



## Curriculum Vitae – Bobby Nourani, DO

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### EDUCATION

#### Undergraduate

1999-2003      University of California, San Diego  
 Major: Biochemistry/Cell Biology  
 Minor: Health-Care & Social Issues  
 San Diego, CA

#### Graduate/Medical School

2004-2008      Midwestern University, Arizona College of Osteopathic Medicine  
 Doctorate of Osteopathic Medicine  
 Glendale, AZ

#### Residency

2008-2011      Pacific Hospital of Long Beach  
 Co-Chief Resident — June 2010-2011  
 Family Medicine Residency — June 2009-2011  
 Internship — June 2008-2009  
 Long Beach, CA

#### Postgraduate/Fellowship

2011-2012      Mercy Health Partners  
 Neuromusculoskeletal Medicine — 1 year Fellowship  
 Muskegon, MI

2016      Certified in Medical Acupuncture for Physicians by Helms Medical Institute —  
 6-month course

### CERTIFICATION AND LICENSURE

#### Specialty/Subspecialty Certification

March 2019      Fellow of the American Academy of Osteopathy (FAAO)  
 June 2017      Certificate of Added Qualification in the Subspecialty of Pain Medicine (Board  
 Certification Equivalent)  
 December 2013      Board Certified Neuromusculoskeletal & Osteopathic Manipulative Medicine  
 August 2011      Board Certified Family Medicine and Osteopathic Manipulative Treatment

### PRESENT APPOINTMENT/POSITION

Apr 2019-Present      Associate Clinical Professor  
 Inpatient Integrative Medicine Medical Director  
 University of California Irvine, School of Medicine



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Susan Samueli Integrative Health Institute, Department of Medicine,  
Department of Family Medicine, Irvine, CA

### PAST APPOINTMENTS/POSITIONS

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|-------------------|--|
| Sep 2015-Feb 2019 | Assistant Clinical Professor<br>Clinical Health Sciences (CHS) Track<br>University of Wisconsin School of Medicine and Public Health, Department of<br>Family Medicine and Community Health, Madison, WI |
| Jul 2017-Feb 2019 | Osteopathic Program Director of Curriculum and Instruction<br>University of Wisconsin Department of Family Medicine and Community<br>Health  |
| Apr 2013-Aug 2015 | Physician, Urgent Care and Family Medicine Locum Tenens at Tracy Zweig<br>Associates, Santa Monica and Orange County, CA   |
| Apr 2013-Aug 2015 | Physician, Urgent Care for Lakeside Community Healthcare, Burbank and<br>West Covina, CA   |
| Dec 2012-Aug 2015 | Bobby Nourani, D.O., Medical Corporation, private practice, Santa Monica<br>and Orange County, CA  |
| Mar 2012-Oct 2012 | Urgent Care Physician, Mercy Health Partners, Muskegon, MI   |
| Dec 2009-Jun 2011 | Urgent Care Physician, Universal Care Medical Center, Long Beach, CA   |

### PROFESSIONAL SOCIETY MEMBERSHIPS

- |              |   |
|--------------|---|
| 2016-Present | Member, American Academy of Osteopathy Publications Committee |
| 2016-Present | Reviewer, The American Academy of Osteopathy Journal (AAOJ)   |
| 2015-Present | Member, The American Association of Orthopaedic Medicine      |
| 2010-Present | Member, Hackett Hemwall Patterson Foundation                  |
| 2008-Present | Member, The Cranial Academy                                   |
| 2008-Present | Member, American College of Osteopathic Family Physicians     |
| 2005-Present | Member, American Academy of Family Practice Physicians        |
| 2004-Present | Member, American Osteopathic Association                      |
| 2004-Present | Member, American Medical Association                          |
| 2005-2008    | Vice President, Student Osteopathic Medical Association       |



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1998-1998                      Founder and President, The Ecology Club

