

MICHAEL B. JACOBS, M.D., M.P.H.

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(240) 242-7011

MEDICAL TRAINING

- FELLOWSHIP Pain Medicine, Walter Reed National Military Medical Center/National Capital Consortium, Bethesda, MD, 2013-2014
- RESIDENCY Physical Medicine & Rehabilitation, Walter Reed National Military Medical Center/National Capital Consortium, Bethesda, MD, 2010-2013
- Occupational and Environmental Medicine, Duke University, Durham, NC, 2002-2004
- INTERNSHIP Internal Medicine, Naval Medical Center, San Diego, CA, 1998-1999

EDUCATION

- MEDICAL M.D., Temple University School of Medicine, Philadelphia, PA. 1998
- GRADUATE M.P.H., Public Health Leadership Program, University of North Carolina, Chapel Hill, NC. 2003
- UNDERGRADUATE B.A., Biology, University of Pennsylvania, Philadelphia, PA. 1994

BOARD CERTIFICATIONS

- American Board of Physical Medicine & Rehabilitation
- Board Certified, Physical Medicine & Rehabilitation, 2014
 - Recertification, 2024
 - Board Certified, Pain Medicine, 2014
 - Recertification, 2024
- American Board of Preventive Medicine
- Board Certified, Occupational & Environmental Medicine, 2005
 - Recertification, 2013, 2024
 - Board Certified, Undersea & Hyperbaric Medicine, 2006

LICENSES

State of Maryland, Board of Physicians, License Number D0078231
State of Virginia, Board of Medicine, License Number 0101222561
State of Pennsylvania, Board of Medicine, License Number MD465844

PROFESSIONAL EXPERIENCE

Precision Orthopedics, Laurel, MD, January 2025 - present
Interventional Pain Medicine physician

Physical Medicine Associates, Reston, VA, July 2022 – Dec 2024
Interventional Pain Medicine physician

Medicolegal consulting (part-time), 2016-present
Expert Witness, Independent Medical Examinations, Peer Reviews

MedStar Health, Washington, DC, July 2019-July 2022
Director of Interventional Pain Medicine, MedStar Health at Lafayette Centre, MedStar Health at Leisure World

Walter Reed National Military Medical Center, Bethesda, MD, 2014-2019
Director of Interventional Pain Medicine and Faculty Member, Physical Medicine & Rehabilitation, 2014-2019
Associate Program Director, Pain Medicine Fellowship, 2015-2019
White House Medical Unit Physician, 2014-2019

Parkway Neuroscience and Spine Institute, Hagerstown, MD and Chambersburg, PA, 2016-2019
Interventional Pain Medicine Physician (Part-time)

Naval Hospital Sigonella, Sicily, Italy, 2007-2010
Director, Flight Line Clinic, 2008-2010
Public Health Emergency Officer, 2007-2010
Head, Occupational and Preventive Medicine Department, 2007-2010

Naval Health Clinic, Great Lakes, IL, 2004-2007
Assistant Department Head, Occupational and Preventive Medicine, 2004-2007

USS Emory S. Land (AS 39), La Maddalena, Italy, 2000-2002
Undersea/Hyperbaric Medical Officer, 2000-2002
Submarine Squadron 22 Medical officer (Part-time), 2000-2002

Naval Undersea Medical Institute, Groton, CT, 1999-2000
Undersea Medical Officer Training

U.S. Navy, Medical Corps, 1998-2019

- PM&R Specialty Leader/Consultant to Navy Surgeon General, 2014-2018
- Retired July 1, 2019 at rank of Commander

ACADEMIC APPOINTMENTS

Georgetown University School of Medicine, Washington, DC

- **Associate Professor** of Anesthesiology, 2021-2024

Uniformed Services University of the Health Sciences, Bethesda, MD

- **Assistant Professor** of Physical Medicine & Rehabilitation, 2014-2020

National Capital Consortium, Bethesda, MD

- **Associate Program Director**, Anesthesia Pain Medicine Fellowship, 2015-2019
- **Faculty**, Physical Medicine & Rehabilitation Residency, 2013-2019

Rosalind Franklin University of Medicine and Science, North Chicago, IL

- **Clinical Assistant Professor** of Family Medicine, 2005-2012

PROFESSIONAL MEMBERSHIP AND LEADERSHIP POSITIONS

Member, American Society of Pain and Neuroscience, 2025-present

Member, American Society of Interventional Pain Physicians, 2023-present

Member, American Society of Regional Anesthesia and Pain Medicine, 2020-2023

Member, American Academy of Physical Medicine & Rehabilitation, 2020-2022

Co-Chair, Resident-Fellow Section, North American Neuromodulation Society, 2013-2014

Chair, Resident-Fellow Section, American Society of Interventional Pain Physicians, 2013-2014

