

Ndidiamaka (Didi) Dillibe Matthews, PT, DPT

Curriculum Vitae: August 2022

I. BIOGRAPHICAL INFORMATION

PERSONAL INFORMATION:

University Office Address: Ostrow School of Dentistry of USC 323-442-2900 (office)
Division of Biokinesiology and Physical 213-924-4377 (mobile)
Therapy dillibe@pt.usc.edu
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Los Angeles, California 90089-9006

UNIVERSITY EDUCATION:

University of Southern California
Los Angeles, California
Doctor of Physical Therapy, 2002

University of Southern California
Los Angeles, California
B.S., Exercise Science, 1998

BOARD CERTIFICATION AND LICENSURE:

Specialty Certification: American Board of Physical Therapy Specialties
Neurologic Clinical Specialist, 2005, Recertified in 2015

State Licensure: California #27434

ACADEMIC APPOINTMENTS:

March 2019-present Associate Professor of Clinical Physical Therapy
University of Southern California,
Los Angeles, California

December 2007-March 2019 Adjunct Assistant Professor of Clinical Physical Therapy
University of Southern California,
Los Angeles, California

June 2002-December 2007 Instructor of Clinical Physical Therapy
University of Southern California,
Los Angeles, California

ADMINISTRATIVE APPOINTMENTS:

July 2020-present Vice Chair of Equity, Diversity and Inclusion
University of Southern California

Los Angeles, California

September 2018-present Director, Division Institute for Excellence in Teaching
University of Southern California
Los Angeles, California

August 2006-July 2009 Director, Clinical Residency in Neurologic Physical Therapy
University of Southern California
Los Angeles, California

POSTDOCTORAL TRAINING:

Aug-Nov 2021 CET Advanced Faculty Teaching Institute: Getting Comfortable with
Challenging Discussions
University of Southern California

May-July 2021 Intergroup Dialogue Facilitation Training
Facilitators: Anna Yeakley & Teresa Graham Brett
University of Southern California

2019-2020 Institute for New Faculty Teaching in Online Programs
University of Southern California

2018-2020 CET Faculty Fellow Leadership Institute
University of Southern California

2006-2008 Member, Faculty Development Program
USC Division of Biokinesiology and Physical Therapy

CONSULTANTSHIPS:

February 2007 Consultative Services/Two day workshop provided to Brooks Rehabilitation,
Jacksonville, Florida for development of Neurologic Residency Program

AWARDS, HONORS, COMMENDATIONS:

2017 Outstanding Teaching Award
Dept. of Biokinesiology and Physical Therapy
University of Southern California

2015 Tommy Award for Outstanding Teaching
Dept of Biokinesiology and Physical Therapy
University of Southern California

2012 Outstanding Teaching Award
Dept. of Biokinesiology and Physical Therapy
University of Southern California

2009 Outstanding Teaching Award

Dept. of Biokinesiology and Physical Therapy
University of Southern California

- 2007 Emerging Leader Award
Neurology Section, American Physical Therapy Association
- 2002 Order of the Golden Cane
Dept. of Biokinesiology and Physical Therapy, University of Southern California
- 1999-2002 Pre-Doctoral Minority Scholarship
University of Southern California (\$117,000)
- 1999 Golden State Minority Foundation Scholarship (\$6,000)
- 1999 Black Alumni Association Scholarship
University of Southern California BAA (\$2,000)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- 2002-present Member, American Physical Therapy Association
2005-present Member, Academy of Neurologic Physical Therapy, APTA
2013-2015 Member, Academy of Physical Therapy Education

II. TEACHING ACTIVITIES

COURSES DEVELOPED AND/OR PRESENTED

<u>Course No.</u>	<u>Title of Course</u>	<u>Director (D) or Participating Faculty (P)</u>	<u>Session</u>	<u>Credit Units</u>	<u>Lect, Lab</u>
581	Clinical Management of the Patient with Neurologic Dysfunction	D	Spring 2009- present	5	Lec, Lab
650	Differential Diagnosis	P	Summer 2020- present	2	Lec

650	Differential Diagnosis	D	Summer 2010-17	2	Lec
539	Pharmacology	P	Fall 2010-18	1	Lec
632	Integrated Patient Management Seminar	P	Fall/Spring 2005-12	5	Lec
581	Clinical Management of the Patient with Neurologic Dysfunction	P	Spring 2003-2008	5	Lec, Lab
	Musculoskeletal Examination: Introduction to Clinical Medicine Keck School of Medicine, University of Southern California	P	Spring 2003-04		Lab
cont edu	Body Weight Supported Treadmill Training: Principles, Techniques, and Application Madonna Rehabilitation Hospital Lincoln, Nebraska	D	June 4-5, 2005		Lec, Lab