### HONORS AND AWARDS

2015	Outstanding Preceptor for AZCOM Students Academic Year 2014-2015. Arizona College of Osteopathic Medicine, Department of Clinical Education
2011	The Osteopathic Principles in Practice Award for residents, Pacific Hospital of Long Beach
2010	The Osteopathic Principles in Practice Award for residents, Pacific Hospital of Long Beach
2009	The Osteopathic Principles in Practice Award for residents, Pacific Hospital of Long Beach
2009	Certificate of Appreciation, Pacific Hospital of Long Beach
2009	1 <sup>st</sup> Place: Pacific Hospital of Long Beach Resident Research
2000	Emerging Leaders Program, University of California at San Diego

### GRANT SUPPORT

#### Current Support

#### Past Support

1. University of Wisconsin Department of Family Medicine and Public Health Small Grant  
Multiple modality integrative care for chronic low back pain: A quality improvement project  
January 1, 2017 – Feb 2019  
Role: Principal Investigator  
\$25,000
  
2. 2017 Summer Student Research and Clinical Assistantship (SSRCA)  
Coccydynia: Treatment modalities and a case report  
Summer 2017  
Role: Principal Investigator  
Mentored: Ross Gilbert, MSI  
\$5,000
  
3. 2017 Shapiro Summer Research Program  
Effects of prolotherapy on objectively assessed knee osteoarthritis  
Summer 2017  
Role: Principal Investigator  
Mentored: David Marshall, MSI  
\$5,000



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4. 2016 Summer Student Research and Clinical Assistantship (SSRCA)  
Effects of prolotherapy on objectively assessed knee osteoarthritis  
Summer 2016  
Role: Principal Investigator  
Mentored Maggie Smith, MSI  
\$5,000
5. 2016 Shapiro Summer Research Program  
Effects of prolotherapy on objectively assessed knee osteoarthritis  
Summer 2016  
Role: Principal Investigator  
Mentored Stephanie Lakritz, MSI  
\$5,000

### Major Past Awards

Pacific Hospital of Long Beach Resident Research — 2008-2009  
Awarded for independent laboratory research and publishable article: *Infection control: Comparing alcohol-based hand sanitizers to Byotrol (and chlorhexidine) in preventing the transmission of health-care associated pathogens*  
Long Beach, CA

## PUBLICATIONS

### Refereed Articles

1. Van Leuven L, Benes L, Fortney L, Slattengren A, **Nourani B**, Grettie J, Rabago D. Qualitative Aspects of Treatment with Hypertonic Dextrose Injection (Prolotherapy) for Knee Osteoarthritis in a Multi-Method Study; *J of Alt and Comp Med*; 22(6): A143-A150; 2016
2. **Nourani B**, Gilbert R, Rabago D. The Treatment of Coccydynia and Headaches with Transrectal OMT: A Case Report. Submitted to the *Journal of Bodywork and Movement Therapies*; Dec 2018
3. Rabago D, Kansariwala I, Marshall D, **Nourani B**, Stiffler-Joachim M, Heiderscheit B. Dextrose Prolotherapy for Symptomatic Knee Osteoarthritis: Feasibility, Acceptability and Patient-oriented Outcomes in a Pilot-level Quality Improvement Project; *J of Alt and Comp Med*; Jan 28, 2019. doi.org/10.1089/acm.2018.0361
4. **Nourani B**, Gilbert R, Rabago D. The Treatment of Headache and Coccydynia with Transrectal OMT: A Case Report. *Scholar: Pilot and Validation Studies*; Jan 2020. doi:10.32778/spvs.71366.2020.4



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5. Castillo R, Marvin H, Rabago D, **Nourani B**, Hodge L. Dextrose-Based Prolotherapy Induces Apoptosis and Reduces the Release of Inflammatory Mediators from Macrophages. Submitted 2019

### Non-Peer Reviewed Articles

1. **Nourani B**, Rabago D. Prolotherapy for Knee Osteoarthritis: A descriptive review; *Current Physical Medicine and Rehabilitation Reports*; Vol 4, Issue 1, pp 42-49. March 3, 2016
2. Rabago D, **Nourani B**. Prolotherapy for Osteoarthritis and Tendonopathy: A descriptive review; *Current Rheumatology Reports*. Vol 19, Issue 34. 2017. doi:10.1007/s11926-017-0659-3

