

CURRICULUM VITAE

A. Identifying Data

Name: Scott Gregory Pritzlaff, MD, FIPP, CIPS

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Summary of Expertise: Dr. Scott Pritzlaff is a nationally recognized expert in Pain Medicine and Anesthesiology, board-certified by the American Board of Anesthesiology in both specialties. He provides expert witness services informed by extensive clinical, academic, and military experience. Dr. Pritzlaff trained at premier institutions, including Massachusetts General Hospital/Harvard Medical School and Stanford University, where he completed residency and fellowship training and later served on the faculty of the Stanford Division of Pain Medicine (2015-2019). He currently serves as Clinical Professor and Fellowship Program Director at the University of California, Davis.

A former Navy Flight Surgeon and combat veteran, Dr. Pritzlaff brings a unique perspective to complex pain conditions and medical-legal issues. He has authored more than 40 peer-reviewed publications, serves as editor and author of *Spinal Cord Stimulation: Percutaneous Implantation Techniques* (2023), and has contributed to national guidelines and position statements. He is a frequent lecturer at national conferences and training events and serves in leadership roles with several professional societies. Dr. Pritzlaff provides expert consultation and testimony in cases involving chronic pain, neuromodulation, opioid management, interventional procedures, and standards of care.

Practice Areas: Pain Diagnosis and Treatment, Procedural Risks and Complications, Neuromodulation/Neurostimulation, Neuropathic Pain, Complex Regional Pain Syndrome, Post-Surgical and Post-Traumatic Pain

B. Academic History

Colleges and Universities Attended

2002 B.S. Wayne State University, Detroit, MI

2006 M.D. Georgetown University School of Medicine, Washington, DC

Residency, Fellowship, and Advanced Training

- 2006-2007 Transitional Internship
Walter Reed National Military Medical Center
Bethesda, MD
- 2007-2008 Naval Flight Surgeon Course
Naval Aerospace Medical Institute
United States Navy
Pensacola, FL
- 2011-2014 Resident in Anesthesia
Department of Anesthesia, Critical Care, and Pain Medicine
Massachusetts General Hospital/Harvard Medical School
Boston, MA
- 2014-2015 Fellow in Clinical Pain Medicine
Department of Anesthesiology, Division of Pain Management
Stanford University School of Medicine
Stanford, CA

Scholarship and Honors

- 2001 Undergraduate Research Grant, \$2,500, Wayne State University
- 2002 Summa cum laude, Biology, Wayne State University
- 2002 Howard A. Donnelly Award: addressed graduating class, Wayne State University
- 2002 David MacKenzie Honor Society, Wayne State University
- 2002 Phi Beta Kappa, Wayne State University
- 2005 Bridget Faucet MacNamara Award: Outstanding medical student in anesthesia,
Georgetown University School of Medicine
- 2007 Outstanding Intern, Transitional Program, National Naval Medical Center
- 2008-2010 Air Medal (4): for flying more than 200 combat hours during deployments to Iraq
and Afghanistan, United States Marine Corps
- 2009 Richard E. Luehrs Award, United States Navy Operational Flight Surgeon of the
Year
- 2010 Fleet Marine Force Qualification, United States Navy
- 2011 Navy Commendation Medal: awarded for exemplary service during tour as U.S.
Naval flight surgeon
- 2013 Donald P. Todd Pain Center Resident Award; Department of Anesthesia, Critical
Care, and Pain Medicine; Massachusetts General Hospital
- 2014 Miroslawa T. Jasinska Pediatric Anesthesia Award; Department of Anesthesia,
Critical Care, and Pain Medicine; Massachusetts General Hospital
- 2020 Outstanding Teaching Award, Resident Chronic Pain Rotation; Department of
Anesthesiology and Pain Medicine; University of California, Davis
- 2020 Faculty Teacher of the Year, Pain Fellowship Program; Department of
Anesthesiology and Pain Medicine; University of California, Davis

- 2021 Outstanding Teaching Award, Resident Chronic Pain Rotation; Department of Anesthesiology and Pain Medicine; University of California, Davis
- 2022 Educator of the Year, American Society of Pain and Neuroscience
- 2022 Faculty Teacher of the Year, Pain Fellowship Program; Department of Anesthesiology and Pain Medicine; University of California, Davis
- 2022 “Top Doctor” in Pain Medicine for 2022, Sacramento Magazine (Dec 2022 Edition)
- 2023 Pain Fellowship Excellence Award; University of California, Davis; American Academy of Pain Medicine (Program Director)
- 2023 Outstanding Teaching Award, Resident Chronic Pain Rotation; Department of Anesthesiology and Pain Medicine; University of California, Davis
- 2023 Faculty Teacher of the Year, Pain Fellowship Program; Department of Anesthesiology and Pain Medicine; University of California, Davis
- 2023 UC Davis Health “Diamond Doc” (receiving 90th percentile or higher scores on patient surveys)
- 2024 “Top Doctor” in Pain Medicine, Sactown Magazine (March/April 2024) Edition
- 2024 UC Davis Health “Diamond Doc” (receiving 90th percentile or higher scores on patient surveys)
- 2024 Outstanding Teaching Award, Resident Chronic Pain Rotation; Department of Anesthesiology and Pain Medicine; University of California, Davis
- 2025 “Top Doctor” in Pain Medicine, Sactown Magazine (March/April 2025) Edition
- 2025 Outstanding Teaching Award, Resident Chronic Pain Rotation; Department of Anesthesiology and Pain Medicine; University of California, Davis
- 2025 Faculty Teacher of the Year, Pain Fellowship Program; Department of Anesthesiology and Pain Medicine; University of California, Davis
- 2025 Military Service Award, American Society of Pain and Neuroscience
- 2025 UC Davis Health “Diamond Doc” (receiving 90th percentile or higher scores on patient surveys)
- 2026 “Top Doctor” in Pain Medicine, Sactown Magazine (March/April 2026) Edition

Board and Specialty Certifications

- 2015 American Board of Anesthesiology, Primary Board Certification, Anesthesiology
- 2015 American Board of Anesthesiology, Subspecialty Board Certification, Pain Medicine
- 2017 Certified Interventional Pain Sonologist (CIPS), World Institute of Pain
- 2018 Fellow of Interventional Pain Practice (FIPP), World Institute of Pain

C. Employment

Academic Appointments

- 9/1/2015-9/30/2017 Clinical Instructor
Department of Anesthesiology, Perioperative and Pain Medicine
Stanford University School of Medicine
Stanford, CA

10/1/2017-1/31/2019 Clinical Assistant Professor
Department of Anesthesiology, Perioperative and Pain Medicine
Stanford University School of Medicine
Stanford, CA

2/1/2019-6/30/2021 Assistant Professor
Department of Anesthesiology and Pain Medicine
University of California, Davis
Sacramento, CA

7/1/2021-6/30/2025 Associate Professor
Department of Anesthesiology and Pain Medicine
University of California, Davis
Sacramento, CA

7/1/2025-present Professor
Department of Anesthesiology and Pain Medicine
University of California, Davis
Sacramento, CA

Other Appointments

2008-2011 Flight Surgeon, United States Navy
2nd Marine Aircraft Wing
Combat Deployments (7/08-2/09, Iraq; 11/09-5/10, Afghanistan)
Marine Corps Air Station
Cherry Point, NC

2008-2009 Senior Medical Officer
South Side Flight Line Aid Station
Al Asad Airbase, Iraq (July-February)

2009-2010 Medical Department Head, Clinic Officer-in-Charge
Marine Tactical Electronic Warfare Squadron-1
Bagram Airfield, Afghanistan (October-May)

2014-2015 Chief Fellow
Division of Pain Medicine
Department of Anesthesiology, Division of Pain Management
Stanford University School of Medicine
Stanford, CA

2017-2019 Associate Program Director, Clinical Pain Medicine Fellowship
Department of Anesthesiology, Division of Pain Medicine
Stanford University School of Medicine

2021-present Program Director, Pain Fellowship Program
Department of Anesthesiology and Pain Medicine
University of California, Davis

D. Teaching and Clinical Care

Clinical Teaching Responsibilities

2015-2019 Stanford pain fellow and anesthesia resident supervision in clinic, 8 days/month
2015-2019 Medical student supervision for anesthesia clerkship, 1 week/year
2017-2019 Stanford Department of Anesthesiology, Pain Medicine clerkship director
2019-present UC Davis Department of Anesthesiology and Pain Medicine, fellow/resident/medical student supervision in clinic (Pain Medicine) and operating room (Anesthesia), daily

