

# **E.J. Gann PT, DPT, NCS**

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## **EDUCATION**

Kaiser Permanente Neurologic Physical Therapy Residency Program, Redwood City, CA	2018-2019
University of California, San Francisco / San Francisco State University, CA	2015-2018
Doctor of Physical Therapy	
Bethel University. St. Paul, MN	2011-2015
Bachelor of Science in Biokinetics	
Masters in Clinical Science, University of Colorado Anschutz Medical Campus	2024-present

## **LICENSURE INFORMATION/REGISTRATION NUMBER**

Physical Therapy License- *expires Oct. 30, 2024*

State of Colorado; License number PTL-0018894

## **CERTIFICATIONS**

American Board of Physical Therapy Specialties (ABPTS) Certification in Neurology (NCS) 2020

Basic Life Support (BLS) for Healthcare Providers Certified- expires January 2024

## **EMPLOYMENT & POSITIONS HELD**

Jan. 2023-present	Full-time faculty: <ul style="list-style-type: none"><li>- Senior Instructor, School of Medicine, Department of Physical Medicine and Rehabilitation, Anschutz Medical Campus</li></ul>
Oct. 2019- Dec.2022	Full-time clinical faculty: <ul style="list-style-type: none"><li>- Health Sciences Assistant Clinical Professor, University of California at San Francisco, Department of Physical Therapy and Rehabilitation Science</li></ul>
Aug. 2018- Sept. 2019	Neurologic Physical Therapy Resident <ul style="list-style-type: none"><li>- Kaiser Permanente Neurologic Physical Therapy Residency Program, Redwood City, CA</li></ul>

## **SCHOLARLY AGENDA:**

Dr. Gann's research interests span a variety of areas related to improving physical therapy practice for individuals with neurologic conditions. First, he is interested in identifying clinically feasible and sustainable interventions to improve gait and postural control for individuals with Multiple sclerosis and Huntington's disease. Second, he is interested in understanding the prevalence and prognosis of patients with functional neurologic disorders in outpatient physical therapy clinics. Finally, he is interested in advancing vestibular rehabilitation, and translating evidence-based concepts related to vestibular practice into entry level physical therapy curricula.

## **PEER REVIEWED & NON-PEER REVIEWED PUBLICATIONS**

Gann, E, Mañago, M, Allen, D, Celnikier, E, Block, V. Feasibility of Telerehabilitation-Monitored Functional Electrical Stimulation on Walking and Quality of Life in People with Multiple Sclerosis: A Case Series. *International Journal of MS Care* (2024) 26 (Q3): 214-223. <https://doi.org/10.7224/1537-2073.2023-081>.

Gann, E, Block VJ and Allen DD. A Novel Functional Electrical Stimulation Device Plus Telerehabilitation Improves Walking in People with Multiple Sclerosis: A Case Series. [poster presentation] 12<sup>th</sup> Annual International Symposium on Gait and Balance in Multiple Sclerosis. *Multiple Sclerosis and Related Disorders* 2023; 73: 104648. DOI: <https://doi.org/10.1016/j.msard.2023.104648>.

### **PROFESSIONAL PRESENTATIONS:**

Gann, E, Chao, D, Kleinschmidt, L; Enns, D, Erb-Trefilek, E, Mañago, M. A Program Evaluation of an Outpatient Interdisciplinary Clinic for Functional Neurologic Disorder. [accepted for poster presentation] Academy of Neurologic Physical Therapy Annual Conference, 2024; Columbus, OH.

Kleinschmidt, L, Gann, E, Smith, A. Case Report on Use of High Intensity Gait Training in a Patient with Cryptococcal Meningitis. [accepted for poster presentation] Academy of Neurologic Physical Therapy Annual Conference, 2024; Columbus, OH.

Arriaga-Martinez, I, Katzman, K, Gann, E. A Conservative Application of Blood Flow Restriction Training for a Patient with Facioscapulohumeral Dystrophy Status Post Scapular Fusion Surgeries. [accepted for poster presentation] 2024 California Physical Therapy Association Conference; September 2024

Dien, A, Gann, E, Sharon, J, Anzures, N, Isaak, M. Assessing the Effectiveness of Head-Held Virtual Reality Vestibular Physical Therapy: A Case Series. [accepted for poster presentation] 2024 California Physical Therapy Association Conference; September 2024

Gann, E, Mañago, MM, Allen, DD, Block, VJ. Empowering People with Multiple Sclerosis Remotely: Telerehabilitation-Enabled F.E.S. Boosts Step Count and Quality of Life. [poster presentation] In 2024 Combined Sections Meeting (CSM). APTA

Dien, A, Gann, E, Sharon, J, Anzures, N, Isaak, M. Assessing the Effectiveness of Head-Held Virtual Reality Vestibular Physical Therapy: A Case Series. [poster presentation] In 2024 Combined Sections Meeting (CSM). APTA

Gann, E, Mañago, MM, Allen, DD, Block, VJ. Telehealth Monitored FES Intervention Improves Walking in People with Multiple Sclerosis: A Case Series. [poster presentation] Academy of Neurologic Physical Therapy Annual Conference, 2023; Minneapolis, MN.

Gann, E, Arriaga, I, Mañago, MM, Struessel, T. Upper-extremity blood-flow restriction training during Lofstrand walking in a person with diastematomyelia: A Case Report. [poster presentation] APTA Colorado Chapter Conference, 2023; Golden, CO.

Dien, A, Gann, E, Gardi, A, Sharon, J. Assessing the clinical efficacy of virtual reality vestibular physical therapy. [platform presentation] California Physical Therapy Association Conference; September, 2022.