### Book Chapters

1. Rabago D, **Nourani B**, Weber M; Prolotherapy for Chronic Musculoskeletal Pain; *Integrative Medicine* 4th Ed; David Rakel Ed; Elsevier Saunders; 2018
2. **Nourani, B**; Prolotherapy for Knee Pain with Enthesopathy. *Foundations of Osteopathic Medicine* 4<sup>th</sup> Ed; Michael Seffinger Ed; Lippincott Williams & Wilkins; 2018
3. Rabago D, **Nourani B**, Reeves K, Weber M. Prolotherapy: History, Biology, Mechanism of Action, Preparation, and Clinical Applications; *Essentials of Regenerative Medicine in Interventional Pain Management*; Manchikanti L and Navani A Eds; American Society of Interventional Pain Physicians Publishing; Padukah KY; 2019
4. **Nourani B**. Introspection and Measurement of Subjective Pain Experience; *Pain: A Review Guide*; Abd-Elsayeed A Ed; Springer; 2019

### Peer Reviewed Abstracts (Presented as oral podium presentations unless otherwise noted)

1. Rabago D, **Nourani B**, Mundt M, Zgierska A, Grettie J. *Hypertonic Dextrose Injection (Prolotherapy) to Multiple Tissues for Knee Osteoarthritis: Long Term Outcomes*; Podium Presentation at the Fourth International Fascia Research Congress; Washington DC, September 18-20, 2015
2. Van Leuven L, Benes L, Fortney L, Slattengren A, **Nourani B**, Grettie J, Rabago D. *Qualitative Aspects of Treatment with Hypertonic Dextrose Injection (Prolotherapy) for Knee Osteoarthritis in a Multi-Method Study*; Poster Presentation at the International Congress on Integrative Medicine & Health (ICIMH); May 20; Las Vegas Nevada, 2016



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3. Marshall D, **Nourani B**, Kansariwala I, Gilbert R, Hayer S, Smith M, Lakritz S, and Rabago D. *Prolotherapy for symptomatic knee osteoarthritis: In-progress quality improvement data*; Poster Presentation at the Shapiro Summer Research Symposium. Madison, WI; November 2017
4. Rabago D, Marshall D, Kansariwala I, **Nourani B**, Heiderscheidt B, Stiffler-Joachim; *Dextrose prolotherapy for knee OA in routine clinical practice: Self-reported and objectively assessed outcomes in a feasibility study*; Poster Presentation at the North American Primary Care Research Group (NAPCRG) 46<sup>th</sup> Annual Conference; Chicago IL; November 10; 2018

### INVITED RESEARCH PRESENTATIONS

#### National/International

- |          |   |
|----------|---|
| Oct 2019 | <b>Nourani B.</b> Prolotherapy for the Thoracic Spine and Ribs (60 minute lecture presentation). The Anatomy of Myofascial Pain with Prolotherapy; The Hackett Hemwall Patterson Foundation, University of Wisconsin, Madison, WI   |
| Oct 2019 | <b>Nourani B.</b> Multiple Modality Care for Chronic Low Back Pain: A Quality Improvement Project (30 min lecture presentation). Hackett Hemwall Patterson Foundation, University of Wisconsin; Madison, WI   |
| May 2019 | <b>Nourani B.</b> Inpatient Integrative Health Consult Service: Indications, Patient Outcomes, Quality Outcome Measures. University of California Leadership Forum. Santa Ana, CA   |
| Mar 2019 | <b>Nourani B.</b> Multiple Modality Care for Chronic Low Back Pain: A Quality Improvement Project (60 min lecture presentation). American Academy of Osteopathy; Orlando, FL  |
| Mar 2019 | <b>Nourani B.</b> Coccydynia Evaluation and Management: A Quality Improvement Project (60 min lecture presentation). American Academy of Osteopathy; Orlando, FL  |
| Nov 2018 | Rabago D, Marshall D, Kansariwala I, <b>Nourani B</b> , Heiderscheidt B, Stiffler-Joachim M. Dextrose Prolotherapy for Knee OA in Routine Clinical Practice: Self-reported and Objectively Assessed Outcomes in a Feasibility Study (poster); North American Primary Care Research Group (NAPCRG) 46 <sup>th</sup> Annual Conference; Chicago, IL |
| Oct 2018 | <b>Nourani, B.</b> Multiple Modality Integrative Care Including Prolotherapy for Chronic Low Back Pain: A Quality Improvement Project. The Hackett Hemwall Patterson Foundation, The Anatomy of Myofascial Pain with Prolotherapy, Madison, WI  |