Other Teaching Experience

2008-2009 Lecturer, Park University. Anatomy and Physiology: course for deployed Marines, Al Asad, Iraq
2012-2014 Instructor, Classroom to Clerkship course, Harvard Medical School Department of Anesthesia, Critical Care, and Pain Medicine Massachusetts General Hospital
2015-2019 Mock Board Examiner; Department of Anesthesiology, Perioperative and Pain Medicine; Stanford University School of Medicine
2016 Faculty Teaching Workshop, Stanford Faculty Development Center (2/9/16)
2016-present Teaching Faculty, World Academy of Pain Medicine United
2019-2021 Faculty, Train the Trainer Faculty (T3) for Center for Advancing Pain Relief, UC Davis
2020-2021 Faculty Mentor; North American Neuromodulation Society, Resident Fellow Section; yearlong curriculum in neuromodulation
2020-present Mock Board Examiner; Department of Anesthesiology and Pain Medicine; University of California, Davis
2021-present UC Davis Pain Medicine Cadaver Workshop Founder and Coordinator

Students/Trainees/Mentorship

2016-2017 Nitesh Patel, MD (Stanford Pain Fellow); served as faculty mentor during pain fellowship year
2017-2018 James Khan, MD and Michael Hermann, MD (Stanford Pain Fellows); served as faculty mentor during pain fellowship year
2019-2020 Aaron Hanyu-Deutmeyer, DO (UC Davis Pain Fellow); served as faculty mentor during pain fellowship year
2020-2021 Ryan Hijazi, DO (UC Davis Pain Fellow); serving as faculty mentor during pain fellowship year
2020-2021 Sabrina Oukil, MD (University of Maryland Pain Fellow); serving as faculty mentor for the North American Neuromodulation Society

- 2021-2022 Jungjae Kim, MD (Private Practice Physician); serving as faculty mentor for the North American Neuromodulation Society
- 2021-2022 Arash Yousefi, MD (UC Davis Pain Fellow); serving as faculty mentor during pain fellowship year
- 2022-2023 Alexander Roussos (UC Davis Pain Fellow); serving as faculty mentor during pain fellowship year
- 2022-2024 Ramneek Dhillon (UC Davis Anesthesia Resident); serving as faculty research mentor during residency
- 2023-2024 Anthony Massoll (UC Davis Pain Fellow); serving as faculty mentor during pain fellowship year

Hospital or Affiliated Institution Appointments

- 2015-2016 Pain physician, per diem staff
Palo Alto Veterans Administration Hospital
Palo Alto, CA
- 2015-2016 Pain physician and anesthesiologist, per diem staff
Kaiser Permanente, Diablo Service Area
Walnut Creek/Martinez, CA

Major Administrative Responsibilities or Committee Assignments

- 2013-2014 ACGME Site Visit Resident Committee
Department of Anesthesia, Critical Care, and Pain Medicine
Massachusetts General Hospital
- 2015-2019 Pain Fellowship Program Evaluation Committee, Division of Pain Medicine
Stanford University School of Medicine
- 2016-2017 Committee Member, Committee on Professional and Public Communication
California Society of Anesthesiologists
- 2016-2019 Pain Physician Site Lead, Primary Care at Santa Clara
Department of Anesthesiology, Division of Pain Medicine
Stanford University School of Medicine
- 2016-2019 Pain Medicine Satellite Faculty Task Force Lead
Department of Anesthesiology, Division of Pain Medicine
Stanford University School of Medicine
- 2017-2018 Medical School Applicant Reviewer
Stanford University School of Medicine
- 2017-2019 CME Lecture Series Course Co-Director
Department of Anesthesiology, Division of Pain Medicine
Stanford University School of Medicine
- 2017-2019 Associate Division Chief of Education
Department of Anesthesiology, Division of Pain Medicine
Stanford University School of Medicine
- 2018-2019 Member, Stanford Primary Care Opioid Task Force
- 2018-2021 Co-chair, Resident Fellow Special Interest Group, American Academy of Pain Medicine

- 2018-2021 Committee Member, Committee on Pain Medicine
California Society of Anesthesiologists
- 2019-2020 Associate Program Director, Pain Fellowship Program
Department of Anesthesiology and Pain Medicine
University of California, Davis
- 2019-2020 Chair and Founding Member, Neuromodulation Committee
Division of Pain Medicine
University of California, Davis
- 2020-2021 Associate Program Director, Pain Fellowship Program
Department of Anesthesiology and Pain Medicine
- 2020-2023 Board member
Pacific Spine and Pain Society
- 2020-present Board Member
World Academy of Pain Medicine United
- 2020-2023 Lidocaine Infusion Working Group
University of California, Davis
- 2021-2023 Co-Chair, Annual Meeting Committee
Pacific Spine and Pain Society
- 2021-2023 Controlled Substance Committee
University of California, Davis
- 2022-present Human Anatomy and Surgical Skills Lab Planning Workgroup
School of Medicine
University of California, Davis
- 2023-2025 Director-at-Large
The Association of Pain Program Directors
- 2024-present Member, Advocacy and Policy Committee (APC)
North American Neuromodulation Society

E. Public and Professional Service

Professional Societies

- 2011-present American Society of Anesthesiologists
- 2015-present California Society of Anesthesiologists
- 2016-present World Academy of Pain Medicine United
- 2017-present North American Neuromodulation Society
- 2018-present American Society of Regional Anesthesia and Pain Medicine
- 2020-present American Society of Pain and Neuroscience
- 2020-present Pacific Spine and Pain Society
- 2021-present Association of Pain Program Directors

F. Other Study and Research Opportunities

Research Studies- Unfunded

- 2000-2002 Title: Mutational analysis of nucleotides 450 and 483 of the 16S rRNA in Escherichia Coli
Department of Biology, Wayne State University
Principal Investigator: Phillip R. Cunningham, PhD
- 2012-2014 Title: Arthroplasty Care Redesign
Department of Anesthesia, Critical Care, and Pain Medicine, Massachusetts General Hospital
Principal Investigator: Robert Peloquin, MD
- 2020-2023 Title: Review of the Factors and Outcomes of an Interdisciplinary Neuromodulation Committee [IRB 1598204]
UC Davis Department of Anesthesiology and Pain Medicine
Principal Investigator: Scott Pritzlaff, MD
- 2021-2023 Title: Correlation Between Epidural Space Depth Measured with Ultrasound and MRI Compared to Clinical Loss of Resistance When Performing Epidural Steroid Injection [IRB 1686847]
UC Davis Department of Anesthesiology and Pain Medicine
Principal Investigators: Naileshni Singh, MD

Research Studies- Funded

- 2022-present Title: A Sequenced Strategy for Improving Outcomes in People with Knee Osteoarthritis Pain (SKOAP) [1875062-1]
National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
Site Principal Investigator: Scott Pritzlaff, MD

Grants

Abbott Education Grant in support of UC Davis Advanced Spine and Neuromodulation Cadaver Workshops
2022-present
Principal Investigator: Scott Pritzlaff, MD

Medtronic Education Grant in support of UC Davis Advanced Spine and Neuromodulation Cadaver Workshops
2022-present
Principal Investigator: Scott Pritzlaff, MD

Nevro Education Grant in support of UC Davis Advanced Spine and Neuromodulation Cadaver Workshops
2022-present
Principal Investigator: Scott Pritzlaff, MD

Biotronik Education Grant in support of UC Davis Advanced Spine and
Neuromodulation Cadaver Workshops
2024-present
Principal Investigator: Scott Pritzlaff, MD

Boston Scientific Education Grant in support of UC Davis Advanced Spine and
Neuromodulation Cadaver Workshops
2025-present
Principal Investigator: Scott Pritzlaff, MD