Gann, E, Block, VJ, Allen, DD. A novel functional electrical stimulation device plus telerehabilitation to improve walking function in a person with Multiple Sclerosis: A case report. [platform presentation] California Physical Therapy Association Conference; October, 2021; virtual.

Johanson, M., Jaramillo, J, & Gann, E (2020, February). Triceps Brachii in Tetraplegia: A Feasibility Study of a Novel 6-Week Home-Exercise Program. [poster presentation] In *2020 Combined Sections Meeting (CSM)*. APTA.

### **NON-PEER REVIEWED/INVITED PRESENTATIONS**

Gann, E. Physical Therapy Management of Persistent Postural Perceptual Dizziness (PPPD) [Invited presenter]. Neurologic Special Interest Community, Physical Therapy Program, University of Colorado, Anschutz Medical Campus, Aurora, CO, 2023.

Gustafson, B, Gann, E, Quinn, L, Kloos, A. Huntington's Disease Case Study. [Invited presentation] Huntington Study Group Annual Meeting, Phoenix, AZ, November 2-4, 2023.

Gann, E. An Update on A Multidisciplinary Pilot Program for Functional Neurologic Disorder [Invited presenter]. Non-Epileptic Seizure Clinical Team Meeting, Department of Neurology, Anschutz Medical Campus, Aurora, CO, 2023.

Gann, E. Introduction to Functional Neurologic Disorder [Invited presenter]. Neurologic Special Interest Community, Physical Therapy Program, University of Colorado, Anschutz Medical Campus, Aurora, CO, 2023.

Gann, E. Persistent Perceptual Postural Dizziness [Invited presenter]. University of Colorado Hospital, Rehabilitation Program, Anschutz Outpatient Pavilion, Aurora, CO, 2023.

Gann, E. VA Geri Scholars Program: Neurologic Case Discussion [Invited presenter]. Geriatric Scholars: Conference on Geriatric Physical Function. University of Colorado, Anschutz Medical Campus, Aurora, CO, 2023.

#### **MEMBERSHIP IN SCIENTIFIC/PROFESSIONAL ORGANIZATIONS:**

American Physical Therapy Association (APTA)	2015-present
Academy of Neurologic Physical Therapy	2020-present
Huntington's Study Group	2023-present

#### **HONORS AND AWARDS:**

Excellence in Interprofessional Teaching Award, UCSF Interprofessional Practice and Education	Aug. 2022
Keller Family Scholarship Recipient, UCSF DPT Program	March 2018

#### **OTHER POSITIONS HELD**

Scholarship and Awards Committee Member, University of Colorado Physical Therapy Program	Jan. 2023-present
Recruitment and Admissions Committee Member, University of Colorado Physical Therapy Program	Jan. 2023-present
Lab Management Task Force, University of Colorado Physical Therapy Program	Jan. 2023-present
Admissions Committee, UCSF Physical Therapy Program	Dec. 2019-Dec. 2022
Clinical Instructor, UCSF Physical Therapy Program	Jan. 2020-June 2022

#### **CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT ACTIVITIES**

Combined Sections Meeting; Denver, CO	Feb. 2020
UCSF Faculty Development Day	June 2020
Combined Sections Meeting [virtual]	Feb. 2021
Teach for UCSF: Small Group Teaching	May 2021
Teach for UCSF: Educational Strategies to Improve Clinical Reasoning	June 2021
Teach for UCSF: From Conflict to Collaboration in the Clinical Setting	June 2021
Teach for UCSF: Is it Hot in Here? Learning Climate in Medical Education	July 2021
Selected for Interprofessional Teaching Humanistic Fellowship at UCSF	Aug. 2021
National Center for Rehabilitative Auditory Research Conference [virtual]	Sept. 2021
Academy of Neurologic Physical Therapy Annual Conference [virtual]	Nov. 2021
APTA Clinical Instructor Level 1 Credentialing Program	March 2022
Vestibular Rehabilitation: A Competency Based Course- Emory University	April 2022
Combined Sections Meeting; San Diego, CA	Feb. 2023
12 <sup>th</sup> International Gait & Balance Symposium in Multiple Sclerosis	April 2023
Academy of Neurologic Physical Therapy Annual Conference; Minneapolis, MN.	Sept. 2023

#### **GRANTS AWARDED**

##### **UCSF Department of Physical Therapy and Rehabilitation Science (DPTRS) Seed Grant**

I was awarded an internal seed grant (MPT2017640) of \$2,000 in 2021 to support the development of early-phase investigations and junior faculty members. These funds were utilized to support the purchase of functional electrical stimulation devices from Evolution Devices, Inc (Los Angeles, CA).

##### **UCSF DPTRS Protected Time Grant**

I was awarded this internal departmental grant in 2022 which covered 10% of my FTE for 1 year to complete research activities.

**CURRENT TEACHING RESPONSIBILITIES IN THE ENTRY-LEVEL PHYSICAL THERAPY PROGRAM:**

*Spring Semester*

IPCP 5000 Interprofessional Collaborative Practice: Facilitator

DPTR 5501 Neuromuscular Conditions 1: Course Coordinator

*Summer Semester*

DPTR 6502: Neuromuscular Conditions II: Lecturer and Lab Assistant

DPTR 7651: Clinical Reasoning Capstone: Student Group Facilitator

*Fall Semester*

DPTR 5151: Motor Control/Motor Learning: Lecturer

DPTR 6503: Neuromuscular Conditions III: Lecturer and Lab Assistant

IPHE 6000: Equity and Inquiry: Student Group Facilitator