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- Nov 2017 Marshall D, **Nourani B**, Kansariwala I, Gilbert R, Hayer S, Smith M, Lakritz S, Rabago D. Prolotherapy for Symptomatic Knee Osteoarthritis: In-progress Quality Improvement Data (Poster). Shapiro Summer Research Symposium. Madison, WI
- Oct 2017 **Nourani, B**. The Hackett Hemwall Patterson Foundation, The Anatomy of Myofascial Pain with Prolotherapy, Madison, WI
1. Development and Assessment of an Injection Assist Device: UW Biomedical Engineering Student Project
  2. Mentored two UW School of Medicine and Public Health MSII students on their summer project that yielded their invitation and presentation on: Clinic-based Assessment in Knee OA and Coccyalgia
  3. Initiated and facilitated joint research between the University of Wisconsin and the University of North Texas Health Science Center on the basic laboratory science research on the mechanism of dextrose prolotherapy. Outcome included invited research presentation with our collaborator Lisa Hodge, PhD, titled: Back to Basics: In-vitro Dextrose Inhibition of Macrophage Activity in an invited presentation
- Oct 2016 **Nourani B**. Fascia in the Context of Prolotherapy: Clinical and Research Considerations. The Hackett Hemwall Patterson Foundation, The Anatomy of Myofascial Pain with Prolotherapy, Madison, WI
- Oct 2015 **Nourani B**. The Hackett Hemwall Patterson Foundation, The Anatomy of Myofascial Pain with Prolotherapy, Madison, WI
1. Prolotherapy for the Thoracic Spine and Ribs
  2. Prolotherapy and Tissue Planes: Considering Fascia in a Long Term Knee OA Study

## INVITED EDUCATIONAL ACTIVITIES AND PRESENTATIONS

### Departmental

- Nov 2018 Nourani B, Robinson M. Osteopathic Principles and Applications of Fulford's Percussion Hammer, Lecture & Lab. The University of Wisconsin Department of Family Medicine Osteopathic Residency Program Statewide Conference, Baraboo, WI
- Nov 2017 Nourani B, Huff R. Long Lever Techniques: An Osteopathic Clinical Guide. The University of Wisconsin Department of Family Medicine Osteopathic Residency Program Statewide Conference, Baraboo, WI
- Oct 2017 University of Wisconsin Department of Family Medicine and Community Health Procedures Fair. Volunteer educator for ultrasound workshop, Madison, WI
- May 2017 Osteopathic Continuous Certification. The University of Wisconsin Department of



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Family Medicine Osteopathic Residency Program Statewide Conference, Baraboo, WI

Nov 2014 Low Back Pain: Clinical Review, Case Studies, Osteopathic Applications and Treatment, the University of Wisconsin Department of Family Medicine Osteopathic Residency Program Statewide Conference, Baraboo, WI

Nov 2014 Small Intestinal Bacterial Overgrowth, the University of Wisconsin Department of Family Medicine, Madison, WI

### Statewide

June 2018 Peripartum Osteopathy for Mom and Baby: When, Why, How. The Milk Mob, The Art and Science of Breastfeeding annual conference. Madison, WI

Oct 2017 Coccydynia: Evaluation, diagnosis, novel treatment write-up, standard treatments, and case reports. Wisconsin Association of Osteopathic Physicians and Surgeons, Madison, WI

### National/International

Mar 2019 Nourani, B. Coccydynia: Osteopathic Considerations in Treatment (120 min workshop). American Academy of Osteopathy; Orlando, FL

Oct 2018 Prolotherapy for the Thoracic Spine and Ribs, The Hackett Hemwall Patterson Foundation, The Anatomy, Diagnosis, and Treatment of Chronic Myofascial Pain with Prolotherapy, Madison, WI

