

**RIPPT Candidate Bio and Statement – 2021**

The information below was provided by each candidate in response to a request to provide a brief bio and respond to the following statement:

“Briefly describe your qualifications for the position you are seeking and the pressing issues and initiatives that you believe ACAPT should address, and how these issues are consistent with the ACAPT strategic plan.”

**RIPPT Vice-Chair: One to be elected – Two-year term**

| <b>NAME: Carole Tucker</b>  | <b>CANDIDATE STATEMENT</b>   |
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| <p>Dr. Carole A Tucker is an associate professor in the College of Public Health and the College of Engineering at Temple University whose research and teaching interests relate to pediatrics and sensorimotor development with emphasis on the role of the movement system in child health. Her education and training as both a physical therapist and an electrical engineer provide extensive skills to contribute to research and innovation for individuals with movement impairments. Dr Tucker has an extensive background in physical therapy clinical practice in pediatrics. Her current research focuses on the development of patient-centered measures including patient-report outcome measures of health status in pediatric populations using modern measurement approaches, bioinformatics application in learning health systems, application of pattern recognition and advanced statistical analytical approaches to large data sets, and development and application of biosensors &amp; related technology to improve function and mobility in individuals with disabilities. She has received funding for her research from the NIH, NSF, DoD and Shriners Hospitals for Children. Dr Tucker co-directs the Digital Health Technology Laboratory and the Health Outcomes &amp; Measurement Science certificate program in the College of Public Health.</p> | <p>The greatest challenge facing our profession, I believe, is ensuring generation of knowledge that is sustainable, diverse, and transformative for the physical therapy and rehabilitation professions. We need to further extend our current research enterprise to one that has the necessary breadth of expertise, excellence of training, and creativity to respond effectively to the dynamics in our social, policy and practice ecosystem. An immediate need is to mature multiple pathways to success for our next generation of researchers – increasing the feasibility of rigorous research training for a greater number of our peers. Over the past 2 decades I have led complex multi-site research grants and have served on and chaired multiple national level APTA committees and workgroups. In addition, I have served as an active voting member of RIPPT for the past 5 years including participation in RIPPT workgroups. In addition, My leadership and related experiences combined with my collaborative nature provide qualifications to serve as RIPPT Vice-Chair.</p> |

**RIPPT Secretary: One to be elected- Two-year term**

| <b>NAME: Katherine Rudolph</b>   | <b>CANDIDATE STATEMENT</b>   |
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| <p>Dr. Katherine (Katy) Rudolph is an Associate Professor in the Department of Physical Therapy at the University of New England in Portland, ME. She has been a licensed PT since 1989 and a clinical researcher since 1991. She earned her MSPT from Boston University in 1989 and worked at Massachusetts General Hospital in Boston for several years before taking a research position in the Orthopedic Biomechanics Lab at Shriners Hospital for Children, in San Francisco. She earned a PhD in the Biomechanics and Movement Science (BIOMS) program at the University of Delaware in 1998. After 2 post-doctoral experiences, Katy joined the faculty in the Department of Physical Therapy and BIOMS program. She served as Academic Director of the BIOMS program from 2009-2011. In 2011 Katy moved to UNE to serve as the Director of the Motion Analysis Lab. Katy studies knee instability particularly in people with knee osteoarthritis, with a focus on motor control and, more recently, the influence of chronic pain on motor adaptation and learning. She has been awarded numerous NIH grants including 2 awards as Project PIs, two R21's and one R15.</p> | <p>I am a PhD trained physical therapist who has worked in academia since 1999. I was part of the of faculty at a research intensive institution and I currently hold a position at a primarily teaching institution with access to PhD students through partner institutions in northern New England. I am also a visiting scientist at the Maine Medical Center Research Institute. These positions have provided me with a very unique perspective on the challenges and opportunities afforded by very different research and academic settings, a perspective that would serve the RIPT Consortium well. I have devoted extensive service to the physical therapy (PT) profession pertaining to research, including serving as a member and chair of the Scientific Review Committee of the Foundation for Physical Therapy, as well as leadership positions in the Academy of Physical Therapy Research where I have served as Treasurer and Vice President. I have also served on over 15 NIH Special Emphasis Panels or as an ad hoc reviewer on NIH study sections and have reviewed myriad grant proposals from 2001 through 2021. This has provided the opportunity to keep abreast of changes to the NIH in terms of grant funding opportunities and mechanisms that are available for rehabilitation research. I would be honored to serve as secretary for the RIPT.</p> |