G. Bibliography

Abstracts and Poster Presentations

1. **Pritzlaff SG**, Johnson DW. Early Recognition of Need for Surgical Airway Following Induction for Ambulatory Laser Lithotripsy in a 46-year-old Man. Poster session presented at: 6th Annual New England Anesthesia Resident Conference; 2012 Mar 23-24; Burlington, VT.
2. **Pritzlaff SG**, Jacob EA, McCarty K, et al. Impact of Bupivacaine Dosing for Spinal Anesthesia on Post-Anesthesia Care Unit Recovery Time Following Hip and Knee Arthroplasty. Poster session presented at: Massachusetts General Hospital Clinical Research Day; 2012 Oct 11; Boston, MA.
3. **Pritzlaff SG**, Maktabi MA. Calamity in the OR: Severe Anaphylaxis Following Induction of General Anesthesia. Poster presented at: Annual Meeting of the American Society of Anesthesiologists; 2012 Oct 13-17; Washington, DC.
4. **Pritzlaff SG**, Hoeft MA. To Induce or Not to Induce: Rolling the Dice with Potential Undiagnosed Pheochromocytoma. Poster presentation at: 66th Postgraduate Assembly in Anesthesiology; 2012 Dec 14-18; New York, NY.
5. **Pritzlaff SG**, Jacob EA, McCarty K, et al. Arthroplasty Care Redesign: Impact of Spinal Dosing on Post Anesthesia Recovery Unit Length of Stay After Total Knee Arthroplasty. E-poster presentation at: 38th American Society of Regional Anesthesia, Acute Pain Medicine Meeting; 2013 May 2-5; Boston, MA.
6. Peloquin RG, **Pritzlaff SG**, McCarty K, et al. Impact of Reducing Spinal Bupivacaine Dose on Hospital Stay After Total Knee and Hip Replacement. Poster presentation at: American Academy of Orthopaedic Surgeons Annual Meeting; 2014 March 11-15; New Orleans, LA.
7. Patel N, **Pritzlaff SG**. Not all Epidural Patches Are Created Equal: A Case Report of a Large Cerebral Spinal Leak and Review of Emerging Techniques. Poster presentation at: American Pain Society Annual Meeting; 2017 May 17-20; Pittsburgh, PA.

8. **Pritzlaff SG**, Ottestad E. When Positioning Becomes a Challenge: An Alternative Method for Targeting the Posterior Tibial Nerve in the Tarsal Tunnel. Poster presentation at 34th Annual American Academy of Pain Medicine Meeting. 2018 April 26-29; Vancouver, BC, Canada.
9. Lii T, **Pritzlaff SG**, Leong MS, et al. Peripheral Radial Nerve Stimulation as a Reversible Treatment of Complex Regional Pain Syndrome of the Upper Extremity. Moderated poster presentation at: American Society of Regional Anesthesia and Pain Medicine, 17th Annual Pain Medicine Meeting. 2018 Nov 15-17; San Antonio, TX.
10. Aguilar C, **Pritzlaff SG**, Leong MS, Ottestad E. Sciatic Peripheral Nerve Stimulation for Chronic Refractory Common Peroneal Neuralgia. E-poster presentation at: American Society of Regional Anesthesia and Pain Medicine, 17th Annual Pain Medicine Meeting. 2018 Nov 15-17; San Antonio, TX.
11. **Pritzlaff SG**, Leong M, Ottestad E. Greater Occipital Nerve Stimulation: A New Approach to an Old Problem. E-Poster presentation at: North American Neuromodulation Society, 22nd Annual Meeting, Las Vegas, NV, 1/17/2019.
12. Holmgren B, **Pritzlaff SG**, Ottestad E, Leong M. Early Intervention with Peripheral Nerve Stimulation for Complex Regional Pain Syndrome. Poster presentation at: American Academy of Pain Medicine, 35th Annual Meeting, Denver, CO, 3/8/2019.
13. Watford K, **Pritzlaff SG**, Leong M, Ottestad E. Prognostic Value of Peripheral Nerve Blocks Prior to Peripheral Neuromodulation. Poster presentation at: American Academy of Pain Medicine, 35th Annual Meeting, Denver, CO, 3/8/2019.
14. Rasouli M, Derby R, Aggarwal A, Hah J, **Pritzlaff SG**, Salmasi V. Brachial Plexus Peripheral Nerve Stimulator Placement for Intractable Upper Extremity Neuropathic Pain. Poster presentation at: North American Neuromodulation Society, 23rd Annual Meeting, Las Vegas, NV, 1/24/2020.
15. Mackenzie K, Ottestad E, Derby R, **Pritzlaff SG**, Hah J, Salmasi V, Aggarwal A. Lead Fracture is a Common Complication of StimRouter Explantation. Poster presentation at: North American Neuromodulation Society, 23rd Annual Meeting, Las Vegas, NV, 1/24/2020.
16. Gregory N, **Pritzlaff SG**, Salmasi V, Derby R, Aggarwal A, Ottestad E, Hah J. Managing Pudendal Nerve Peripheral Nerve Stimulator Lead Migration by Restriction of Activity: A Case Series. Poster presentation at: North American Neuromodulation Society, 23rd Annual Meeting, Las Vegas, NV, 1/24/2020.
17. Jung M, **Pritzlaff SG**. Peripheral Nerve Stimulation after Dorsal Root Ganglion Stimulation for Refractory Neuropathic Foot Pain. Oral poster presentation at: North American Neuromodulation Society, 23rd Annual Meeting, Las Vegas, NV, 1/24/2020.

18. Jung M, **Pritzlaff SG**. Peripheral Nerve Stimulation for Treatment of Severe Refractory Upper Extremity Post-Amputation Pain. Moderated presentation at: American Society of Regional Anesthesia, 45th Annual Meeting, San Francisco, CA, 4/25/2020.
19. Jung M, Essiet M, **Pritzlaff SG**. Advantages of a Topical Adhesive and Mesh-Based System for Securing Spinal Cord Stimulator Trial Leads. Poster presentation at: North American Neuromodulation Society, 24th Annual Meeting (virtual), 1/14-1/17, 2021.
20. Sanghvi C, Skoblar M, **Pritzlaff SG**, DeMesa C. Percutaneous Peripheral Nerve Stimulation (PNS) for Upper Extremity Post-Amputation Pain. Poster presentation at: North American Neuromodulation Society, 24th Annual Meeting (virtual), 1/14-1/17, 2021.
21. Wang E, DeMesa C, Jung M, **Pritzlaff S**. Use of a Novel Percutaneous Peripheral Nerve Stimulation System for Treatment of Peripheral Neuropathic Pain. Poster presentation at: Pacific Spine and Pain Society, 2nd Annual Meeting, Las Vegas, NV, 9/11/2021.
22. Francio VT, Gill B, **Pritzlaff S**, Kohan L, Furnish T, Hagedorn J, Sayed D. Factors Involved in Applicant Interview Selection and Ranking for Chronic Pain Medicine Fellowship. Poster presentation at: American Society of Regional Anesthesia, Chronic Pain Meeting, San Francisco, CA, 11/18-11/20, 2021.
23. Lin WC, Okubadejo M, **Pritzlaff SG**, Jung MJ. Advancements in Wound Dressings for Neuromodulation. Poster presentation at: North American Neuromodulation Society, 25th Annual Meeting, Las Vegas, NV, 1/14/2022.
24. Wang E, DeMesa C, Jung M, **Pritzlaff SG**. Use of a Novel Percutaneous Peripheral Nerve Stimulation System for Treatment of Peripheral Neuropathic Pain. Poster presentation at: North American Neuromodulation Society, 25th Annual Meeting, Las Vegas, NV, 1/14/2022.
25. Dhillon R, Sulahria A, Lin WC, Sanghvi C, Jung M, **Pritzlaff S**. Upper Extremity Amputation: Response to Peripheral Stimulation of Terminal Branches of the Brachial Plexus. Moderated Presentation at: American Society of Regional Anesthesia, 47th Annual Meeting, Las Vegas, NV, 3/31/2022.
26. Yan C, Bautista B, **Pritzlaff S**, Singh N. Correlation of MRI and Ultrasound Epidural Space Depth Measurements and Clinical Loss of Resistance in Epidural Steroid Injections. Moderated Presentation at: American Society of Regional Anesthesia, Chronic Pain Meeting, Orlando, 11/18/2022.
27. Chen YT, Dhillon R, Sanghvi C, Jung M, **Pritzlaff S**. Axillary Peripheral Nerve Stimulation for Severe Glenohumeral Osteoarthritis Not Amenable to Surgery: A Case Report. Moderated Presentation at: North American Neuromodulation Society, 25th Annual Meeting, Las Vegas, NV, 1/13/2023.

