

## **Marcel P. Fraix, DO, MBA, QME, FAAPMR**

Associate Dean for Admissions & Enrollment  
Professor & Chair, Department of Physical Medicine & Rehabilitation  
Chief, Section of Health Policy & Management, Department of Population Health  
College of Osteopathic Medicine of the Pacific (California) & COMP-Northwest (Oregon)  
Western University of Health Sciences

### **Education**

- University of California at Irvine / Paul Mirage School of Business; Irvine, CA; Health Care Executive M.B.A, 2014 – 2016
- Western University of Health Sciences / College of Osteopathic Medicine of the Pacific (COMP); Pomona, CA; Doctor of Osteopathic Medicine, 1998 – 2003
- Western University of Health Sciences / College of Osteopathic Medicine of the Pacific (COMP); Pomona, CA; Osteopathic Teaching Fellowship – One additional year of medical school for clinical training, study, and teaching in Osteopathic Principles & Practice, 1998 – 2003
- University of California at Los Angeles; Los Angeles, CA; B.S., Physiological Science, 1994 – 1996

### **Medical Training**

- Fellowship: Neuromusculoskeletal Medicine; Downey Regional Medical Center / Western University of Health Sciences; Downey, CA, 2007 – 2008
- Residency: Physical Medicine & Rehabilitation; University of California at Davis Medical Center; Sacramento, CA, 2004 – 2007; Co-Chief Resident, 2006 – 2007
- Internship: Pacific Hospital of Long Beach / Western University of Health Sciences; Long Beach, CA, 2003 – 2004

### **Board Certifications**

- American Board of Physical Medicine & Rehabilitation
- American Osteopathic Board of Neuromusculoskeletal Medicine

### **Current Licenses/Certifications**

- Osteopathic Medical Board of California
- DEA Certificate

### **Staff Privileges**

- Casa Colina Hospital and Centers for Healthcare, Pomona, CA
- Eisenhower Health, Rancho Mirage, CA

### **Current Memberships in Professional Societies**

- American Academy of Physical Medicine & Rehabilitation
- American Association of Neuromuscular & Electrodiagnostic Medicine
- American Osteopathic Association

## Employment

- Associate Dean & Professor, Western University of Health Sciences / College of Osteopathic Medicine of the Pacific; Pomona, CA

## Clinical Activity

- Casa Colina Hospital and Centers for Healthcare; Pomona, CA; 2010 – present
  - Patient care for spine, orthopedic and sports-related conditions & electrodiagnostic testing
  - Patient care for general rehabilitation conditions, including spinal cord and traumatic brain injury
- WesternU Health; Pomona, CA; 2008 – present
  - Patient care for spine, orthopedic and sports-related conditions & electrodiagnostic testing
- Eisenhower Health / Argyros Health Center; La Quinta, CA; 2019 – present
  - Patient care for spine, orthopedic and sports-related conditions with the integration of osteopathic manual medicine

## Consultation Activity

- Qualified Medical Evaluator
- Case review, independent medical examination, expert testimony; 2012 – present
  - Review medical cases, perform independent medical examinations and provide expert opinion/testimony
  - Areas of expertise
    - Musculoskeletal disorders: Low back & neck pain
    - Rehabilitation-related disorders: Spinal cord & traumatic brain injury
    - Manual medicine: Treatment provided for musculoskeletal disorders
    - Utilization: Medical services provided in the areas of rehabilitation & pain management
  - Combine clinical and academic experience with an evidence-based approach

## Academic History

- Western University of Health Sciences / College of Osteopathic Medicine of the Pacific; Pomona, CA
  - Assistant Professor, Department of Osteopathic Manipulative Medicine; 2008 – 2010
  - Assistant Professor, Department of Physical Medicine & Rehabilitation; 2011 – 2013
  - Associate Professor & Chair, Department of Physical Medicine & Rehabilitation; 2014 – 2020
  - Assistant Dean, College of Osteopathic Medicine of the Pacific; 2017 – present
  - Chief, Section of Health Policy & Management, Department of Population Health Science; 2019 – present
  - Professor & Chair, Department of Physical Medicine & Rehabilitation; 2020 – present

## Administrative Responsibilities

- Western University of Health Sciences / College of Osteopathic Medicine of the Pacific; Pomona, CA
  - Chair, Department of Physical Medicine & Rehabilitation; 2012 – present
  - Chair, Department of Clinical Sciences; 2014 – 2018
  - Chair, Admissions Committee: College of Osteopathic Medicine of the Pacific; 2019 – present
  - Assistant Dean for Admissions & Enrollment, College of Osteopathic Medicine of the Pacific; 2020 – 2021
  - Associate Dean for Admissions & Enrollment, College of Osteopathic Medicine of the Pacific; 2021 – present
- Casa Colina Hospital and Centers for Healthcare; Pomona, CA
  - Program Director, Physical Medicine & Rehabilitation Post-Doctoral Training Program; 2011 – 2016

## Academic/Teaching Responsibilities

- Western University of Health Sciences / College of Osteopathic Medicine of the Pacific; Pomona, CA
  - Course Director
    - Musculoskeletal Course; 2009 – 2017
  - Lecturer
    - Musculoskeletal Course; 2008 – 2018
    - Osteopathic Principles & Practice Courses; 2008 – 2014
    - Population Health Science Course; 2020 – present
  - Clerkship Preceptor
    - Primary Preceptor, Physical Medicine & Rehabilitation Clerkship; 2011 – present
    - Co-preceptor, Osteopathic Manipulative Medicine Clerkship; 2008 – 2014
- Casa Colina Hospital and Centers for Healthcare; Pomona, CA
  - Electrodiagnostic medicine curriculum for PM&R resident physicians
- Eisenhower Health; Rancho Mirage, CA
  - Director of Osteopathic Education

