

Hunter Vincent

26342 Fairside Rd, Malibu, CA, 90265
(805) 423- 5812: huntervincent35@gmail.com

Education / Training

- **University of California: Los Angeles / VA**
2019-present
Fellow in Pain Medicine
- **University of California: Davis** 2016- 2019
Resident Physician in Physical Medicine and Rehabilitation, involving a variety of PM&R based specialties in both inpatient and outpatient settings.
 - Chief resident as PGY-4
- **College Medical Center. Long Beach, Ca** 2015 - 2016
PGY-1 rotating internship year. House staff responsibilities including inpatient and outpatient medical care in a variety of medical specialties.
- **Touro College of Osteopathic Medicine: New York**
2011 - 2015
- **University of California: Davis** 2003 - 2008
Bachelor of Science: Exercise Biology

Work Experience

- **Performance Coach and Functional Movement Specialist:**
2009
PRO Sports Performance Center. Redmond, Wa.
Responsible for athlete functional assessments, as well as design and periodization and design of strength and conditioning programs for amateur and professional athletes.
- **Program Coordinator:** 20/20 Lifestyles
2008 - 2009
Collaborated with physicians, physical therapists, nutritionists, and psychologists to design and facilitate adult and child exercise/nutrition plans for the 20/20 Lifestyles program, a multi-faceted weight loss and behavior modification program partnered with Microsoft in Bellevue, WA.

Research Experience

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- **Co-researcher: MS Connect IIS Study** 2017 - present
Investigator Initiated Study focused on designing and testing a centralized digital mobile platform for disease management in Multiple Sclerosis.
Principle Investigator: Dr. Mary Ann Picone
- **Co-founder: Regenerative Orthobiologics Registry** 2017
A digital data registry focused on collecting patient reported outcomes with the use of orthobiologics for musculoskeletal and spine pathology.
- **Research Scholar: FCMSC** 2014
Organization: Foundation of Consortium of Multiple Sclerosis Centers
Mentor: Dr. Mary Ann Picone: Holy Name MS Center
Proposal: *Utilizing Technology to Improve Patient Adherence and Professional Patient Monitoring for at-home exercise program in patients with MS*
- **Clinical Research Coordinator: Orthohealing Center** 2013 – Present
Facilitate research and textbook chapter publications for group of physicians at a sports and spine practice in Los Angeles, CA.
- **Research Assistant: LA Biomed** 2010
Assisted with Cardiac CT Scan measurements and biometric data analysis for patients with coronary artery disease
Research mentors: Cardiologists Dr. Matthew Budoff & Dr. Naser Ahmadi.
- **Laboratory Assistant: UC Davis Performance Lab** 2006
Assisted with anthropometric & metabolic analysis of UC Davis intercollegiate athletes
Research mentors: James Shaffrath and Gretchen Casazza

Publications

Articles in Professional Peer Reviewed Journals:

- Delgado D, Garate A, Vincent H, Miren A, et al. Current Concepts in Intraosseous Platelet Rich Plasma Injections for Knee Osteoarthritis. *Journal of Clinical Orthopaedics and Trauma*. 2018. 1-6
- Sampson S, Smith J, Vincent H, Aufiero D, Zall M, Botto-van-Bemden A. Intra-articular Bone Marrow Concentrate (BMC) Injection Protocol: Short Term Efficacy in Osteoarthritis. *Regenerative Medicine*. 2016. Sep;11(6):511-20 (PMID: 27527808)

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- Lana JFSD, Weglein A, Sampson S, Vicente EF, Huber SC, Souza CV, Ambach MA, Vincent H, Urban-Paffaro A, Onodera CMK, Annichino-Bizzacchi JM, Santana MHA, Belangero WD. Randomized controlled trial comparing hyaluronic acid, platelet-rich plasma and the combination of both in the treatment of mild and moderate osteoarthritis of the knee. *Journal of Stem Cells and Regenerative Medicine*. 2016. Nov 29;12(2):69-78 (PMID: 28096631)
- Aufiero D, Vincent H, Sampson S, Bodor M. Regenerative Injection Treatment in the Spine: Review and Case Series with Platelet Rich Plasma. *Journal of Stem Cell Research, Reviews, and Reports*. May 2015.