28. Tsang E, Yang J, Dhillon R, Fenska E, Sanghvi C, Jung M, **Pritzlaff S**. Spinal Cord Stimulation and Pulse Generator Size: Where Do We Stand? Poster Presentation at: American Society of Pain and Neuroscience, 5th Annual Meeting, Miami, FL, 7/15/23.
29. Bautista B, Yan C, Wilson M, **Pritzlaff S**, Singh N. Correlating Ultrasound and MRI Epidural Space Measurements with Clinical Loss of Resistance in Cervical Steroid Injections. Moderated Poster Presentation at: American Society of Regional Anesthesia, Chronic Pain Meeting, New Orleans, LA, 11/10/2023.
30. Yang J, Tsang E, Sanghvi C, Jung MJ, **Pritzlaff S**. Use of Absorbable Antimicrobial Envelopes in High-Risk Spinal Cord Stimulation Implant Patients: A Case Report. Poster Presentation at: American Society of Regional Anesthesia, Chronic Pain Meeting, New Orleans, LA, 11/10/2023.
31. Mohan R, **Pritzlaff S**, Jung MJ, Salmasi V, Leong M. A Review of the Factors and Outcomes of Institutional Interdisciplinary Neuromodulation Committees: A Multi-Center Experience. Poster Presentation at: American Society of Regional Anesthesia, Chronic Pain Meeting, New Orleans, LA, 11/10/2023.
32. Mohan R, **Pritzlaff S**, Jung MJ, Salmasi V, Leong M. A Review of the Factors and Outcomes of Institutional Interdisciplinary Neuromodulation Committees: A Multi-Center Experience. Poster Presentation at: North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 1/19/2024.
33. Massoll A, Dhillon R, Fierro M, Sanghvi C, Jung MJ, **Pritzlaff S**. Peripheral Nerve Stimulation for Chronic Low Back Pain Following Lumbar Fusion: A Case Report. Poster Presentation at: North American Neuromodulation Society Annual Meeting, Las Vegas, NV, 1/19/2024.
34. **Pritzlaff S**, Desai M, Li S, Murphy M, Orhurhu V, Provenzano D, Vucetic H, Robertson K, Johaneck L, Franke A, Gulve A. Patient Experience with Current Generation of Fixed-Output Spinal Cord Stimulation Devices. E-poster at: American Society of Pain and Neuroscience, 6th Annual Meeting, Miami, FL, 7/13/24.

Peer-Reviewed Publications

1. **Pritzlaff S**, Carinci AJ, Christo PJ. Targeting systemic inflammation in patients with obesity-related pain: Neurogenic thoracic outlet syndrome: an often overlooked but treatable condition. *J Fam Pract*. 2013;62(9 Suppl CHPP):S16-21.
2. Khan JS, Krane EJ, Higgs M, **Pritzlaff S**, Hoffinger S, Ottestad E. A Case Report of Combined Ultrasound and Fluoroscopic-Guided Percutaneous Radiofrequency Lesioning of the Obturator and Femoral Articular Branches in the Treatment of Persistent Hip Pain in a Pediatric Patient. *Pain Pract*. 2019;19(1):52-56. doi:[10.1111/papr.12724](https://doi.org/10.1111/papr.12724)

3. Hanyu-Deutmeyer A, **Pritzlaff SG**. Peripheral Nerve Stimulation for the 21st Century: Sural, Superficial Peroneal, and Tibial Nerves. *Pain Med*. 2020;21(Suppl 1):S64-S67. doi:[10.1093/pm/pnaa202](https://doi.org/10.1093/pm/pnaa202)
4. Lee DW, **Pritzlaff S**, Jung MJ, et al. Latest Evidence-Based Application for Radiofrequency Neurotomy (LEARN): Best Practice Guidelines from the American Society of Pain and Neuroscience (ASPN). *J Pain Res*. 2021;14:2807-2831. doi:[10.2147/JPR.S325665](https://doi.org/10.2147/JPR.S325665)
5. Jung MJ, **Pritzlaff SG**. Peripheral Nerve Stimulation of Complex Upper Extremity Amputation Pain May Be Variable. *AA Pract*. 2021;15(4):e01441. doi:[10.1213/XAA.0000000000001441](https://doi.org/10.1213/XAA.0000000000001441)
6. Jung MJ, **Pritzlaff SG**. Peripheral Nerve Stimulation for Treatment of Severe Refractory Upper Extremity Post-Amputation Pain. *Neuromodulation*. 2021;24(6):1127-1128. doi:[10.1111/ner.13246](https://doi.org/10.1111/ner.13246)
7. Singh N, DeMesa C, **Pritzlaff S**, Jung M, Green C. Implementation of Virtual Multiple Mini-Interviews for Fellowship Recruitment. *Pain Med*. 2021;22(8):1717-1721. doi:[10.1093/pm/pnab141](https://doi.org/10.1093/pm/pnab141)
8. Strand N, D'Souza RS, Hagedorn JM, et al. Evidence-Based Clinical Guidelines from the American Society of Pain and Neuroscience for the Use of Implantable Peripheral Nerve Stimulation in the Treatment of Chronic Pain. *J Pain Res*. 2022;15:2483-2504. doi:[10.2147/JPR.S362204](https://doi.org/10.2147/JPR.S362204)
9. Tieppo Francio V, Gill B, Hagedorn JM, et al. Factors involved in applicant interview selection and ranking for chronic pain medicine fellowship. *Reg Anesth Pain Med*. 2022;47(10):592-597. doi:[10.1136/rapm-2022-103538](https://doi.org/10.1136/rapm-2022-103538)
10. Kalia H, **Pritzlaff S**, Li AH, et al. Application of the novel Nalu™ Neurostimulation System for peripheral nerve stimulation. *Pain Manag*. 2022;12(7):795-804. doi:[10.2217/pmt-2021-0050](https://doi.org/10.2217/pmt-2021-0050)
11. **Pritzlaff SG**, Goree JH, Hagedorn JM, et al. Pain Education and Knowledge (PEAK) Consensus Guidelines for Neuromodulation: A Proposal for Standardization in Fellowship and Training Programs. *J Pain Res*. 2023;16:3101-3117. doi:[10.2147/JPR.S424589](https://doi.org/10.2147/JPR.S424589)
12. Aggarwal AK, Ottestad E, Pfaff KE, et al. Review of Ultrasound-Guided Procedures in the Management of Chronic Pain. *Anesthesiol Clin*. 2023;41(2):395-470. doi:[10.1016/j.anclin.2023.02.003](https://doi.org/10.1016/j.anclin.2023.02.003)
13. Macres S, Aldwinckle RJ, Saldahna U, et al. Reconceptualizing Acute Pain Management in the 21st Century. *Adv Anesth*. 2023;41(1):87-110. doi:[10.1016/j.aan.2023.06.006](https://doi.org/10.1016/j.aan.2023.06.006)

14. D'Souza RS, Her YF, Hussain N, et al. Evidence-Based Clinical Practice Guidelines on Regenerative Medicine Treatment for Chronic Pain: A Consensus Report from a Multispecialty Working Group. *J Pain Res.* 2024;17:2951-3001. doi:[10.2147/JPR.S480559](https://doi.org/10.2147/JPR.S480559)
15. **Pritzlaff SG**, Day M, Wahezi SE, Schatman ME, Pain Medicine Luminaries. Post-Doctoral Training in Pain Medicine: Too Little, Yet Not Too Late? *J Pain Res.* 2024;17:687-689. doi:[10.2147/JPR.S462429](https://doi.org/10.2147/JPR.S462429)
16. **Pritzlaff SG**, Schatman ME. From Pain Medicine to Pain Surgery: How Our Specialty Lost Its Way. *J Pain Res.* 2024;17:3137-3138. doi:[10.2147/JPR.S496421](https://doi.org/10.2147/JPR.S496421)
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Book Chapters