May 2018 Coccydynia: Evaluation, diagnosis, novel treatment write-up, standard treatments, and case reports. Indiana Osteopathic Medical Association. Des Moines, IA

Oct 2017 **Course Director** of 3-day international conference on The Anatomy, Diagnosis, and Treatment of Chronic Myofascial Pain with Prolotherapy. Provided by the University of Wisconsin School of Medicine and Public Health, UW Department of Family Medicine and Community Health, University of Wisconsin-Madison Interprofessional Continuing Education Partnership, and The Hackett Hemwall Patterson Foundation, Madison, WI

Oct 2016 Prolotherapy for the Thoracic Spine and Ribs, The Hackett Hemwall Patterson Foundation, The Anatomy, Diagnosis, and Treatment of Chronic Myofascial Pain with Prolotherapy, Madison, WI

Oct 2015 Prolotherapy for the Thoracic Spine and Ribs, The Hackett Hemwall Patterson Foundation, The Anatomy, Diagnosis, and Treatment of Chronic Myofascial Pain





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with Prolotherapy, Madison, WI

- May 2015      Osteopathic Medicine, University of California Los Angeles (UCLA) Osteopathic Medicine Jumpstart Conference, Los Angeles, CA
- Feb 2015      All Roads Lead to Integrative Medicine, the University of California Los Angeles (UCLA) 3rd Annual Student Conference for Integrative Medicine: Exploring Integrative Medicine from a Clinical to Global Scale, Los Angeles, CA
- Oct 2014      Prolotherapy for the Thoracic Spine and Ribs, The Hackett Hemwall Patterson Foundation, The Anatomy, Diagnosis, and Treatment of Chronic Myofascial Pain with Prolotherapy, Madison, WI
- Oct 2014      Osteopathic Medicine and Integrative Medicine, the University of California Los Angeles (UCLA) Lecture to Students, Los Angeles, CA
- May 2014      Osteopathic Medicine, University of California Los Angeles (UCLA) Osteopathic Medicine Jumpstart Conference, Los Angeles, CA
- Apr 2012      Rehabilitative Injection Techniques for Peri-facial Pain and Temporomandibular Disc Disorder, Hollister, CA

### Referee for Journals

- Present      American Academy of Osteopathy Journal. Reviewer, March 2016 – Present
- Dec 2017      *FP Essentials*. Monograph of the American Academy of Family Physicians. Reviewed *Musculoskeletal Therapies*. CME education monograph informing the reader about acupuncture, osteopathic manipulation, injection therapies, and physical therapy modalities

### Clinical Teaching

- March 2019      Table-Trainer, Brain Therapy for Neonatal Reflexes & Lifelong Reflexes in Adults and Children. March 10-12, 2019. American Academy of Osteopathy. Course Director: Bruno Chikly, MD, DO.
- Sep 2015-Feb 2019      Outpatient primary care and musculoskeletal medicine teaching. One-on-one supervision and teaching of family medicine resident physicians at the UW Health Northeast clinic.
- Nov 2018      Clinical Precepting, Student - Joseph Janz, MSII. Academic year 2018-2019



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Dec 2017	Clinical Precepting, Student - Bryce De Venecia, MSII. Academic year 2017-2018
May 2017	Clinical Precepting, Student - Joseph Janz, MSI. Academic year 2017-2018
May 2017	Clinical Precepting, Student - Bryce De Venecia, MSI. Academic year 2016-2017
Mar 2016	Clinic Director and Instructor, Hackett Hemwall Foundation: Honduras Prolotherapy Trip
Mar 2015	Clinic Director and Instructor, Hackett Hemwall Foundation: Honduras Prolotherapy Trip
Jun 2014	Instructor, Integrating Osteopathy with Dentistry & Orthodontia, Thousand Oaks, CA
Mar 2014	Instructor, Hackett Hemwall Foundation: Honduras Prolotherapy Trip
Jul 2013	Table Trainer, Expanding the Osteopathic Concept into the Cranial Field, Osteopathic Center for Children, San Diego, CA
Mar 2013	Instructor, Hackett Hemwall Foundation: Honduras Prolotherapy Trip
2013-2015	Instructor, Midwestern University, Arizona College of Osteopathic Medicine clinical training for 3 <sup>rd</sup> and 4 <sup>th</sup> year medical students, Glendale, AZ
Feb 2013	Instructor, Expanding the Osteopathic Concept into the Cranial Field, Western University of Health Sciences, Pomona, CA
Aug 2012	Table Trainer, A Sutural Approach to Osteopathy in the Cranial Field, Indianapolis, IN
Apr 2012	Instructor, Interface II: Linking Osteopathy and Dentistry, Hollister, CA
Mar 2012	Table Trainer, Palpating and Treating the Brain: The Ventricular System & the Brain Nuclei, Orlando, FL
Feb 2012	Table Trainer in Training, Basic Cranial Course, San Diego, CA
Nov 2010	Table Trainer, The Inherent Motility of the Brain and Spinal Cord: Brain Parenchyma, Nuclei & Fluid, Philadelphia, PA