MENTORING ACTIVITIES

2005-present

University of Southern California
Clinical Residency in Neurologic Physical Therapy, Mentor

III. SCHOLARLY ACTIVITIES

Published Papers in Peer-Reviewed Journals

Matthews ND, Rowley KM, Dusing SC, Krause L, Yamaguchi N, Gordon J. Beyond a Statement of Support: Changing the Culture of Equity, Diversity, and Inclusion in Physical Therapy. *Physical Therapy Journal*. 2021; 101, 12: pzab 212. <https://doi.org/10.1093/ptj/pzab212>

David M Selkowitz, Kornelia Kulig, Elizabeth M Poppert, Sean P Flanagan, **Ndidiamaka D Matthews**, George J Beneck, John M Popovich Jr, Jose R Lona, Kimiko A Yamada, Wendy S Burke, Carolyn Ervin, Christopher M Powers, Physical Therapy Clinical Research Network PTClinResNet. (2006) The immediate and long-term effects of exercise and patient education on physical, functional, and quality-of-life outcome measures after single-level lumbar microdiscectomy: a randomized controlled trial protocol. *BMC Musculoskeletal Disorders*, 7:70.

Published Books, Monographs, Chapters

Matthews, ND, Howard, RE. Balance and Falls Chapter; In: H. Watts, K. Kulig, C. Sebelki (Eds), Differential Diagnosis for Physical Therapists, Philadelphia: F.A. Davis, Inc.

Published Abstracts

Matthews ND, Sullivan KJ, Eberly V, Mulroy SJ. (2005) Efficacy of split anterior tendon transfer and body weight supported treadmill training: A case study. Journal of Neurologic Physical Therapy, 29 (4), 212 (poster).

DIVISION PRESENTATIONS

Gordon J, Kulig K, Poppert L, Andersen MA, **Matthews ND**. Faculty Mentoring. A broad view of faculty scholarship. Division of Biokinesiology and Physical Therapy, April 13, 2021.

Matthews ND, Kirages D, Landel R. Student-Teacher Relationship Faculty Panel & Workshop. Division of Biokinesiology and Physical Therapy, November 13, 2019.

Matthews ND, Kirages D, Landel R. Effective Teaching Strategies Faculty Panel & Workshop. Division of Biokinesiology and Physical Therapy, October 9, 2019.

Matthews ND, Kirages D, Landel R. Teaching Philosophy Faculty Panel & Workshop. Division of Biokinesiology and Physical Therapy. September 11, 2019.

UNIVERSITY PRESENTATIONS

Matthews ND, Ruckert, E. Design and Implementation of a Clinical Reasoning Competency Assignment for Doctoral Physical Therapy Students, USC Center for Excellence in Teaching Faculty Showcase, August 1, 2022.

Matthews ND, Dusing SC, Krause L. Actions Speak Louder than Words: A Division's Journey Toward Anti-Racism, Equity, Diversity, and Inclusion. USC Diversity, Equity and Inclusion Week, March 9, 2021.

Matthews, ND. Physical Therapy and Parkinson's Disease, Invited Speaker, 15th Annual USC Parkinson's Update, Pasadena, CA, June 10, 2006.

NATIONAL PRESENTATIONS

Presentations as Invited Speaker

Matthews, ND. After the Seats are Filled: Building a Culture Equity and Inclusivity for a Diverse Community of Faculty and Learners. Physical Therapy Learning Institute 2022 Disruptive Innovation in Physical Therapist Education Summit, April 8-9, 2022

Christensen N, John E, Johnston A, **Matthews, ND**, Nwigwe C, Nordstrom T. Achieving Equitable, Inclusive and Diverse Physical Therapy in California. CPTA Diversity Affairs Committee Town Hall, January 18, 2022.

Matthews ND, Richey JR, Roy D, Winstein CJ. Fostering Diversity, Equity, and Inclusion in Healthcare and Science Panel Discussion. American Society of Neurorehabilitation Annual Conference, April 8, 2021.

Matthews ND, Johnson SD. Equity in Physical Therapy: Leveling the Playing Field. California Physical Therapy Association Student Conclave, March 20, 2021.