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2. Zibaitis A, Walsh T, August DA, et al. The Cardiovascular System. In: Matthes K, et al, eds. Pediatric Anesthesiology Board Review. New York, NY: Oxford University Press; 2015.
3. Fishman MA, **Pritzlaff SG**, Newmark JL. Common Pain Syndromes. In: Longnecker D, et al, eds. Anesthesiology. New York, NY: McGraw-Hill; 2017.
4. **Pritzlaff SG**, Hah J, Fishman MA, et al. Anatomy of Neuromodulatory Targets: Central Nervous System and the Periphery. In: Advanced Procedures for Pain Management. Philadelphia, PA: Springer; 2017.
5. Carinci A.J., **Pritzlaff S**, Moore A. Recommendations for Classes of Medications in Older Adults. In: Effective Treatments for Pain in the Older Patient. Springer, New York, NY; 2019.
6. Leong MS, **Pritzlaff S**, Ghosh P. Chapter 1- The Need to Know. In: Deer TR, Pope JE eds. Year One of Practice Transition- The Necessary Guide to Success. New York: Elsevier; 2021.
7. **Pritzlaff SG**, Hills A, Kreis P: Chapter 5: Electricity and Spinal Cord Stimulation, Spinal Cord Stimulation: Percutaneous Implantation Techniques, 2nd edition.
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11. **Pritzlaff SG**, Kreis P, Fishman S: Chapter 10: Permanent Spinal Cord Stimulator Placement, Spinal Cord Stimulation: Percutaneous Implantation Techniques, 2nd edition.
12. **Pritzlaff SG**, Hills A, Jung MJ: Chapter 13: Peripheral Nerve Stimulation, Kreis PG, Fishman SM, Pritzlaff SG, (ed), IN: Spinal Cord Stimulation: Percutaneous Implantation Techniques. 2nd ed, Oxford University Press.
13. **Pritzlaff SG**, Hills A, Jung MJ: Chapter 14: Dorsal Root Ganglion Stimulation, Kreis PG, Fishman SM, Pritzlaff SG, (ed), Spinal Cord Stimulation: Percutaneous Implantation Techniques, 2nd edition, Oxford University Press

Books

1. Kreis P, **Pritzlaff S**, Copenhaver D, Fishman S, eds. Spinal Cord Stimulation: Percutaneous Implantation Techniques. 2nd Edition. New York, NY: Oxford University Press; 2023.

Popular Press/Non-peer Reviewed Articles

1. Vlessides M. New Technique for Tarsal Tunnel Nerve Block Offers Potential for Better Ultrasound Visibility. Pain Medicine News, published 9/3/18.
www.painmedicineneeds.com/Article/PrintArticle?ArticleId=52583
2. **Pritzlaff SG**, Leong M. Peripheral Nerve Stimulation: Using Technology to Create a New Paradigm for Treating Chronic Pain. CSA Vital Times Annual Review, 2019; 56-59.
www.nxtbook.com/allen/esvt/2018/index.php#/p/56
3. Doheny, K. Multiple Mini Interviews: The New Approach to Pain Fellow Recruitment. An AAPM 2021 Meeting Highlight with Ravi Prasad, PhD; Charles DeMesa, DO; and **Scott G. Pritzlaff, MD**. Practical Pain Management, published 4/29/21.
www.practicalpainmanagement.com/meeting-summary/multiple-mini-interviews-new-approach-pain-fellow-recruitment
4. Geyer S. Multiple Mini-Interviews Can Remove Bias From Pain Fellowship Process. Pain Medicine News, published 8/6/21.
www.painmedicineneeds.com/Article/PrintArticle?ArticleId=64249
5. LaFave Grace C. Collaboration Breeds Innovation. Stanford Anesthesia Magazine, published 12/2021.

6. Pritzlaff S. In The Battle Against Pain: How Peripheral Nerve Stimulation Is Changing the Game For Clinicians and Patients with Nerve Pain. Med Tech Outlook, published 11/22. <https://pain-management.medicaltechoutlook.com/cxoinsight/in-the-battle-against-pain-how-peripheral-nerve-stimulation-is-changing-the-game-for-clinicians-and-patients-with-nerve-pain-nwid-2388.html>
7. Network PN. Where Have All the Pain Doctors Gone? Pain News Network. January 24, 2025. Accessed May 14, 2025. <https://www.painnewsnetwork.org/stories/2025/1/24/where-have-all-the-pain-doctors-gone>
8. M.D EG Farrokh Sohrabi. Number of Anesthesiology Residents Applying to Pain Medicine Fellowships Decreasing. February 5, 2025. Accessed May 14, 2025. <https://www.healthday.com/healthpro-news/pain-management/number-of-anesthesiology-residents-applying-to-pain-medicine-fellowships-decreasing>
9. AAPM 2025: A Pivotal Meeting at a Pivotal Time for Pain Medicine. Accessed May 14, 2025. <https://opmed.doximity.com/articles/aapm-2025-a-pivotal-meeting-at-a-pivotal-time-for-pain-medicine>

Online Content

1. McKenzie-Brown AM, **Pritzlaff SG**. Spinal cord stimulation: Placement and management. In: *UpToDate*, Fishman S (Ed), UpToDate, Waltham, MA. Updated 7/2023.
2. Copenhaver D, **Pritzlaff SG**, Jung MJ, Singh N. Interventional Therapies for Chronic Pain. In: *UpToDate*, Fishman S (Ed), UpToDate, Waltham, MA. Updated 2/2024.

H. Presentations

Local/Department Presentations

1. “Methadone.” Santa Clara Primary Care. 8/12/16.
2. “Myofascial Pain Syndrome.” Santa Clara Primary Care. 9/9/16.
3. “Ask Your Doctor Panel.” Stanford Neuromyelitis Optica Awareness Day. Sponsored by the Guthy-Jackson Foundation, 1/28/17.
4. “Ehlers-Danlos Syndrome.” Santa Clara Primary Care, 2/3/17.
5. “Cases in Pain Management for the Primary Care Provider.” Stanford Division of Primary Care and Population Health, 7/13/17.
6. “Ask Your Doctor Panel.” Stanford Neuromyelitis Optica Awareness Day. Sponsored by the Guthy-Jackson Foundation, 10/22/17.
7. “Cancer Pain Management.” Stanford Sarcoma Support Group, Orthopedic Surgical Oncology, 7/19/18.
8. “Peripheral Nerve Stimulation (PNS): Innovative Solutions for Chronic Neuropathic Pain.” Grand Rounds Speaker. UC Davis Department of Neurology Grand Rounds. Virtual Presentation, 7/7/20.
9. “Large Joint Radiofrequency Ablation.” UC Davis Department of Orthopedic Surgery, Adult Reconstruction Service. Journal Club Presenter, 9/8/21.

10. "Treatment of Neuropathic Pain: Where Are We Headed?" UCLA Department of Medicine Grand Rounds. Virtual Presentation, 4/12/22.
11. "Novel Uses of Ultrasound In Pain Medicine." Distinguished Lecture Series, Ochsner Pain Medicine. Virtual Presentation, 5/22/23.
12. "Interventional Innovations for Large Joint Pain: Hip and Knee." Distinguished Lecture Series, Ochsner Pain Medicine. Virtual Presentation, 5/11/24.

Regional/National Presentations

1. "Understanding Pain: Concepts for Community Physicians." Presenter. Community Speaker Series. Fresno-Madera Medical Society, Fresno, CA, 9/21/16.
2. "Upper Extremity MSK and Ultrasound." Presenter. Neurological and Musculoskeletal Ultrasound in Interventional Pain Medicine. World Academy of Pain Medicine Ultrasonography Workshop, San Francisco, CA, 10/1/16.
3. "Understanding Pain: Concepts for Community Physicians." Presenter. Cisco Corporate Medical Clinic, Milpitas, CA, 1/19/17.
4. "Ultrasound Guided Pain Procedures for the Cervical Spine." Presenter. Advanced Ultrasound Techniques of the Spine including RFA & Cryotherapy Procedures. World Academy of Pain Medicine Ultrasonography Workshop, Phoenix, AZ, 2/25/17.
5. "Alternatives to Opioids in the Treatment of Chronic Pain." Presenter. Santa Clara Opioid Overdose Prevention Project/Santa Clara Valley Medical Center, San Jose, CA, 6/7/17.
6. "Evidence for Use of Ultrasound in Ablation." Presenter. Neurosonology and Complex Pain Procedures. World Academy of Pain Medicine Ultrasonography Workshop, Dallas, TX, 8/5/17.
7. "Emerging Concepts in Pain Cancer Care." Presenter. Santa Clara Valley Oncology Nursing Society, Santa Clara, CA, 9/16/17.
8. "Evidence for Use of Ultrasound in Ablation." Presenter. Musculoskeletal and Neurological Ultrasound in Pain Medicine. World Academy of Pain Medicine Ultrasonography Workshop, San Francisco, CA, 10/7/17.
9. "Beyond Opioids: Emerging Concepts in Pain Treatment." Grand Rounds Speaker. Community Hospital of the Monterey Peninsula Medical Grand Rounds. Monterey, CA, 10/18/17.
10. "Chronic Pain Is a Disease, Not a Symptom of Disease." Presenter. 10th Annual Medical Director/Physician Leadership Forum. Sponsored by OptumHealth Education. Las Vegas, NV, 11/9/17.
11. "Fibromyalgia and Chronic Fatigue Syndrome." Grand Rounds Speaker. Natividad Medical Center Grand Rounds. Salinas, CA, 11/14/17.
12. "Peripheral Nerve Stimulation." Presenter. California Society of Interventional Pain Physicians Fellow Workshop. San Francisco, CA, 5/5/18.
13. "Peripheral Nerve Stimulation: Selection and Targets." Presenter. Updates in Peripheral Nerve Stimulation. World Academy of Pain Medicine Ultrasonography Workshop, Chicago, IL, 5/26/18.
14. "Peripheral Nerve Stimulation Best Practices." Presenter. Updates in Peripheral Nerve Stimulation. World Academy of Pain Medicine Ultrasonography Workshop, Chicago, IL, 5/26/18.

