

# Lindsay Meyer-Clarke, OLY, PhD

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## Office Address

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## EDUCATION

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<b>Doctor of Philosophy-</b> Neuromotor Science Temple University Dissertation- The Effects of Physical Growth on Gait Stability in Adolescent Athletes	<b>2022</b>
<b>Bachelor of Arts-</b> Human Biology Stanford University Concentration: Human Performance and Evolution	<b>2013</b>

## PROFESSIONAL EXPERIENCE (Academic)

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<b>Temple University</b> Assistant Professor	<b>07/2024- Present</b>
<b>Temple University</b> Adjunct Faculty Responsible for teaching biomechanics lecture and lab for a class of 50 undergraduate students. Created, organized, and evaluated assignments and exams using both Canvas and Proctorio.	<b>02/2023- 06/2024</b>
<b>Thomas Jefferson University</b> Adjunct Faculty Responsible for teaching a graduate level Functional Anatomy combined lecture and lab course. Assisted in reevaluating course format to better meet the needs of the incoming students.	<b>08/2023- 12/2023</b>
<b>Institute of Rowing Leadership</b> Course Instructor Design and implement a course on motor skill acquisition and refinement for a group of professional rowing coaches. Plan lectures, assignments, and projects related to athlete motor learning, biomechanics, injury rehabilitation, and study design and analytics.	<b>03/2023-Present</b>

Writing grant proposals and IRB applications for new research. Teaching undergraduates in both biomechanics and anatomy and physiology labs. Gave undergraduate lectures in a variety of biomechanics subjects. Attended conferences to present research. Successful defense of dissertation October 2022.

## PUBLICATIONS

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1. Clarke, L.M.; Jones, R.M.; Hiremath, S.V.; Franklin, C.; Wright, W.G.; Tucker, C.A. The Effects of Age and Height on Gait Smoothness in Adolescent Athletes. *Children* **2024**, *11*, 223. <https://doi.org/10.3390/children11020223>
2. Cohen, E.T., Muth, S., Dekerlegand, R., Ferraro, R., Meyer, L., Chen, D. (2017) Heart Rate Response and Changes in Walking Velocity During the 12-Minute Walk Test in People with Multiple Sclerosis. *International Journal of MS Care*. 18(s1)
3. Chen, D., Cohen, E.T., Muth, S., Ferraro, R., Meyer, L. (2017). Multi-Modal Measurement of Fatigue-Induced Gait Changes in a Person with Multiple Sclerosis during a 12-Minute Walk Test. *International Journal of MS Care*. 18(s1)

## CONFERENCE PRESENTATIONS

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1. Meyer L, Glass SM, Napoli A, Obeid I, Tucker C. Effects of Concussion History on Center of Mass Motion During Modified Balance Error Scoring System (BESS) Testing in Women. APTA Combined Sections Meeting. January 2019. Washington, DC.
2. Clarke LM, Jones RM, Hiremath S, Franklin C, Tucker CA. The Effects of Height on Gait Smoothness in Adolescent Athletes. American College of Sports Medicine Annual Meeting. June 2022. San Diego, CA.
3. Clarke LM, Jones RM, Hiremath S, Franklin C, Wright WG, Tucker CA. Sex Differences in Muscle Fatigue and Gait Stability in Adolescent Athletes. North American Congress on Biomechanics. August 2022. Ottawa, Ontario, CA.

## AWARDS AND HONORS

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NIH F31 Grant Recipient	2020-2022
Temple University Summer Research Grant Recipient	2019
Stanford University Women's Rowing Leadership Award	2013
NCAA First Team All American- Women's Rowing	2013
Stanford University Women's Rowing Team Captain	2012-2013

## **ADDITIONAL PROFESSIONAL EXPERIENCE**

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### **South Jersey Rowing Club**

**01/2021- Present**

Head Coach

Responsible for development, organization, and implementation of all aspects of the training of 65 middle and high school student athletes on a nationally competitive team. Manage team training plan, boat selection, equipment, organizing travel and roster for local and national regattas.

### **Shriner's Hospital for Children: Philadelphia**

**09/2019 - 09/2022**

Motion Analysis Lab Assistant

Assisted with day-to-day lab operations and special projects including data entry, checking motion analysis data, completing return-to-sport testing.

### **Rutgers University**

**8/2016-3/2017**

Research Assistant

Aided PI with in-lab execution of research on gait and Multiple Sclerosis. Assisted with data processing.

### **Vesper Boat Club**

**05/2014- 12/2018**

Rowing Coach and Athlete

Organized, ran practice for, and coached a group of approximately 20 athletes. Served as the masters team representative on the board of directors for the duration of employment.

Coached the high school competitive racing team during the summer.

Competed as a member of the racing team in Olympic and National team trials, local and national regattas, and at the Pan American Games.

### **The Next Step Physical Therapy, Seattle, WA**

**1/2014-4/2016**

Office Assistant and Transcriptionist

Managed operations of a busy practice, including: appointment scheduling, verifying insurance coverage and referrals, inputting patient demographics, charges, receipts and appointments into an electronic system, and communicating information to patient and therapist. Transcribed daily treatment records for presentation to insurance companies and referring physicians. Coordinated therapy for athletes on several area rowing teams.

### **Seattle Rowing Center**

**8/2010-8/2014**

Assistant Coach and Athlete

Developed and implemented training plans for high school, learn-to-row, and summer rowing programs for a nationally competitive team. Responsible for maintaining equipment, transporting boats, and assisting with regatta logistics. Competed for a position on the USRowing National and Olympic Team and at World Championships.

## **OTHER ACHIEVEMENTS AND POSITIONS**

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**United States Olympic Team, Rowing, Beijing, China** 2008  
Women's Quadruple Sculls

**United States National Rowing Team** 2006, 2007, 2010, 2015  
Junior, Under -23, Senior, Pan American National Rowing Team Member. Earned Gold, Silver (2), and Bronze (2) Medals at world championships and other international regattas.

**NCAA Champion, Women's Rowing** 2009

**4-year Letter Winner, Women's Rowing** 2008-2013  
Stanford University

**Vesper Boat Club Board of Directors** 2016-2018

## **CERTIFICATIONS**

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**Teaching in Higher Education** 2019

**CPR, Adult and Children** 2022

**First Aid, Adult and Children** 2022