

CURRICULUM VITAE

Name: Richard Severin PT, DPT, CCS

EDUCATION:

- The University of Illinois-Chicago, Doctor of Philosophy, Rehab Science August 2015-May 2019
- The University of Miami, Doctor of Physical Therapy, May 2010-May 2013
- The Pennsylvania State University, Bachelor of Science in Kinesiology, August 2004-May 2009

LICENSURE:

- Illinois: Physical Therapist License, Illinois 070021127

CERTIFICATIONS:

- Cardiovascular and Pulmonary Certified Specialist, ABPTS, Cert. #45532, May 2015-May 2025
- American Heart Association, ACLS Provider IL01933 December 2015- December 2017

EMPLOYMENT AND POSITIONS HELD:

Academic Appointments

The University of Illinois at Chicago, Chicago, IL; August 2014-Current
Adjunct Professor and Research Specialist

- Course director; PT 635 Cardiopulmonary Dysfunction (Spring 2015-Current)
- Guest Lecturer, PT 580, Advanced Clinical Reasoning, OMPT Fellowship, Cardiovascular Screening, Fall 2016
- Guest Lecturer Sports Physical Therapy Elective; Cardiovascular Screening Athlete; Spring 2016
- Lab assistant and Proctor for PT 612 Biophysics; Spring 2015
- Guest Lecturer and Lab assistant, PT 600, Introduction to Physical Therapy, Fall 2014 and Fall 2016

South College, Knoxville, TN; March 2016-Current
Adjunct Assistant Professor

- Course director; PT 6430 Cardiopulmonary and Acute Care Practice
- Guest Lecturer; PT 6150 Physiology, Summer 2016

The University of Wisconsin, School of Medicine, Madison, WI; August 2013- December 2014
Instructor/Lab Assistant

- 5-10hrs/week, Instructor/Lab Assistant PT 523: Cardiopulmonary Assessment
- Developed and hosted biweekly recitations, held office hours and assisted in labs and lectures

The University of Miami, Miller School of Medicine, Coral Gables, FL; August 2012-October 2012
Graduate Assistant (GA)

- 5-10hrs/wk Graduate assistant for PT 572, Clinical Decision Making II.

The Pennsylvania State University Biology Dept, University Park, PA; January 2009-May 2009
Teaching Assistant (TA)

- 5-10hrs/wk, Dissection lab instructor for Biol 129, Introduction to Anatomy.
- Assisted with design and proctoring of examinations.

Clinical Appointments

The University of Illinois at Chicago PT Faculty Practice, Chicago, IL; August 2014-2015
Orthopedic Resident

- Full time, 30-40hrs/wk 1 year, Clinical Residency specializing in Orthopedic Physical Therapy
- Clinical researcher track, integrating cardiovascular risk assessment into orthopedic rehabilitation.

William S Middleton Memorial VA Medical Center, Madison, WI; August 2013-August 2014
Cardiovascular & Pulmonary Physical Therapy Resident

- Full time, 40-50hrs/wk, 1year, Clinical Residency specializing in Cardiovascular & Pulmonary Physical Therapy
- 50/50 split Critical Care/inpatient and outpatient clinic at a VA Heart and Lung Transplant Center.

- Part-time, 10-15hrs/wk, inpatient department; Urban Setting, Teaching Hospital.

SCHOLARLY ACTIVITY

Peer-Reviewed Publications

- Severin, R and Phillips, SA, Respiratory Muscles and Chemoreflex Sensitivity in Heart Failure: A Breath of Fresh Air, *Canadian Journal of Cardiology*, (Accepted for Publication)
- Severin, R et al, The Autonomic response to thoracic spinal manipulation in healthy subjects, *Journal of Manual and Manipulative Therapy* (In Review)

Textbook Chapters

- Content Reviewer, Morgan, B and Dempsey, Physiology of the Cardiovascular and Pulmonary Systems, In; DeTurk, W & Cahalin, L (Ed); *Cardiovascular and Pulmonary Physical Therapy: An Evidence-Based Approach*, Third Edition. New York, NY. McGraw-Hill Education (In Review)