15. Session Moderator. American Society of Anesthesiologists Annual Meeting. San Francisco, CA,
16. "Clinical Data of Peripheral Nerve Pain." Presenter. California Society of Interventional Pain Physicians: 9th Annual Conference. Santa Barbara, CA, 11/3/18.
17. "Peripheral Nerve Stimulation: From Stroke to Surgical Patient Selection." Presenter. California Society of Interventional Pain Physicians: 9th Annual Conference. Santa Barbara, CA, 11/3/18.
18. "Peripheral Nerve Stimulation (PNS): Perspectives from the Interventional Pain Physician." Panel Presenter. American Society for the Peripheral Nerve Annual Meeting. Palm Springs, CA, 2/2/19.
19. "Peripheral Nerve Stimulation: Patient Selection and Nerve Targets." Presenter and Session Moderator. American Academy of Pain Medicine, 35th Annual Meeting, Denver, CO, 3/9/2019.
20. "Peripheral Nerve Stimulation (PNS): Updates and Best Practices." Pre-conference Workshop Presenter. American Academy of Pain Medicine, 35th Annual Meeting, Denver, CO, 3/7/19.
21. "The PNS Experience- Emerging Evidence for Chronic Pain." Presenter. World Academy of Pain Medicine Ultrasonography, 5th Annual Meeting, Doral, FL, 2/16/19.
22. "Treatment of Neuropathic Pain: Medications to Neuromodulation." Presenter. Essentials of Primary Care Pain Management. Center for Advancing Pain Relief. Sacramento, CA, 9/21/19.
23. "PNS for Chronic Knee Pain." Panel Speaker. California Society of Interventional Pain Physicians. 10th Annual Meeting, Squaw Valley, CA, 10/26/19.
24. "Upper Extremity Peripheral Nerve Stimulation." Presenter, Peripheral Stimulation Workshop. North American Neuromodulation Society, 23rd Annual Meeting, Las Vegas, NV, 1/23/20.
25. "Joint Radiofrequency Ablation- Considerations for Patient Practice." Presenter and Panelist. World Academy of Pain Medicine Ultrasonography, 6th Annual Meeting, Doral, FL, 2/15/19.
26. "Fellowship Success: Making the Most Out of a Whirlwind Year." Presenter and Panelist. American Academy of Pain Medicine, 35th Annual Meeting, Washington, DC, 2/29/20.
27. "Peripheral Nerve Stimulation: Overview and Innovations." Virtual Presenter. Pacific Spine and Pain Society, 1st Annual Meeting, San Diego, CA, 9/12/20.
28. "Large Joint Radiofrequency Ablation." Virtual Presenter. Pacific Spine and Pain Society, 1st Annual Meeting, San Diego, CA, 9/12/20.
29. "Peripheral Nerve Stimulation: Overview and Innovations." Virtual Presenter. Pacific Spine and Pain Society, 1st Annual Meeting, San Diego, CA, 9/12/20.
30. "Treatment of Neuropathic Pain: Where are We Headed?" Virtual Grand Rounds Speaker. Department of Medicine; University of California, Los Angeles. 4/12/22.
31. "Novel Therapies for Managing Cancer Pain." Presenter. Pacific Spine and Pain Society, 2nd Annual Meeting, Las Vegas, NV, 9/11/21.
32. "Peripheral Nerve Stimulation (PNS): Overview and Innovations." UC Davis Regional Anesthesia and Point-of-Care Ultrasound Workshop. Sacramento, CA, 11/6/21.
33. "Emerging Evidence for Peripheral Nerve Stimulation and Cancer Pain." Presenter. North American Neuromodulation Society, 25th Annual Meeting, Orlando, FL, 1/14/22.

34. "Optimizing Therapy Adoption and Re-establishing Efficacy; Enhancing Outcomes and Ensuring Durability." Mechanisms in Neuromodulation Session. Panelist. American Society of Pain and Neuroscience, 4th Annual Meeting, Miami, FL, 7/16/22.
35. "The Future of Professional Education in Pain Management." Young Innovators Session. Panelist. American Society of Pain and Neuroscience, 4th Annual Meeting, Miami, FL, 7/16/22.
36. "Peripheral Nerve Stimulation for Lower Back Pain: Targets, Techniques, and Evidence." Neuromodulation of the Periphery Session. Panelist. American Society of Pain and Neuroscience, 4th Annual Meeting, Miami, FL, 7/16/22.
37. "Opioid Management in Pain Medicine." Session: "The Opioid Epidemic--Where We Were, Where We Are, and the Role of Psychology." Presenter. American Psychological Association Annual Meeting, Minneapolis, MN, 8/5/22.
38. "Sprint PNS System: Durable Outcomes, Expanded Indications, New Data." Industry Lunch Symposium Presenter. Sponsored by SPR Therapeutics. 9th Annual Meeting, World Academy of Pain Medicine United (WAPMU). Tampa, FL, 1/28/23.
39. "PNS Lunch Symposium." Industry Lunch Symposium Presenter. Sponsored by SPR Therapeutics. Pacific Spine and Pain Society Neuromodulation Lab. Portland, OR, 4/1/23.
40. "Peripheral Nerve Stimulation: Technology Evolution and Expert Insights." Peripheral Nerve Stimulation Session. Panelist. American Society of Pain and Neuroscience, 5th Annual Meeting, Miami, FL, 7/15/23.
41. "Educational Pathways to Interventional Pain and Spine Excellence." Panelist. American Society of Pain and Neuroscience, 5th Annual Meeting, Miami, FL, 7/15/23.
42. "Peripheral Nerve Stimulation (PNS) and Cancer Pain: When to Use and Special Considerations." Presenter and Session Panelist. World Academy of Pain Medicine United, 3rd Annual Meeting Interventional Cancer Pain Symposium, New York, NY. 8/12/23.
43. "Peripheral Nerve Stimulation: Current Evidence and Targets." Presenter and Session Panelist. Pacific Spine and Pain Society Annual Meeting, Ko'Olina, HI. 9/8/23.
44. "PNS Treatment: SPRINT-First is Patient-First and Payer-Friendly." Industry Lunch Symposium Presenter. Sponsored by SPR Therapeutics. North American Neuromodulation Society Annual Meeting, Las Vegas, NV. 1/20/24
45. "Challenges in Fellowship Training." Panel Moderator. Society of Pain and Neuroscience, 6th Annual Meeting, Miami, FL, 7/13/24.
46. "The Evidence for Peripheral Nerve Stimulation: Expert Recommendations to Address the Gaps." Panelist. American Society of Pain and Neuroscience, 6th Annual Meeting, Miami, FL, 7/13/24.

International Presentations

1. "Peripheral Nerve Stimulation." Virtual Presenter and Panelist. International Symposium of Ultrasound and Regional Anesthesia. Toronto, Canada, 6/5/21.
2. "Peripheral Nerve Stimulation: Expanding Frontiers in Pain Medicine." Presenter. NYSORA Pain Summit. Leuven, Belgium, 9/21/25.
3. "Peripheral Nerve Stimulation: How to Get it Right." Presenter. NYSORA Pain Summit. Leuven, Belgium, 9/21/25.