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- Mar 2008      Table Trainer, Fluid Techniques for Interosseous and Embryological Articulations of the Thorax, Colorado Springs, CO
- 2005-2006      Student Table Trainer, Midwestern University, Department of Osteopathic Medicine, Glendale, AZ

### Mentoring

Over the years, I have worked with hundreds of learners at various points in their training and careers. The following listing includes learners for which there was a formal individualized teaching relationship, mentorship, or other substantive teacher-learner interactions.

#### Medical Students

##### **1<sup>st</sup> and 2<sup>nd</sup> Year MD preceptor program at the UW School of Medicine and Public Health**

Bryce De Venecia, MSI, 2016-2017; MSII 2017-2018  
Joseph Janz, MSI, 2017-2018; MSII 2018-2019

##### **UW DFM Summer Research and Clinical Assistantship**

Ross Gilbert, MSI, 2017  
Margaret Smith, MSI, 2016

##### **UW Shapiro Summer Research Program**

David Marshall, MSI, 2017  
Stephanie Lakritz, MSI, 2016

##### **UW School of Medicine and Public Health course “Research and Independent Study in Family Medicine”**

Ahmad Mahmoodi, MSI, 2017

### Undergraduate

##### **Rural and Urban Scholars in Community Health: UW School of Medicine and Public Health**

Amy Fulcher, Undergraduate, 2017

### Service Activities

#### National/International

- 2016-Present      Journal Referee: *The American Academy of Osteopathy Journal*  
2017      Referee “FP Essentials” the AAFP Home Study Monograph Program.



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	Reviewed “Musculoskeletal Therapies”
2017	Textbook Reviewer: Handspring Publishing Limited
2017	Point of care ultrasound workshop training of medical students at University of Wisconsin Family Medicine Procedures Fair
2015	Medical Team Volunteer, Join-Up Horse Sense and Healing
2015	Prolotherapy Standardization Committee Member, Guadalajara, Mexico
2014-2015	Medical Team Volunteer, Hackett Hemwall Foundation Prolotherapy Service, Guadalajara, Mexico
2014-2015	Medical Team Volunteer, Hackett Hemwall Foundation Vein Sclerotherapy Service, Honduras
2011-2015	Medical Team Volunteer, Hackett Hemwall Foundation Prolotherapy Service-Honduras
2005-2014	Medical Team Volunteer, Association of Volleyball Professionals
2008	Medical Team Volunteer, Orange County Marathon
2008	Medical Team Volunteer, Reeds Lake Triathlon
2005-2006	Medical Team Volunteer, PF Chang’s Rock n’ Roll Marathon
2005	Medical Team Volunteer, Foundation for International Medical Relief of Children, Costa Rica
2005	Medical Team Volunteer, High School Sports Physicals
2005	Medical Team Volunteer, Surf Cup San Diego Soccer Tournament
2002-2004	Premedical intern, Oasis Surgery Center

### ADDITIONAL TRAINING

#### **American Academy of Osteopathy: Convocation — March 2005-2010, 2012, 2016-2019**

Annual national conference in the field of osteopathy

#### **Musculoskeletal Ultrasound (MSKUS) Guided Injection Cadaver Course — Oct 12-14, 2018, 16 cme credits**

Director: Thomas Clark  
Norfolk, VA

#### **Advanced Peripheral Nerve Ultrasound: Diagnostic and Interventional Applications, Gulf Coast Ultrasound Institute — June 21-22, 2018, 16 cme credits**