Peer Reviewed Scientific and Professional Presentations:

- 2017, Severin, R and Phillips, S; A Novel Maximal Treadmill Exercise Testing Protocol in the Morbidly Obese: A Descriptive Report, American College of Sports Medicine Conference (Poster)
- 2017, Invited Lecturer (Lead), "#SocialPT: Transforming Society Through Social Media", American Physical Therapy Association (APTA), Combined Sections Meeting (CSM)
- 2017, Severin, R et al, The Screening Of Cardiovascular Disease: A Survey Study, APTA CSM (Poster)
- 2016, Invited Lecturer (Lead), "The Why, What, and How of Vital Signs and Cardiovascular Risk Stratification for the Outpatient Therapist: A Vital Addition to Clinical Practice", APTA, CSM
- 2016, Severin, R et al, The Autonomic response to thoracic spinal manipulation in healthy subjects. APTA, CSM (Poster)
- 2015, Severin, R et al., High Intensity Pulmonary Rehabilitation of a Left Lung Transplant Patient: A Case Study. APTA, CSM (Poster)
- 2014, Severin, R and Cahalin, L., Functional Capacity Assessment and Pediatric Heart Disease: A Review. APTA, CSM (Poster)
- 2013, Severin, R and Cahalin, L., Exercise interventions for patients with advanced heart failure; a review of the literature with potential therapeutic options, APTA, CSM (Poster)

Editorial Boards

- 2016-Current; Cardiopulmonary Physical Therapy Journal, Emerging Media Editor

Journals Peer-Reviewed

- 2016-Current; Physiotherapy Theory and Practice, Manuscript Reviewer
- 2016-Current; Brazilian Journal of Physical Therapy, Manuscript Reviewer
- 2016-Current; Journal of Student Physical Therapy Research, Manuscript Reviewer

RESEARCH ACTIVITY:

Active Funded:

- 2015-Current, Graduate Assistant Research Coordinator, Exercise Therapy to Reduce Heart Failure Symptoms; Sorting Mechanisms of Benefit, Principal Investigator: Dan Forman, MD; Co-PI: Tracy Barnard PhD, University of Illinois at Chicago, VA Merit Grant
- 2015-Current, Graduate Assistant Research Coordinator Effects of Supervised Aerobic Exercise Training on Microvascular Function in Obese Adults; Principal Investigator: Shane Phillips, PT, PhD; University of Illinois at Chicago, UIC Departmental Grant

Active Un-Funded

- 2016-Current, Principal Investigator, Practice Patterns Of Physical Therapists Regarding The Screening Of Cardiovascular Disease: A Survey Study, University of Illinois at Chicago

Completed Funded

- 2013-2014, Volunteer Lab Assistant, Clinical Trial, Effects of Losartan on mSNA in patients with OSA, Principal Investigators: Barbara Morgan, PT, PhD and John Dopp PharmD, University of Wisconsin-Madison. National Heart Lung and Blood Institute Grant

Completed Un-funded

- 2015-2016, Principal Investigator. Hemodynamic response to thoracic spinal manipulation in healthy subjects; University of Illinois at Chicago

PODCASTS AND OTHER MASS MEDIA:

- 2016, Interviewee, Advice Corner, *The Pulse (Blog)*. American Physical Therapy Association
- 2016, Interviewee, "An Open Door to the Ivory Tower". *Healthy Wealthy and Smart (Podcast)*
- 2016, Interviewee, EIM Clinical Podcast (*Podcast*). Evidence in Motion (Pending Release)
- 2016, Interviewee, "The Vital Episode". *Therapy Insiders (Podcast)*, UpDoc Media
- 2016, Interviewee, "Why Taking Vitals is Vital". *Healthy Wealthy and Smart (Podcast)*
- 2015, Featured Speaker, Cardiovascular Screening in Marathon runners
ZerenPhysicalTherapy.com
- 2015, Featured Speaker, *DPTStudent Tweet Chat*, Orthopedic Residency Programs,
PTThinktank.com
- 2015, Featured Speaker, The Role of Mentorship for entry level physical Therapists,
NewGradPhysicalTherapy.com
- 2014, Interviewee, "Pondering Residency?", *Student Corner*, Wisconsin Physical Therapy
Association
- 2014, Interviewee, How to Cope With Health Care Education Costs, *PT in Motion*, American
Physical Therapy Association.

