio, TX, February 4, 2022.

Prakash S, Nolan TP: Pain and Opioids: An Interprofessional Holistic Management Approach. Poster presentation at Stockton University Virtual IPE Conference, June 4, 2021

Nolan TP, Dellagatta EM: Changes in skin resistance produced by 30-minute application of de-ionized water iontophoresis. Poster presentation at APTA Combined Sections Meeting, Washington, DC, January 25, 2019

Dellagatta EM, Nolan TP: Physical Therapy Management of Post-Operative Meuller Weiss Disease. Poster presentation at APTA Combined Sections Meeting, Washington, DC, January 25, 2019

### **FUNDED GRANT ACTIVITY:**

\$95 Stockton University Center for Teaching Development and Learning, Instructional Technology Fund, for one-year subscription for Kahoot + Max Teacher (2023)

\$1,368 Stockton University Career Development Committee (2021) funding for "Assessment of muscle strength using the MicroFET-2 dynamometer following electrical stimulation of muscle"

\$5,000 Continuing Education and Other Projects in the School of Health Sciences (2014), funded by The Orthopedic Foundation - Rothman Institute, in support of collaborative continuing education conference and matching students with projects with Rothman physicians.

\$750 Stockton College Research & Professional Development award (2011-2012) in support of faculty/student research project on the effect of cryotherapy on neuromuscular stimulation of the quadriceps.

### **MEMBERSHIPS IN SCIENTIFIC/PROFESSIONAL ORGANIZATIONS:**

American Physical Therapy Association (APTA) 1977-present

Academy of Orthopaedic Physical Therapy, APTA 1990-present

Academy of Clinical Electrophysiology and Wound Management (ACEWM), APTA 2005-present

Biophysical Agents Special Interest Group, ACEWM, APTA: 2019-present

New Jersey Chapter, APTA 1977-present

#### **Leadership Positions and Activities in APTA:**

Nominating Committee Chair and member of Board of Officers, Biophysical Agents Special Interest Group, APTA Academy of Clinical Electrophysiology and Wound Management, 2018-present

NJ APTA Research Committee: member and abstract reviewer, 2017- 2020

Abstract Reviews for APTA National Conference Presentations, Academy of Clinical Electrophysiology and Wound Management (ACEWM), 2016, 2018, 2019, 2020.

Nominating Committee (elected position), Academy of Clinical Electrophysiology and Wound Management, APTA, 2015-2017; Committee Chair in 2017

### **CONSULTATIVE AND ADVISORY POSITIONS:**

External Review for Faculty Promotion, Physical Therapy Program, Thomas Jefferson University, Philadelphia, PA, 2011

New Jersey State Laborers' Health and Safety Fund  
Screenings for Union Members at Union Meetings, 2007-2008