

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. 31, 2026*
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 2026

EMPLOYMENT & POSITIONS HELD

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

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 improving the outpatient physical therapy management for individuals with functional neurologic disorder. Second, 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. 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 PUBLICATIONS

Bourdillon, A, Patel, E, Chae, R, Gann, E, Dien, A, Sharon, J. A Pilot Study of Virtual Reality-Vestibular Physical Therapy for Refractory Dizziness. *Otolaryngology - Head and Neck Surgery* (in press)

Gann, E., Arriaga, I, Mañago, MM, Struessel, T. Upper extremity blood-flow restriction training applied during walking in an adult with a rare form of spina bifida: a case report. *Physiotherapy Theory and Practice*, 41(6), 1330-1338.

<https://doi.org/10.1080/09593985.2025.2490044>

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>.

MANUSCRIPTS UNDER REVIEW

Gann, E., Gove, A, Pearson, J, Erb-Trefilek, E, Watson, M, Mañago, M. Outpatient occupational therapy, physiotherapy, and speech language pathology interventions for individuals with functional neurologic disorder: a scoping review. (in review)

Gann, E., Van Zytveld, C, Gallagher, S, Zacharewicz, K, Winkler, P. A sensory adaptation program for individuals with Mal de Débarquement Syndrome: a case series (in review)

BOOK CHAPTERS

Block, V. & Gann, E., (2025). [Multiple Sclerosis]. In R. T. Lazaro (Ed.), *Umphred's neurological rehabilitation* (8th ed., pp. 485-503). Elsevier

PROFESSIONAL PRESENTATIONS:

Gann E., Allen A., Moore M., Rodriguez M., Watson M. Gender Diversity in FND: Clinical Profiles and participation in Group-Based Psychotherapy. [poster presentation] Functional Neurological Disorder Conference, 2026.

Watson M., Moore M., Parker A., Woodward J., Gann E., Strom L. The Gatekeeper's Dilemma: Why Sustainable Functional Seizure Care Begins with your Referral. [poster presentation] Functional Neurological Disorder Conference, 2026.

Watson M., Gann E., Moore M., Parker A., Woodward J., Libbon R., Pennetti A., Rodriguez M., Engels C., Ralston N., Wilson S., Strom L. Time, Trust, and Transparency: The Foundations of Developing an FMD Service Line. [poster presentation] Functional Neurological Disorder Conference, 2026.

Gann, E., Kriekels, W, Miller, C, Forster, J, Hernandez, M. Mixed Methods Evaluation of Teaching Movement Science Competencies in Entry-Level Physical Therapist Education. [poster presentation] University of Colorado Annual Education and Innovation Symposium, 2026.

Gann, E., Grove, A, Mañago, M, Swink, L. Multidisciplinary Treatment of Functional Neurologic Disorder in a Transgender Individual: A Mixed Methods Case Study. [poster presentation] APTA Colorado Chapter Conference, 2025.

Westfall, S, Dehne, T, Gann, E. A Sensory-Based Physical Therapy Approach to Improve Intimacy in Functional Neurologic Disorder: A Case Report. [poster presentation]. APTA Colorado Chapter Conference, 2025.

Martinez, M, Gann, E. Pump it Up! The Feasibility of Blood Flow Restriction Training in the Acute Physical Therapist Management of a Man with an Incomplete Spinal Cord Injury. [poster presentation]. APTA Colorado Chapter Conference, 2025.

Akay, R, Gann, E., Van Valkenburgh, L, Fowkes, H, Biondi, E, Studts, C, Christiansen, C. Usability of Wearable Motion Sensors for Telehealth Assessment in Aging Veterans with Lower-Limb Amputation. [poster presentation] Annual Conference on the Science of Dissemination and Implementation in Health, 2025.

Akay, R, Studts, C, Gann, E., Van Valkenburgh, L, Biondi, E, Christiansen, C. Patient and Clinician Perspectives on Wearable Sensor Usability in Telehealth: A Multi-Methods Evaluation. [poster presentation]. VA Research Day, 2025.

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. [platform presentation] University of Colorado Hospital Rehabilitation Symposium, 2025.

Dien, A, Gann, E, Arriaga, I. High Intensity Gait and Blood Flow Restriction Training in a Patient with Chronic Incomplete SCI. [poster presentation] Combined Sections Meeting (CSM), 2025.

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. [poster presentation] Academy of Neurologic Physical Therapy Annual Conference, 2024.

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

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. [poster presentation] California Physical Therapy Association Conference, 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. [poster presentation] California Physical Therapy Association Conference, 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] Combined Sections Meeting (CSM), 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. [poster presentation] Combined Sections Meeting (CSM), 2024.

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.

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.

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] 12th 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>.

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, 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 (virtual), 2021.

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

NON-PEER REVIEWED/INVITED PRESENTATIONS

Gann, E. Introduction to Functional Neurologic Disorder [Invited presenter- virtual]. Boulder Community Health, July 17, 2025.

Gann E. Overview and Management of Persistent Postural Perceptual Dizziness (PPPD) [Invited presenter]. Balancing Act: How to Navigate the Complexities of Dizziness, University of Colorado, Anschutz Medical Campus, Aurora, CO, 2024.

Gann, E. Functional Neurologic Disorder: Overview and Management [Invited presenter-virtual]. Brain Trust Rehab, Fort Collins, CO, 2024.

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 th International Gait & Balance Symposium in Multiple Sclerosis	April 2023
Academy of Neurologic Physical Therapy Annual Conference; Minneapolis, MN.	Sept. 2023
Academy of Neurologic Physical Therapy Annual Conference; Columbus, OH	Sept. 2024
The FND Weekend Course, ReActive, University of Kentucky	Aug. 2025
COMIRB Protocol Development Workshop	Oct. 2025
ACCORDS Introduction to Qualitative Workshop	Nov. 2025

GRANTS AWARDED

Grant: University of Colorado Department of Neurology Movement Disorders Center Pilot Grant

Funding Agency: University of Colorado Department of Neurology Movement Disorders Center

Title: Feasibility and Construct Validity of Remotely Measured Activity Behavior for Individuals with Functional Movement Disorders.

Role: Principal Investigator

Funding and Effort: \$14,798, 7.5% effort

Dates: 03/01/26-03/01/27

Description: Pilot funding to evaluate the feasibility and construct validity of remotely measured activity behavior for individuals with functional movement disorders.

UCSF Department of Physical Therapy and Rehabilitation Science 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 Department of Physical Therapy and Rehabilitation Science 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

DPTR 5001: Neuroscience: Lecturer

DPTR 5001-hyb: Neuroscience: Lecturer