Workshops/Practical Courses

1. Fellow/Faculty Advanced Ultrasound Workshop, Faculty Instructor. Scott Pritzlaff MD, Einar Ottestad MD, Jen Hah MD. Stanford Pain Division, 6/17/17.
2. Fellow/Faculty Peripheral Nerve Stimulation Workshop, Faculty Instructor. Sponsored by SPR Therapeutics and Bioness. University of California, San Francisco, 12/6/17.
3. California Society of Interventional Pain Physicians, Northern California Fellows Cadaver Course: Peripheral Nerve Stimulation, Faculty Instructor. San Francisco, CA, 5/12/18.
4. California Society of Interventional Pain Physicians. 9th Annual Meeting Pre-Conference Cadaver Workshops: Peripheral Nerve Stimulation, Faculty Instructor. Santa Barbara, CA, 11/2/18.
5. American Academy of Pain Medicine, Pre-Conference Ultrasound Course, Faculty Instructor. 35th Annual Meeting, Denver, CO, 3/8/19.
6. California Society of Interventional Pain Physicians. Spring Fellows Course. Peripheral Nerve Stimulation, Faculty Instructor. San Diego, CA, 3/16/19.
7. SPR Therapeutics Industry Teaching Course: PNS Masters, Speaker, and Faculty Instructor. Chicago, IL, 4/13/19.
8. California Society of Interventional Pain Physicians. 10th Annual Meeting Pre-Conference Cadaver Workshops: Peripheral Nerve Stimulation, Faculty Instructor. Squaw Valley, CA, 10/25/19.
9. Bioness Industry Teaching Course, Stimrouter PNS System, Speaker, and Faculty Instructor. UCLA Pain Medicine, Santa Monica, CA, 1/18/20.
10. North American Neuromodulation Society, Pre-conference Peripheral Nerve Stimulation Cadaver Workshop, Faculty Instructor. 23rd Annual Meeting, Las Vegas, NV, 1/23/20.
11. SPR Therapeutics Industry Teaching Course, Peripheral Nerve Stimulation Course, Speaker and Faculty Instructor. Los Angeles, CA, 11/7/20.
12. UC Davis Faculty/Fellow Cadaver Workshop: DRG Stimulation and Certification, Organizer and Coordinator (Industry Partner: Abbott). Sacramento, CA, 2/27/21.
13. Pacific Spine and Pain Society, Neuromodulation Training Lab for Fellows and Practicing Physicians: Peripheral Nerve Stimulation, Faculty Instructor. Las Vegas, NV, 4/10/21.
14. World Academy of Pain Medicine United, West Coast Pain Symposium: Live Model Ultrasound Scanning and Peripheral Nerve Stimulation, Faculty Instructor. San Francisco, CA, 4/30-5/1/21.
15. UC Davis Faculty/Fellow Cadaver Workshop: Spinal Cord Stimulation and Indirect Lumbar Decompression, Organizer and Coordinator (Industry Partners: Medtronic and Boston Scientific). Sacramento, CA, 6/26/21.
16. Pacific Spine and Pain Society. Annual Meeting Hands-On Cadaver Lab: Peripheral Nerve Stimulation, Faculty Instructor. Las Vegas, NV, 9/10/21.
17. SPR Therapeutics Industry Teaching Course: Peripheral Nerve Stimulation Course, Speaker and Faculty Instructor. Long Beach, CA, 10/23/21.
18. UC Davis Faculty/Fellow Cadaver Workshop: DRG Stimulation and Peripheral Nerve Stimulation, Organizer and Coordinator (Industry Partners: Abbott and Nalu Medical). Sacramento, CA, 11/13/21.
19. UC Davis Faculty/Fellow Cadaver Workshop: Spinal Cord Stimulation, Organizer and Coordinator (Industry Partner: Nevro Corp). Sacramento, CA, 3/19/22.
20. SPR Therapeutics Industry Teaching Course: Peripheral Nerve Stimulation Course, Speaker, and Faculty Instructor. Sacramento, CA, 3/26/22.

21. UC Davis Faculty/Fellow Cadaver Workshop: DRG Stimulation and Certification, Organizer and Coordinator (Industry Partner: Abbott). Sacramento, CA, 6/11/22.
22. American Society of Pain and Neuroscience (ASPN), Chronic Pain Workshop: Ultrasound Guidance for Pain, Faculty Instructor. 4th Annual Meeting, Miami, FL, 7/17/22.
23. SPR Therapeutics Industry Teaching Course: Peripheral Nerve Stimulation Course, Speaker and Faculty Instructor. Salt Lake City, UT, 8/20/22.
24. UC Davis Faculty/Fellow Cadaver Workshop: Intrathecal Pump Implantation and Spinal Cord Stimulation, Organizer and Coordinator (Industry Partner: Medtronic). Sacramento, CA, 9/10/22.
25. Pacific Spine and Pain Society. Annual Meeting Hands-On Cadaver Lab: Peripheral Nerve Stimulation, Faculty Instructor. Las Vegas, NV, 9/16/22.
26. SPR Therapeutics Industry Teaching Course: Peripheral Nerve Stimulation Course, Speaker and Faculty Instructor. Las Vegas, NV, 9/16/22.
27. American Society of Regional Anesthesia and Pain Medicine, Major Joint Radiofrequency Ablation (Hip, Shoulder, Knee) Workshop, Faculty Instructor. 21st Annual Pain Medicine Meeting. Orlando, FL, 11/17/22.
28. American Society of Regional Anesthesia and Pain Medicine, Spinal Cord Stimulation and Advanced Spinal Procedures Workshop, Faculty Instructor for SCS. 21st Annual Pain Medicine Meeting. Orlando, FL, 11/18/22.
29. American Society of Regional Anesthesia and Pain Medicine, Sonoanatomy and Hands-On Ultrasound Workshop. 21st Annual Pain Medicine Meeting. Orlando, FL, 11/19/22.
30. World Academy of Pain Medicine United, Peripheral Nerve Stimulation, Faculty Instructor. 9th Annual Meeting. Tampa, FL, 1/28/23.
31. UC Davis Faculty/Fellow Cadaver Workshop. DRG Stimulation and Certification, Organizer and Coordinator (Industry Partner: Abbott). Sacramento, CA, 2/4/23.
32. Pacific Spine and Pain Society, Neuromodulation Lab and Workshop, Ultrasound Interventional Techniques, Faculty Instructor. Portland, OR, 4/1/23.
33. SPR Therapeutics Industry Teaching Course: Peripheral Nerve Stimulation Course, Speaker and Faculty Instructor. Salt Lake City, UT, 4/22/23.
34. UC Davis Faculty/Fellow Cadaver Workshop: Multifidus Restorative Stimulation and Peripheral Nerve Stimulation, Organizer and Coordinator (Industry Partner: Mainstay Medical and Natu Medical). Sacramento, CA, 5/13/23.
35. American Society of Regional Anesthesia and Pain Medicine, Pain Medicine and MSK Ultrasound Cadaver Course, Faculty Instructor. Northwestern University Simulation Center, Chicago, IL, 6/10-6/11/23.
36. UC Davis Faculty/Fellow Cadaver Workshop: Intrathecal Pump Implantation and Spinal Cord Stimulation, Organizer and Coordinator (Industry Partner: Medtronic). Sacramento, CA, 8/5/23.
37. World Academy of Pain Medicine United, Sacroiliac, Pelvic, and Lumbar Spine Ultrasound; Faculty Instructor. Underground Ultrasound Cadaver Workshop, 3rd Annual Meeting Interventional Cancer Pain Symposium, New York, NY, 8/11/23.
38. World Academy of Pain Medicine United, Peripheral Nerve Stimulation of the Torso, Cervical Spine and Shoulder; Faculty Instructor. Innovations in Pain Medicine Cadaver Workshop, 3rd Annual Meeting Interventional Cancer Pain Symposium, New York, NY, 8/12/23.