Abstracts:

- Sampson S., Smith J., Vincent H., Aufiero D., Zall M., Botto-van-Bemden A. Intra-articular Bone Marrow Concentrate (BMC) Injection Protocol: Short Term Efficacy in Osteoarthritis. *Healthy Aging Research*. 2017.6:2.A21
- Youn T, Vincent H, Sampson S. Pulsed Electromagnetic Field Therapy: Potential Clinical Applications and Cellular Mechanisms. *Healthy Aging Research*. 2014. 3:1.A37
- Sampson S, Vincent H, Aufiero D, Thakral V, Botto-van Bemden A. Autologous Bone Marrow Concentrate: Review and Application of a Novel Intra-Articular Orthobiologic for Cartilage Disease. *Healthy Aging Research*. 2014. 3:1:A29
- Vincent H, Botto-van Bemden A, Sampson S. Biomarkers in Osteoarthritis. *Healthy Aging Research*. 2014.3:1:A30
- Sampson S, Vincent H, Aufiero D. *Orthobiologics: The New Frontier of Orthopaedics*. *Healthy Aging Research*. 2014. 3:1:A28

Reviews and Editorials:

- Steven S, Hunter V, Mary A A, Edwin A. Orthobiologics: Where are we now?. *Nov Tech Arthritis Bone Res*. 2017; 2(1) : 555576.
- Sampson S, Vincent H, Aufiero D, Botto-van Bemden A. Orthobiologics: A New Frontier for Musculoskeletal Disease. *The Journal of Stem Cell Research and Transplantation*. Sept 2014.
- Sampson S, Vincent H, Aufiero D. The History of Orthobiologics: A New Frontier for Orthopaedics. *Orthopreneur*. April 2014.
Available at: <http://www.orthopreneurpub.com/component/content/article/498-the-history-of-orthobiologics-a-new-frontier-of-orthopaedics>

Posters:

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- Sampson S, Smith J, Vincent H, Aufiero D, Zall M, Botto Van-Bemden A. Intraarticular Bone Marrow Concentrate (BMC) Injection Protocol: Short Term Efficacy and Safety for Osteoarthritis. The Orthobiologic Institute 7th annual symposium, June 10-12, 2016.
- Vincent H, Picone MA. Utilizing Technology to Improve Patient Adherence and Professional Patient Monitoring for at-home exercise program in patients with MS. CMSC annual meeting. June 3 - 6, 2015.
- Vincent H, Sampson S, Aufiero D. Orthobiologics: The New Frontier of Orthopaedics. Touro College of Osteopathic Medicine- NYC Research Day. 2014.
- Sampson S, Vincent H, Aufiero D. Orthobiologics: The New Frontier of Orthopaedics. TOBI: The Orthobiologic Institute Annual Symposium. 2014.
- Vincent H, Botto-van Bemden A., Sampson S. Biomarkers in Osteoarthritis. TOBI: The Orthobiologic Institute Annual Symposium. 2014.
- Sampson S, Vincent H, Aufiero D, Thakral V, Botto-van Bemden A. Autologous Bone Marrow Concentrate: Review and Application of a Novel Intra-Articular Orthobiologic for Cartilage Disease. TOBI: The Orthobiologic Institute Annual Symposium. 2014.
- Youn T, Vincent H, Sampson S. Pulsed Electromagnetic Field Therapy: Potential Clinical Applications and Cellular Mechanisms. TOBI: The Orthobiologic Institute Annual Symposium. 2014.
- Sampson S, Vincent H, Aufiero D, Thakral V, Botto-van Bemden A. Autologous Bone Marrow Concentrate: Review and Application of a Novel Intra-Articular Orthobiologic for Cartilage Disease. Orthopedic Manufacturing & Technology Exposition and Conference. 2014.

Textbook Chapters:

- Vincent H, Picone MA. Evaluation and Diagnosis of Multiple Sclerosis. *Multiple Sclerosis for the Non Neurologist*. Wolters Kluwer. 2018. [In Production]
- Solberg J, Vincent H. Rational Analgesic Poly Pharmacotherapy: A novel treatment approach in Pain management. Primary Care Pain Management. Wolters Kluwer. 2018
- Sampson S, Vincent H, Ambach M. "Biologics in Clinical Setting: Standardization and Collaboration". *Essentials of Regenerative Medicine in Interventional Pain Management*. Eds. Laxmaiah Manchikanti, Annu Navani. [In Review]
- Sampson S, Vincent H, Ambach M. "Education and Standardization of Orthobiologics: Past, Present, and Future". *Platelet Rich Plasma in Orthopaedics, Sports Medicine & Oral and*

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Maxillofacial surgery. Eds. Eduardo Anitua, Mikel Sanchez, Ramon Cugat. Springer International Publishing. 2018.