Director: Jeff Strakowski, MD  
St. Petersburg, FL

#### **Musculoskeletal Ultrasound (MSKUS) Diagnostic and Guided Injection Training — May 17-19, 2018, 24 cme credits**

Director: Thomas Clark  
Mazatlan, Mexico

#### **American Academy of Orthopaedic Medicine (AAOM) 2018, 35<sup>th</sup> Annual Conference and Scientific Seminar: The Complete Interventional Regenerative Orthopaedic Medicine Specialist**



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Directors: Marty Gallagher, MD and Charles Mahl, MD  
Clearwater, FL

**Interventional Musculoskeletal Ultrasound, Level 2: Spine and Nerves: American Academy of Orthopaedic Medicine 35<sup>th</sup> Annual Conference. 7 cme credits**

Director: Brian Schiple, DO  
Clearwater, FL

**Osteopathic Management of Chronic Fatigue Syndrome, Fibromyalgia, and Multiple Sclerosis: American Academy of Osteopathy – March 18-20, 2018**

Director: Bruno Chikly, MD, DO  
Dallas, TX

**Orthobiologics Injection Course.** Arthrex Agency. February 2018. Denver, CO

**University of Wisconsin Comprehensive Review in Pain Medicine — August 2016, 2017, 41 credits**

Director: Nalini Sehgal, MD  
Madison, WI

**The Strategic Crossroads of the Body: American Academy of Osteopathy — March 18-21, 2017, 32 credits**

Instructors: Jean-Pierre Barral, DO and Kenneth Lossing, DO  
Colorado Springs, CO

**The Anatomy, Diagnosis, and Treatment of Chronic Myofascial Pain with Prolotherapy: Hackett Hemwall Foundation — October 2010, 2012, 2014, 2015, 2016**

University of Wisconsin School of Medicine and Public Health  
Madison, WI

**Medical Acupuncture for Physicians: Helms Medical Acupuncture — April - Sept 2016. 300 AMA PRA Category 1 Credits**

Director: Joe Helms, MD  
Potomac, MD

**11<sup>th</sup> Annual Fundamentals of Musculoskeletal Ultrasound: iiCME – April 2016**

Director: Jon Jacobson, MD  
San Diego, CA

**Evidence-Based Visceral Function and Dysfunction: American Academy of Osteopathy – March 12-15, 2016. 32 credits**

Instructors: Kenneth Lossing, DO and Stephan Hagopian, DO  
Orlando, FL

**Essentials of Musculoskeletal Ultrasound: Diagnostic and Interventional Skills – January 29-31, 2016**

Director: Kenneth Lee, MD

**The American Association of Orthopaedic Medicine (AAOM): 32nd Annual Conference — April 2015**

The 1st World Congress on Interventional Regenerative Orthopedic Medicine (IROM)  
New Orleans, LA



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### **Foam Sclerotherapy and Vein Course, Honduras: Hackett Hemwall Foundation — March 2015, 2014**

In association with The University of Wisconsin School of Medicine and Public Health  
Madison, WI

### **TEDMED — September 2014**

A global community dedicated to unlocking imagination in service of health and medicine  
San Francisco, CA

### **Metabolic Endocrinology: American Academy of Anti-Aging Medicine — May 2014**

Testing, diagnosing, and treating hormonal deficiencies and dysfunctions  
Orlando, FL

### **IV Symposium: American Academy of Anti-Aging Medicine — April 2014**

Diagnosing and treating to provide nutritional support  
Denver, CO

### **Post-Graduate Intensive Course in Prolotherapy, Guadalajara, Mexico: Hackett Hemwall Foundation — January 2014**

In association with The University of Wisconsin School of Medicine and Public Health. Madison, WI

### **Transforming Patient Care: Heal Thy Practice — October 2013**

Advancements in integrative medicine, medical economics, and practice management  
Long Beach, CA