Behere A, Forteith M, Hyder A, **Matthews, ND**, Waither K. Antiracism in Global Health Education. Consortium of Universities for Global Health, 12th Annual Conference, March 13, 2021.

VanHoose L, Arellano, R, **Matthews ND**, Robinson, J. Racism and Discrimination within PT: The Beginning of the Conversation with Colleagues. CPTA Town Hall, September 24, 2020.

Blackington M, Fritz S, Gagnon K, Landers M, **Matthews ND**, Santasier A, Varnado K. Talk to the Experts: Best Practice for Overcoming Challenges in Online & Blended Learning Environments. ACAPT Virtual Webinar, September 10, 2020.

Tilson J, Andersen M, Havens K, Krause L, **Matthews ND**, Yamaguchi N. Transitioning to a Hybrid Format: Lessons Learned for Developing Physical Skills, ACAPT Virtual Webinar, July 24, 2020.

Matthews ND. Innovations in Teaching: The Integrated Curriculum. Invited Speaker, Education Leadership Conference, Baltimore, MD October 2, 2015.

Matthews ND, Myers R. Residency Models in Neurologic Physical Therapy, Invited Speaker, Neurology Section Practice Forum, APTA Combined Sections Meeting, Boston, MA, February 17, 2007.

Matthews ND. Optimizing Patient Management by Utilizing the ICF Model, Invited Speaker, APTA National Student Conclave, Dallas, TX, October 28, 2006.

Howard RE, **Matthews ND**. Myotonic Dystrophy: Role of Rehabilitative Therapy Services, Muscular Dystrophy Association's 2005 Myotonic Muscular Dystrophy Conference, Los Angeles, CA, October 2005

Klassen T, **Matthews ND**. Gait Analysis in the Neurological Patient. California Association for Postsecondary Education and Disability, Anaheim CA, October 2003.

Peer Reviewed Presentations

Johnson S, Montgomery T, Cole E, **Matthews ND**. Diversity in Action: Development of the USC Biokinesiology and Physical Therapy Black Alumni Association. Combined Sections Meeting, San Antonio, TX, February 5, 2022. Poster Presentation.

Matthews ND, Rundell SM. Building Community Through Storytelling. Combined Sections Meeting, San Antonio, TX, February 4, 2022. Poster Presentation.

Bilyeu C, **Matthews ND**, Niski J, Reilly M. Creating Associated Faculty Development Opportunities: Enhancing Habits of the Head and Heart. Education Leadership Conference, Atlanta, GA October 24, 2021. Podium Presentation.

Matthews ND, Brown C, Martinez C. Impact of a Simulated Case Conference on Student Physical Therapist Self Efficacy in the Management of Patients with Neurologic Conditions. Education Leadership Conference, Bellevue, WA October 29, 2019. Poster Presentation.

Matthews ND, Hankard J, Ayoob KD, Boehl S, Fisher, BE. The impact of group exercise on balance confidence in persons with Parkinson's disease. APTA Combined Sections Meeting, Washington, DC, February 24-27, 2019. Poster Presentation.

Matthews ND, Lochala C, Thomas N, Marchbanks S, Lewthwaite R, Fisher BE. The impact of social relatedness within a group exercise setting in persons with Parkinson's Disease. APTA Combined Sections Meeting, New Orleans, LA, February 21-24, 2018. Poster Presentation.

Matthews ND, MacDonald SE, Fisher BE. The impact of social relatedness within a group exercise setting in person's with Parkinson's Disease. IV STEP, Columbus, OH July 14-19, 2016. Poster Presentation.

Matthews ND, Martinez CA, Hershberg JA, Caudill EJ. You Are Not Alone: Development of a Local Neurologic Private Practice Network-Strategies and Successes. APTA Combined Sections Meeting, Indianapolis, IN, February 5-7, 2015. Poster Presentation.