CONSULTATIVE AND ADVISORY POSITIONS HELD:

- 2016-Current; Contracted Faculty, Evidence in Motion.
- 2016-Current; Scientific Advisory Board, Free The Yoke.
- 2016-Current; Founder, The Full Squat Challenge.
- 2016-Current; Founder and Chief Editor. Rehab Reviews.
- 2015-Current; Contributor and Content Expert, *NewGradPhysicalTherapy.com*
- 2015-2016; Marketing Manager, *NextGenPT*.
- 2014, Panelist, New Grad Representative. CSM Student Assembly Forum, American Physical
Therapy Association Student Assembly Board of Directors.
- 2012-Current; Founder and Editor. *PTReviewer.com*,

CONTINUING EDUCATION COURSES TAUGHT

- 2015-Current; "The Heart of Orthopedic Rehab" Medical Minds in Motion, CEU Developer
- 2014, Lecturer, "Therapy Considerations for Patients with Heart Failure", UW-Milwaukee College
of Health Sciences

PROFESSIONAL MEMBERSHIPS

- American Physical Therapy Association, May 2010-Present
- American Physical Therapy Association Orthopedic Section, January 2014-Present
- American Physical Therapy Association Cardiopulmonary Section, January 2014-Present
- American College of Sports Medicine, July 2015-Present
- Society for Redox Biology and Medicine, July 2016-Present

SERVICE

Professional Service

- 2016-Current; American Board of Physical Therapy Specialists, Specialization Academy of
Content Experts;
- 2015-Current, APTA-Cardiovascular and Pulmonary Section, Public Relations Committee, Social
Media
- 2015-Current, APTA- Cardiovascular and Pulmonary Section, Clinical Practice Guideline Team,
Heart Failure Exercise Training, Article Reviewer

Community Service:

International

- 2016, Faculty Chaperone, Service Trip to Nicaragua, Viva Nicaragua

National

- 2016-Current, Co-Chairman, Sponsorship Committee, PT Day of Service,
- 2015-2016, Ambassador to UIC, PT Day of Service,

- 2013-Current; Society of St. Vincent DePaul

Local

- 2016, UIC Day of Service, Volunteer
- 2015-Current; Lectern, Our Lady of Pompeii Church, Chicago, IL,
- 2009-2010 St. Joseph's Preparatory School Rugby Club, Philadelphia, PA, Assistant coach

HONORS AND AWARDS/PROFESSIONAL HIGHLIGHTS:

- 2016, Clinicient Top 100 Most Influential Persons in Physical Therapy
- 2016, Phi Kappa Phi Honor's Society
- 2013, Graduated with Merit, University of Miami Doctor of Physical Therapy Program
- 2008, Academic Award, Penn State Men's Rugby Football Club,
- Penn State Dean's List: Spring 2006, Fall 2006, Spring 2007, Spring 2008, Spring 2009,

CONFERENCES ATTENDED AND CONTINUING EDUCATION

- 2016, Society for Redox Biology and Medicine (SFRBM) Symposium, Chicago, IL
- 2016; The American Physical Therapy Association Combined Sections Meeting, Anaheim, CA
- 2015; The American Physical Therapy Association Combined Sections Meeting, Indianapolis, IN
- 2014, The American Heart Association, Pre-Conference Scientific Session, Chicago, IL
- 2014; The American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV
- 2013, University of Wisconsin Cardiovascular Research Center Scientific Poster Fair, Madison, WI
- 2013; The American Physical Therapy Association, Combined Sections Meeting, San Diego, CA