### **Intensive Course in Pediatric Osteopathy: American Academy of Pediatric Osteopathy — July 2013**

Advanced pediatric evaluation, diagnosis, and osteopathic treatment  
San Diego, CA

### **Intermediate Pediatric Course: Changing Lives, Cranial Osteopathy's Gift to Children: The Cranial Academy — February 2012**

Director: Margaret Sorrel, DO  
San Diego, CA

### **Endobiogeny — December 2011**

Director: Luna Leyva, MD  
Eugene, OR

### **American College of Osteopathic Family Physicians: Annual Conference — March 2011**

San Antonio, TX

### **Neural Prolotherapy & Perineural Subcutaneous Injections — May 2011**

Subcutaneous therapeutic injections for peripheral neuropathic pain  
Director: John Lyftogt, MD  
Huntington Beach, CA

### **Brain Level 2: Brain Tissue, Nuclei, Fluid & Reticular Alarm System — 2011**

Advanced osteopathic diagnosis and treatment  
Director: Bruno Chikly MD, DO  
Phoenix, AZ

### **Neural Prolotherapy & Perineural Subcutaneous Injections: Hackett Hemwall Foundation —**





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### October 2010

Subcutaneous therapeutic injections for peripheral neuropathic pain

Director: John Lyftogt, MD

Madison, WI

### The Art and Science: Transformational Orthodontics — 2010

Integrating osteopathy and dentistry

Director: Darick Nordstrom, DDS

Hollister, CA

### Prolotherapy; A Comprehensive Approach: The American College of Osteopathic Sclerotherapeutic Pain Management — 2010

Prolotherapy, neural therapy, mesotherapy

San Diego, CA

### Clinical Homeopathy Training Course: Beth Israel Department of Family Medicine — Nov 2009 - June 2010

Center for Education and Development of Clinical Homeopathy (CEDH)

Los Angeles, CA

### The Midline: Embryology, Anatomy, Organization and Function: The Cranial Academy — 2009

Director: Elliott Blackman, DO

San Francisco, CA

### The Widespread Consequences of Trauma: The Osteopathic Approach to School Age Child and Adolescents — 2008

Instructors: Viola Frymann, DO; Lee Rice, DO; Peter Springall, PhD; Claude Valenti, OD

San Diego, CA

### Fluid Techniques for Interosseous and Embryological Articulations of the Thorax — 2008

Instructor: Bruno Chikly, MD, DO

Colorado Springs, CO

### Ophthalmologic Principles and Their Relationship to Osteopathy in the Cranial Field — 2008

Instructors: Paul Dart, MD and Charlie Beck, DO

Indianapolis, IN

### The Inherent Motility of the Brain and Spinal Cord: Brain Parenchyma, Nuclei and Fluid

Instructor: Bruno Chikly, MD, DO

Phoenix, AZ

### American Osteopathic Association Convention — 2008

San Diego, CA

### Florida Academy of Osteopathy Conference: “OMT in Daily Practice” — 2007

Instructors: Richard VanBuskirk, DO; David Patriquin, DO; and Melicien Tettambel, DO

Still Technique, Women’s Health, Gas and fluid motion, back pain

Orlando, FL

### Chapman’s Reflexes — 2006

Instructors: Kendall Wilson, DO and Loren Rex, DO



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Phoenix, AZ

### **Cranial Academy 40-hour Basic Cranial Course — July 2005**

Instructor: Viola Frymann, DO  
San Diego, CA.

### **Advanced Anatomy Dissection Course — 2005**

Independent study 30-hour focused anatomy shoulder dissection. Geared toward understanding shoulder OMM techniques. Final project included Powerpoint lecture and OMM laboratory palpation and practice  
Glendale, AZ

### **Strain/Counterstrain and Exercise Prescription — 2004, 2005**

Director: Philip Greenman, DO  
Tucson, AZ

### **Basic Neurofascial Release Course — 2005**

Instructor: Stephen Davidson, DO  
Glendale, AZ

### **Osteopathic Center for Children, San Diego, CA — July 2003-2004**

Full-time Assistant to Viola Frymann, DO. Pediatric osteopathic practice  
San Diego, AZ