GRANTS AND/OR CONTRACTS AWARDED

Participation in Research

- 2015-2017 Exercise Targeting Cognitive Impairment in Parkinson's Disease.
Principal Investigator: Giselle Petzinger, MD
Role: Intervention Therapist, Assisted with protocol development
- 2003-2006 Strength Training Effectiveness Post Stroke (STEPS)
Principal Investigator: Carolee Winstein, PT, PhD, FAPTA
Co-Investigators: Katherine Sullivan, PT, PhD (USC), David Brown, PhD (Northwestern)
Role: Intervention Therapist
- 2002-2004 Muscle-Specific Strengthening Effectiveness Post Lumbar Microdiscectomy (MUSSEL)
Principle Investigator: Carolee Winstein, PT, PhD, FAPTA
Co-Investigator: Kornelia Kulig, PT, PhD
Role: Protocol Development

JOURNAL MANUSCRIPT REVIEW SERVICE

Physiotherapy Research International

MAJOR SCHOLARLY MEETINGS ATTENDED

- 2002-2007, 2013-2015, 2018, Combined Sections Meetings of the APTA
2019, 2020, 2021, 2022
- 2015, 2016, 2019, 2020, 2021 APTA/ACAPT Education Leadership Conferences
- October 17, 2019 Education Research: How to Begin Your Journey (Mini
GAMER) Bellevue, WA
- July 2016 IV STEP: Prevention, Prediction, Plasticity, and
Participation
Sponsored by the Neurology and Pediatric Sections of
the APTA
Columbus, OH
- July 2005 III STEP: Linking Movement Science and Intervention
Neurology and Pediatric Sections of the APTA
Salt Lake City, UT
- 2003, 2004, 2006 Annual Parkinson's Disease Update
USC Department of Movement Disorders

Pasadena, CA.

2004 Annual Multiple Sclerosis Symposium,
USC Multiple Sclerosis Center
Pasadena CA.

IV. SERVICE ACTIVITIES

UNIVERSITY SERVICE:

2020-present	University Diversity Liaison
2018-present	Chair, Diversity, Anti-Racism, Inclusion and Community Engagement Council
2017-2019	Faculty Affairs Committee member
Fall 2016-present	Resident Teaching Topics Discussion Series with Neurologic, Orthopedic, Pediatric, and Sports residents (4 sessions) Facilitator
Spring 2014, 2015, 2016	Junior Faculty/Neurologic Resident Teaching Topics Discussion Series (6 sessions) Organizer, Facilitator
Fall 2014-Fall 2015	Faculty Teaching Seminar Series (8 sessions) Co-Organizer, Facilitator with Linda Fetters, PT, PhD, FAPTA
2012-2014	Faculty Affairs Committee Member
2009-present	Semester IV Chair
2007	Comprehensive Care Center for Parkinson's Disease and Multiple Sclerosis Development Team
2006-2007	Member, Post Professional Education Committee, Division of BKN/PT Strategic Planning

2004-2005	Curriculum Revision Case Development Group Leader
2005-2007	Eric Small Center for Optimal Living with Multiple Sclerosis at the University of Southern California Program Development/Faculty
2004-2007	Community Service Project: Outpatient Exercise Class for Individuals with Neurologic Disorders Program Development/Faculty
April 3, 2004	Body Weight Supported Treadmill Training: The Clinical Application for Individuals with Neurological Conditions University of Southern California Los Angeles, California

SERVICE TO PROFESSIONAL ORGANIZATIONS:

Summer 2022-present	CPTA Diversity Affairs Committee-Education Advisory Group
Spring 2022	2022 Education Leadership Conference Abstract and Educational Session Proposal Reviewer
2021-present	National Equity Diversity Inclusion Commission Faculty Representative American Council of Academic Physical Therapy
2004-2007	Member and Public Relations Committee Member Neurology Section, APTA
July 15, 2011	Regional Item Writing Workshop Neurology Specialty Council, ABPTS Los Angeles, CA

SERVICE TO THE COMMUNITY:

Aug 2021	Exercise and Self Efficacy START Parkinson's Disease Support Group
Nov 2019	Health Behavior Change START Parkinson's Disease Support Group
2015	Exercise for Mind, Body and Spirit: Depression USC Parkinson's Disease Support Group

START Parkinson's Disease Support Group

- 2012
Exercise: Training your body AND your brain
USC Parkinson's Disease Support Group
Claremont Parkinson's Disease Support Group
START Parkinson's Disease Support Group
- 2011
Current Research on Exercise and Parkinson's Disease
Claremont Young Onset Parkinson's Disease Support Group
- 2005
Why Exercise?
Whittier Presbyterian Hospital Parkinson's Disease Support Group
- 2002
BMW Western Region Health Fair
Marina del Rey, CA
Health screening
- 2001
Manos de Ayuda, Puerto Penasco, Mexico
Pediatric health screening and treatment for an underserved Mexican
community
- 2000
California AIDS Ride
Sports Medicine Team Member