- Sampson S, Vincent H, Ambach M. "Education and Understanding Orthobiologics: Then and Now". *Bio-orthopaedics: A new Approach*. Eds. Alberto Gobbi et al. Springer-Verlag Berlin Heidelberg. 2017. 41-46
- Picone MA, Vincent H, Blitz-Shabbir K, Youn West C, Akinsanya J. "Lower Extremity Signs and Symptoms of Multiple Sclerosis". *Systemic Disease Manifestations in the Foot, Ankle and Lower Extremity, 1st Edition*. Eds. Rock Positano et al. Wolters Kluwer. 2017.

Platform Presentations:

- The Orthobiologic Institute annual symposium 2019
Conference moderator
- CMSC: Consortium of Multiple Sclerosis Centers annual conference 2019
Neuroinnovator contest finalist
- The Orthobiologic Institute annual symposium 2018
Conference moderator
- The Orthobiologic Institute annual symposium 2017
Conference moderator
- International Symposium of Intraarticular Therapy annual symposium 2017
Intra-articular Bone Marrow Concentrate (BMC) Injection Protocol: Short Term Efficacy in Osteoarthritis
- CMSC: Consortium of Multiple Sclerosis Centers annual conference 2015
Utilizing Technology to Improve Patient Adherence and Professional Patient Monitoring for at-home exercise program in patients with MS

Awards & Scholarships:

- **CMSC Neuroinnovator Finalist:** 2019
Consortium of Multiple Sclerosis Centers
- **William Fowler Research Award:** 2019
Award for best resident research project
- **Award for "Best Platform Presentation":** 2015

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CMSC: Consortium of Multiple Sclerosis Centers Annual conference

- **FCMSC: MS Workforce of the Future Research Scholarship:** 2014
Organization: Foundation of the Consortium of Multiple Sclerosis Centers
Proposal: *Utilizing Technology to Improve Patient Adherence and Professional Patient Monitoring for at-home exercise program in patients with MS*
- **Award for “Best Poster”:** 2014
Biomarkers in Osteoarthritis
TOBI: The Orthobiologic Institute 5th Annual Symposium
- **Stewardship Award:** 2010
St John’s Hospital Volunteer Program. Santa Monica, CA
- **“Most Inspirational Player”:** 2007
One of only 2 awards presented annually for UC Davis Men’s soccer players.

Extracurricular

- **Camp Medical Volunteer: MDA summer camp** 2018
Performed daily medication distribution and on site medical treatment for camp attendees with variety of neuromuscular diseases
- **Sideline Medical Coverage: UC Davis Athletics** 2016- 2018
Performed sideline medical coverage for men’s soccer and basketball.
- **Orthohealing Center Medical Blog**
2013 - 2017
Composed blog articles about emerging research in the field of sports medicine, orthopedics and regenerative medicine for a patient-focused demographic.
<http://www.orthohealing.com/blog/>
- **TOBI: The Orthobiologic Institute Research Blog** 2013 - 2016
Composed blog articles about the most current advancements in Platelet Rich Plasma and regenerative cellular therapies for a physician-focused demographic
<http://www.prpseminar.com/category/blog/>
- **Medical Tent Volunteer: Huntington Beach Marathon** 2014
Performed race day medical assistance for marathon participants

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- **Medical Tent Volunteer: Special Olympics** 2011- 2013
Medical assistance and initial evaluations for participating athletes at several special Special Olympics' events in New York and New jersey
- **St John's Health Center Volunteer:** 2010
Assisted Oncology dept. with patient care and floor organization at St. John's Hospital in Santa Monica, CA
- **"Care Extender" Volunteer:** 2010
Volunteered in the ICU, CCU, Orthopedics, Pediatrics, NICU and Labor and Delivery, assisting nursing staff with floor organization and patient care at UCLA medical center, Santa Monica, CA.
- **Teaching Assistant for Gross Anatomy Lab:**
2007
UC Davis Anatomy Dept.
Instructed large and small groups on human anatomy in a human cadaver lab. Responsible for prosection dissection, preparation, and maintenance.
- **UC Davis Collegiate Soccer Player:** 2003- 2007
Division I: Big West Conference