39. UC Davis Faculty/Fellow Cadaver Workshop: Minimally Invasive Lumbar Decompression, Organizer and Coordinator (Industry Partner: Boston Scientific/Vertos Medical). Sacramento, CA, 12/2/23.
40. North American Neuromodulation Society, Spinal Cord Stimulation Certificate Program: Suturing and Anchoring Station, Faculty Instructor. Annual Meeting Cadaver Workshop, Las Vegas, NV, 1/18/24.
41. SPR Therapeutics Industry Teaching Course: Peripheral Nerve Stimulation Course, Speaker and Faculty Instructor. South San Francisco, CA, 5/11/24
42. UC-Wide Inaugural Faculty/Fellow Cadaver Workshop (UC Davis, UC San Diego, UCSF, UCLA): DRG Stimulation and Certification, Organizer and Coordinator (Industry Partner: Abbott). Sacramento, CA, 3/16/24.
43. UC Davis Faculty/Fellow Cadaver Workshop: Sacroiliac Joint Fusion and Advanced SCS (Industry Partner: SI-Bone and Biotronik). Sacramento, CA, 6/15/24.
44. American Society of Pain and Neuroscience (ASPN), Cadaveric Workshop: Peripheral Nerve Stimulation, Faculty Instructor. 6th Annual Meeting, Miami, FL, 7/11/24.
45. UC Davis & UCSF Faculty/Fellow Cadaver Workshop: Intrathecal Pump Implantation and Spinal Cord Stimulation, Organizer and Coordinator (Industry Partner: Medtronic). Sacramento, CA, 8/5/23.
46. UC Davis Faculty/Fellow Cadaver Workshop: Intrathecal Pump Implantation and Spinal Cord Stimulation, Organizer and Coordinator (Industry Partner: Medtronic). Sacramento, CA, 8/5/23.
47. UC Davis Faculty/Fellow Cadaver Workshop: Sacroiliac Joint Fusion and Advanced SCS (Industry Partner: SI-Bone and Biotronik). Sacramento, CA, 6/15/24.
48. UC Davis Faculty/Fellow Cadaver Workshop: Sacroiliac Joint Fusion and Advanced SCS (Industry Partner: SI-Bone and Biotronik). Sacramento, CA, 6/15/24.
49. UC Davis Faculty/Fellow Cadaver Workshop: Sacroiliac Joint Fusion and Advanced SCS (Industry Partner: SI-Bone and Biotronik). Sacramento, CA, 6/15/24.
50. UC Davis Faculty/Fellow Cadaver Workshop: Sacroiliac Joint Fusion and Advanced SCS (Industry Partner: SI-Bone and Biotronik). Sacramento, CA, 6/15/24.

Webinars/Online Media Presentations

1. “Applying for Pain Medicine Fellowship: Insider Tips from Fellowship Program Directors.” Live National Webinar. Panel Speaker. American Academy of Pain Medicine, 11/7/18.
2. “Pain Medicine Fellowship and Beyond: Lessons Learned from the Experts.” Live National Webinar. Panel Speaker and Moderator. American Academy of Pain Medicine, 12/10/19.
3. “PNS Anatomy for the Lower Extremity.” Webinar Speaker. Peripheral Nerve Stimulation Training Portal. World Academy of Pain Medicine United. Released 4/18/20.
4. “Weathering the Storm: Optimizing Pain Care During the COVID-19 Pandemic.” Webinar Panelist. Stanford Center for Continuing Education. COVID-19 CME Education. Released 4/21/20.
5. “Radiofrequency Ablation Techniques of Major Joints: Hip, Knee, Shoulder.” Webinar Speaker. Training Webinar Series: Radiofrequency Techniques. Pacific Spine and Pain Society, 5/14/20.

6. "Lower Extremity Physical Exam." Webinar speaker. Telemedicine for the Pain Medicine Physician: Virtual Training Portal. World Academy of Pain Medicine United, Released 5/20/20.
7. "Peripheral Nerve Stimulation Q&A Webinar." Panel Speaker. World Academy of Pain Medicine United, 5/6/20.
8. "Expanding Your Practice with PNS." Live National Webinar. Panel Speaker. Nalu Medical, 6/10/20.
9. "PNS Leadership Learning Series Session: Oncologic Pain." Live National Webinar. Panel Speaker. SPR Therapeutics, 6/24/20.
10. "Pain Management During COVID19." Podcast Panelist. Stanford Medcast: COVID-19 Mini-Series. Stanford Center for Continuing Education, Released 10/6/20.
11. "Hot Topics Mini-series: Neuromodulation/Neurostimulation." Podcast Panelist. Stanford Medcast. Stanford Center for Continuing Education, Released 1/19/21.
12. "When to Start with PNS: 60-Day Treatment or Multi-Day Trial?" Webinar Speaker. American Society of Pain and Neuroscience, 3/31/21.
13. "Peripheral Nerve Stimulation: Overview and Innovations for Fellows." Virtual Presenter. Pain Learning Exchange (PLEX), 4/12/21.
14. "Rising Leaders in Pain and Neuroscience Webinar." Webinar Moderator. American Society of Pain and Neuroscience, 5/25/21.
15. "The Next Big Thing in Interventional Spine and Nerve Treatment." Webinar Panelist. American Society of Pain and Neuroscience, 12/15/21.
16. Pain Program Directors' Virtual Meet and Greet. Webinar Panelist. Pain Medicine Resident Section Committee, American Society of Regional Anesthesia and Pain Medicine (ASRA), 4/7/22.
17. "Neuromodulation for Cancer Patients: Patient Selection, Targets and Choice of Therapy." Webinar Panelist. North American Neuromodulation Society (NANS), 8/1/22.
18. "Blurring the Lines: Perspectives from Academic Pain Fellowship Programs." Webinar Panelist. American Society of Pain and Neuroscience, 8/23/22.
19. "Peripheral Nerve Stimulation for the 21st Century: Sural, Superficial Peroneal and Tibial Nerves." Webinar Presenter and Panelist. International Neuromodulation Society (INS), 10/6/22.
20. Pain Program Directors' Virtual Meet-and-Greet. Webinar Panelist. Pain Medicine Resident Section Committee, American Society of Regional Anesthesia and Pain Medicine (ASRA), 2/16/23.
21. Cancer Pain Series: Management of Complex Cancer Cases Using Neuromodulation. Webinar Panelist. World Academy of Pain Medicine United, 3/29/23.
22. Pain Program Directors' Virtual Meet-and-Greet. Webinar Panelist. Pain Medicine Resident Section Committee, American Society of Regional Anesthesia and Pain Medicine (ASRA), 3/14/24.
23. "PNS vs. SCS for CRPS Treatment." Faculty Expert Moderator. WAPMU Wednesdays Case Presentation Series. World Academy of Pain Medicine United, 8/21/24.
24. Integrating the Use of the SPR SPRINT PNS System in VA and DoD Settings: Evidence, Access, and Clinical Impact. Webinar Panelist. SPR Education Series. 9/16/25.
25. SPRINT Fellows Webinar: Pain Care Continuum and MOA. Webinar Panelist. SPR Education Series. 10/8/25.

Online Media/Podcasts/Recorded Presentations

1. “Pain Fellowship Interviews During COVID-19.” Podcast Guest. Pacific Spine and Pain Society, Released 12/25/20.
2. “Using the Language of Nerves Against Pain: Analgesic Neuromodulation.” UC Davis Center for Advancing Pain Relief, Train the Trainer (T3) Fellowship Program, 5/12/22.
3. “Diagnosis and Treatment of Knee Pain.” UC Davis Center for Advancing Pain Relief, Train the Trainer (T3) Fellowship Program, 5/12/22.
4. “Complex Regional Pain Syndrome.” UC Davis Center for Advancing Pain Relief, Train the Trainer (T3) Fellowship Program, 5/12/22.
5. “Novel Uses of Ultrasound in Pain Medicine.” Omnicuris Online CME Talk (India), 2/19/24.
6. “Sacroiliac Joint Pain: Diagnosis and Treatment.” Omnicuris Online CME Talk (India), 5/10/24.
7. “Evolution of the Inventional Pain Fellowship.” Podcast Guest. Pacific Spine and Pain Society, Released 5/31/2024.
8. “Pain Medicine Training: A Call for Reformation—Part 1.” Podcast Presenter. Pain Matters Podcast. American Academy of Pain Medicine. Released, 7/25/24.
9. “Pain Medicine’s Identity Crisis and the Future of Training.” Podcast Guest. Spine and Nerve Podcast. Released, 11/4/24.
10. “Pain Medicine Training: A Call for Reformation—Part 2.” Podcast Presenter. Pain Matters Podcast. American Academy of Pain Medicine. Released, 8/28/24.
11. “The Gateway to Peripheral Nerve Stimulation.” Podcast Presenter. Pain Unfiltered Podcast. American Society of Pain and Neuroscience. Released, 8/31/25.

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