## Grant Funding

- American Osteopathic Association Council on Research and the Osteopathic Heritage Foundation grant for the study “Effectiveness of Osteopathic Manipulative Treatment (OMT) and Vestibular Rehabilitation Therapy (VRT) Alone or in Combination on Balance and Visual Function in Patients with Vertigo and Somatic Dysfunction.” Amount: \$99,790

## Peer-Reviewed Journal Articles

### Primary Author

- Fraix M, Badran S, Graham V, Redman-Bentley D, Hurwitz EL, Quan VL, Yim M, Hudson-McKinney M, Seffinger MA. Osteopathic manipulative treatment in individuals with vertigo and somatic dysfunction: a randomized, controlled, comparative feasibility study. *J Osteopath Med.* 2021 Jan 1;121(1):71-83.
- Fraix M, Gordon A, Graham V, Hurwitz E, Seffinger MA. Use of the SMART Balance Master to quantify the effects of osteopathic manipulative treatment in patients with dizziness. *J Am Osteopath Assoc.* 2013 May;113(5):394-403.
- Fraix, M. Role of the Musculoskeletal System and the Prevention of Falls. *J Am Osteopath Assoc.* 112(1):17-21, 2012.
- Fraix M. Osteopathic Manipulative Treatment and Vertigo: A Pilot Study. *PM&R* 2:612-618, 2010.

### Secondary Author

- Cao R, Islamoglu H, Teskey G, Gyurjian K, Abraham R, Onajole OK, Lun S, Bishai W, Kozikowski AP, Fraix MP, Sathananthan A, Zhong L, Stec J, Venketaraman V. The preclinical candidate indole-2-carboxamide improves immune responses to Mycobacterium tuberculosis infection in healthy subjects and individuals with type 2 diabetes. *Int Microbiol.* 2020;23(2):161-170.
- Cao R, Teskey G, Islamoglu H, Gutierrez M, Salaiz O, Munjal S, Fraix MP, Sathananthan A, Nieman DC, Venketaraman V. Flavonoid Mixture Inhibits Mycobacterium tuberculosis Survival and Infectivity. *Molecules.* 2019 Feb 28;24(5).
- Teskey G, Cao R, Islamoglu H, Medina A, Prasad C, Prasad R, Sathananthan A, Fraix M, Subbian S, Zhong L, Venketaraman V. The Synergistic Effects of the Glutathione Precursor, NAC and First-Line Antibiotics in the Granulomatous Response Against Mycobacterium tuberculosis. *Front Immunol.* 2018 Sep 12; 9:2069.
- Islamoglu H, Cao R, Teskey G, Gyurjian K, Lucar S, Fraix MP, Sathananthan A, Chan JK, Venketaraman V. Effects of ReadiSorb L-GSH in Altering Granulomatous Responses against Mycobacterium tuberculosis Infection. *J Clin Med.* 2018 Mar 1;7(3). pii: E40.

## Book Chapters

- Fraix M. Chapter 47: Fibromyalgia. Swanson's Family Medicine Review: A Problem-Oriented Approach 9<sup>th</sup> Ed. Philadelphia: Elsevier 239-244, 2021.
- Fraix M. Chapter 49: Rheumatoid Arthritis. Swanson's Family Medicine Review: A Problem-Oriented Approach 9<sup>th</sup> Ed. Philadelphia: Elsevier 249-254, 2021.
- Fraix M, Nguyen A. Chapter 50: Osteoarthritis Swanson's Family Medicine Review: A Problem-Oriented Approach 9<sup>th</sup> Ed. Philadelphia: Elsevier 254-258, 2021.
- Fraix M, Nieman D, Dreibelbis R, Giusti R. Chapter 17: Energy Balance: Nutrition, Exercise and The Metabolic Model. Foundations of Osteopathic Medicine 4th Ed. Philadelphia: Lippincott Williams & Wilkins 375-401, 2019.
- Fraix M, Nieman D, Giusti R. Chapter 20: Lifestyle Medicine - Osteopathic Perspectives. Foundations of Osteopathic Medicine 4th Ed. Philadelphia: Lippincott Williams & Wilkins 436-455, 2019.
- Fraix M, Wieting M, Lipton J. Chapter 44: Osteopathic Considerations in Physical Medicine and Rehabilitation. Foundations of Osteopathic Medicine 4th Ed. Philadelphia: Lippincott Williams & Wilkins 1319-1331, 2019.
- Fraix M, Seffinger M. Acute Low Back Pain. Foundations of Osteopathic Medicine, 3<sup>rd</sup> Ed. Philadelphia: Lippincott Williams & Wilkins 1006-17, 2011.
- Hruby R, Fraix M, Giusti R. Cervicogenic Headache. Foundations of Osteopathic Medicine, 3<sup>rd</sup> Ed. Philadelphia: Lippincott Williams & Wilkins 939-944, 2011.
- Seffinger M, Sanchez J, Fraix M. Acute Neck Pain. Foundations of Osteopathic Medicine, 3<sup>rd</sup> Ed. Philadelphia: Lippincott Williams & Wilkins 979-988, 2011.

## Honors & Awards

- 2021 *Journal of Osteopathic Medicine* Clinical Research Award
- U.C. Irvine Health Care Executive MBA Program Awards - Class of 2016
  - Outstanding Leader Award
  - Academic Excellence Award
  - Dean's Scholar Award
- Outstanding Clinical Faculty for Class of 2015 – Doctor of Osteopathic Medicine
- Outstanding Clinical Faculty for Class of 2014 – Doctor of Osteopathic Medicine

## Presentations

- Provided upon request.