| <b>NAME: Richard Souza</b>  | <b>CANDIDATE STATEMENT</b>   |
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| <p>Dr. Richard Souza is the Vice Chair for Research in the Department of Physical Therapy and Rehabilitation Science at the University of California, San Francisco (UCSF). He is a physical therapist and biomechanics researcher with joint appointments in Radiology and Biomedical Imaging, and Orthopaedic Surgery at UCSF. He teaches courses on Radiology for the Physical Therapist, Gait Evaluation, and Observational Running Analysis in the UCSF/ SFSU Graduate Program in Physical Therapy. His research interests are focused on the relationships between mechanics of human movement and lower extremity injuries. Much of his research combines advanced quantitative MR imaging and the evaluation of physical activity and loading behaviors. The goal of these studies is to determine the influence of loading mechanics on hip, knee, and ankle health and to develop preventative and rehabilitative strategies for debilitating diseases such as osteoarthritis. These research projects are primarily funded by the National Institutes of Health. Dr. Souza is also the Program Director for the PhD program in Rehabilitation Science.</p> | <p>I am deeply concerned and committed to the training and development of clinician-scientists in the field of Rehabilitation Science. We have heard for many years about the impending shortage of highly trained physical therapist researchers that will lead our profession in innovation and discovery in the upcoming decades. As the Director of the PhD Program in Rehabilitation Science at UCSF and part of the faculty in the UCSF/SFSU DPT program, I see the challenges in sustaining a healthy pipeline of students from the clinical program through to a career in research. I have been a member of the RIPPT consortium since 2014 and have worked on many of projects to document productivity at RIPPT member institutions. Furthermore, I have served on the ACAPT Taskforce for Postdoctoral Research Fellowships. This group explored the feasibility of a direct-to-postdoc pathway for DPT graduates to pursue a career in research. Our recommendations were provided to ACAPT and were discussed with leadership at the NIH. As an active member of the RIPPT Nominating Committee, I intend to continue these efforts to identify obstacles and brainstorm solutions for solving our challenges with a healthy and robust clinician-scientist community in Rehabilitation Science. I look forward to working with the RIPPT leadership and the rehabilitation science community to grow these efforts and work towards viable solutions.</p> |

**RIPPT Nominating Committee Member: One to be elected – Two-year term**

| <b>NAME:</b> Todd Cade   | <b>CANDIDATE STATEMENT</b>  |
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| <p>Dr. Cade is Professor and Division Chief of the Doctor of Physical Therapy Division, Department of Orthopaedics, at Duke University School of Medicine and is a member of the Duke Molecular Physiology Institute. Dr. Cade received his undergraduate degree in Kinesiology from the University of Maryland, College Park, his Master’s in Physical Therapy from the University of Miami, his PhD in Rehabilitation Science from the University of Maryland, Baltimore, and his postdoctoral training in Endocrinology-Metabolism from Washington University School of Medicine. In his 18-year tenure at Washington University prior to moving to Duke, Dr. Cade had continuous NIH funding for his research, and currently holds or has held several positions of academic leadership including Associate Director of Postdoctoral Fellowships at Washington University and the Chair of the Scientific Review Committee for the Foundation of Physical Therapy Research. Dr. Cade is also a member of the Scientific and Medical Advisory Board for the Barth Syndrome Foundation and the Longer Life Foundation Scientific Advisory Board and previously served for nine years as an Editorial Board member of Physical Therapy Journal. Dr. Cade’s laboratory studies exercise and cardiometabolic health in metabolic diseases such as Barth syndrome, obesity/diabetes and HIV.</p> | <p>My research career began in 1997 as a Rehabilitation Sciences graduate student at the University of Maryland. Significant progress and advancement have occurred since then in building scientific evidence for the practice of physical therapy and rehabilitation. I believe that these advancements have come in large part through networking and collaboration between rehabilitation scientists across several universities. Historically, however, the majority of the work and collaboration has been within a select few “powerhouse” institutions and physical therapy programs. I believe this is changing as many more physical therapy programs are developing robust research programs thus providing the opportunity for greater research collaboration and training opportunities. As a nominating committee member, my role would be to recruit members and foster participation and service in RIPPT thereby expanding the national network of research focused physical therapists and physical therapy programs. I would be excited to be part of this endeavor in growing RIPPT is size and scope of its serving members.</p> |

| <b>NAME: Stacy Dusing</b>  | <b>CANDIDATE STATEMENT</b>   |
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| <p>I am the Director of Pediatric Research at the University of Southern California Division of Biokinesiology and Physical Therapy. My research is funded by the National Institutes of Health, Department of Education, Foundation for Physical Therapy Research. I am currently a standing member of an NIH student section and on the Scientific Review Committee for the Foundation for Physical Therapy. These service roles help me connect with other researchers, including physical therapy researchers who might be interested in engaging with RIPPT. I was the chair of the research committee in the Academy of Pediatric Physical Therapy for 3 years and the chair of the Neonatal Special Interest Group for 6 years. In 2020 I was named as a Catherine Worthingham Fellow of the APTA for my contributions to research and service. Continuing to expand my role in the APTA and support research intensive programs merges 2 of my passions.</p> | <p>My passion is supporting the next generation of physical therapy researchers and teachers through PhD, Post-doc, and faculty mentoring. I completed my PhD at the University of North Carolina Chapel Hill, completed a K12 / CORRT 2 year research mentored research training at the University of Delaware. Over the course of 15 years at Virginia Commonwealth University I was promoted from Assistant Professor to Professor with tenure before moving to the University of Southern California. Thus, I have experience at 4 different research intensive PT programs. I am very active in training PhD students and post-doctoral fellows. In addition, I am a strong advocate for diversity, equity and inclusion. I work at a liaison between our research intensive faculty and our Diversity Council to develop systems of support and increase diversity in physical therapy research and faculty development.</p> |