

# CARLY ROBERTS, OTD, OTR/L, CPAM

## EDUCATION

**University of Southern California – Los Angeles, CA**  
*Doctorate of Occupational Therapy, December 2020*

**University of Southern California – Los Angeles, CA**  
*Master of Arts in Occupational Therapy, December 2019*

**University of Florida – Gainesville, FL**  
*Bachelor of Science in Applied Physiology & Kinesiology, August 2016*

## RELEVANT CERTIFICATIONS AND CONTINUING EDUCATION

- **Advanced Practice in Physical Agent Modalities (CPAM)**
- **Advanced Clinical Applications of Integrated Functional Electrical Stimulation (iFES™) Therapy Systems**
- **Part 1: Mary Massery's LINKED: Breathing and Postural Control**  
Understanding dynamic control of trunk pressures to optimize postural stability (balance), and linking breathing mechanics (including the vocal folds) to postural control using multi-system interactions
- **American Congress of Rehabilitation Medicine (ACRM), 2023**  
Poster presentation: Increasing Pressure Reliefs and Decreasing Hospital-Acquired Pressure Injuries Through A Therapy-Nursing Education Program

## AWARDS

**Spirit of Occupational Therapy Award**; presented by Associate Dean, Chair and Mrs. T.H. Chan Professor of Occupational Science and Occupational Therapy: *This award is given to the student that best exemplifies the spirit of occupational therapy through their commitment, caring attitude, spirit and compassion for others.*

## CLINICAL EXPERIENCE

**California Rehabilitation Institute – Los Angeles, CA**

**August 2021 – Current**

*Senior Occupational Therapist*

- Evaluates and treats clients on spinal cord injury unit (traumatic, non-traumatic, and orthopedic SCI) with emphasis on ADL/iADL re-training, upper extremity management and neuromuscular re-education, functional mobility and transfers, specialty durable medical equipment ordering and training, and sensory re-education to promote independence and safety in roles and routines after spinal cord injury
- Participates in the development of SCI programming, including being an active member of SCI taskforce, presenting at national conferences, leading and participating in journal clubs, and mentoring SCI occupational therapists seeking physical agent modality (PAMs) certification
- Instructs Level I and Level II occupational therapy students completing rotation on SCI unit
- Facilitates the creation of residency modules and provides mentorship for OT Doctoral Resident through treatment plan collaboration, co-treatments and mentored sessions to foster clinical growth to new graduates within the SCI population
- Treats as a primary interventionalist in an investigative study exploring neuromodulation technology for people with chronic SCI
- Co-led therapy-nursing joint effort to reduce out of bed hospital acquired pressure injuries by way of improving knowledge of and increasing confidence using specialty equipment utilized on SCI unit

**Rancho Los Amigos National Rehabilitation Center – Downey, CA**

**September 2020 – March 2021**

*Occupational Therapist*

- Scheduled and coordinated OTR/L and COTA treatment plans as primary occupational therapist on inpatient rehabilitation unit team
- Conceptualized with an interdisciplinary team consisting of an occupational, speech, and physical therapist, medical physician, psychologist, nurse, clinical social worker, and case manager to ensure effective care and discharge recommendations for clients
- Instructed a bimonthly Wheelchair Zumba® class with emphasis on shoulder preservation and aerobic exercise to promote wellness, physical fitness, and social participation to inpatients

**Rancho Los Amigos National Rehabilitation Center – Downey, CA**

**January 2020 – December 2020**

*Occupational Therapy Doctoral Resident: "The Development of a Rehabilitation Paradigm to Serve the People of LA County Recovering from COVID-19"*

- Developed a 150-page educational resource titled "OT Treatment and Management of COVID-19," including an evidence synthesis describing population needs and best approaches, various matrices of these needs and best practices, and resources for patient and clinician education in an inpatient setting
- Facilitated the creation of an "Intake/Discharge" and "Treatment Session" data sheet to capture ongoing clinical outcomes regarding the rehabilitative progression of COVID-19 in collaboration with Rancho Research Institute
- Informed COVID-19 education, clinical competency, and cross-trainings for hospital staff, as well as education and discharge recommendations for individuals with COVID-19 and individuals with differentiated neurological diagnoses

## ACADEMIC EXPERIENCE

**University of Southern California – Los Angeles, CA**

**January 2023 – Current**

*Clinical Assistant Professor of Occupational Therapy at USC Chan Division of Occupational Science and Occupational Therapy*

- OT 574: Enhancing Motor Control for Occupation, including laboratory experience examining approaches to assessment and remediation of motor control following upper motor neuron lesions
- OT 261: Human Physiology for Allied Health Professions, including the overview of human physiology emphasizing systems that sustain homeostasis and motion with a focus on biological foundations for a healthy lifestyle
- OT 260: Human Functional Anatomy for Allied Health Professions, a lecture and cadaver lab-based human anatomy course focused on the interaction of anatomical systems relative to functional activity, health and wellness
- OT 510: Foundations of Occupation – Kinesiology in Daily Life, which serves as a critical foundational course to understanding the basic biomechanical and musculoskeletal concepts of movement, and to be able to apply these concepts to the movements that comprise daily activities