Vice Chair, Resident-Fellow Section, American Society of Interventional Pain Physicians, 2011-2013

Alternate Delegate, Resident-Fellow Section, American Medical Association, 2010-2012

Secretary, Resident-Fellow Section, Maryland State Medical Society, 2010-2012

AWARDS

Joint Meritorious Service Medal, 2019

Master Clinician, Walter Reed National Military Medical Center, 2015

Joint Service Achievement Medal, 2015

Joint Service Commendation Medal, 2013, 2014

Resident Research Award, PM&R, 2013

Outstanding Performance Award, PM&R, 2013

Navy & Marine Corps Commendation Medal, 2007, 2010
Navy & Marine Corps Achievement Medal, 2002, 2006
Delta Omega Alpha National Honor Society, 2003
Honorman, Naval Diving and Salvage Training Center, 1999
Alpha Omega Alpha National Honor Society, 1997
Armed Forces Health Professions Scholarship, 1995

COMMITTEE ASSIGNMENTS AND ADMINISTRATIVE SERVICES

Member, ASRA Pain Medicine Guidelines and Regulatory Advocacy Committee, 2021-2023
Member, Medical Advisory Committee, Lafayette Surgery Center, Washington, DC, 2020-2022
Member, Selection Committee for Chair of Neurology, Uniformed Services University, 2018
Specialty Leader/Consultant to Navy Surgeon General, Navy PM&R, 2013-2018
Nonsurgical Representative, Executive Committee of the Medical Staff, NH Sigonella, 2008-2010
Member, Scientific Review Committee, NHC Great Lakes, 2004-2007
Member, Institutional Review Board, NHC Great Lakes, 2004-2007

RESEARCH EXPERIENCE

Collaborating investigator, Pharmacogenomics (PGx) applied to chronic pain treatment in primary care (PGx-ACT), 2020-2022

Principal Investigator, Prospective, randomized, comparative effectiveness study of intradiscal bone marrow aspirate concentrate versus corticosteroids for discogenic low back pain. 2017-2019

Principal Investigator, Retrospective study of socket requirements by level of injury in service members over the first 12 months post-amputation. 2016-2019

Principal Investigator, Prospective, observational study evaluating the ability of clinical factors to predict interventional treatment outcomes for low back pain. 2015-2019

Assistant Investigator, Randomized, controlled, double-blind, effectiveness study comparing compounded topical pain creams vs. placebo for treating pain symptoms. 2015-2018

Assistant Investigator, Randomized, controlled, double-blind, comparative-effectiveness study comparing fluoroscopically-guided and landmark-guided sacroiliac joint injections. 2015-2017

Assistant Investigator, Medial branch blocks vs. Intra-articular injections: Randomized, controlled study comparing lumbar facet radiofrequency denervation using different diagnostic injections. 2015-2016

Principal Investigator, Randomized, double-blind, comparative-effectiveness study comparing corticosteroid injections to pulsed radiofrequency for occipital neuralgia. 2013-2015

Assistant Investigator, Phase 3, randomized, double-blind, placebo-controlled study of the safety and efficacy of the live, oral adenovirus type 4 and type 7 vaccine, in U.S. military recruits. 2005-2007

PUBLICATIONS

1. Dement JM, Pompeii LA, Ostbye T, Epling C, Lipscomb HJ, James T, **Jacobs MB**, Jackson G, Thomann W. An integrated comprehensive occupational surveillance system for health care workers. *Am J Ind Med.* 2004 Jun; 45(6):528-38.
2. **Jacobs MB**, Niemtow RC. Treatment of phantom limb pain with laser and needle auricular acupuncture: A case report. *Medical Acupuncture.* 2011 Mar; 23(1):57-60.
3. Kushner RA, Russell KL, Abuja M, Bauer KM, Faix DJ, Hait H, Henrick J, **Jacobs M**, Liss A, Lynch JA, Liu Q, Lyons AG, Malik M, Moon JE, Stubbs J, Sun W, Tang D, Towle A, Walsh DS, Wilkerson D. A phase 3, randomized, double-blind, placebo-controlled study of the safety and efficacy of the live, oral adenovirus type 4 and type 7 vaccine, in U.S. military recruits. *Vaccine.* 2013 Jun; 31(28):2963-71.
4. Cohen SP, Peterlin BL, Fulton L, Neely E, Kurihara C, Gupta A, Mali J, Fu D, **Jacobs MB**, Plunkett AR, Verdun AJ, Stojanovic MP, Hanling S, Constantinescu O, White R, McLean B, Pasquina P, Zhao Z. Randomized, double-blind, comparative-effectiveness study comparing pulsed radiofrequency to steroid injections for occipital neuralgia or migraine with occipital nerve tenderness. *Pain.* 2015 Dec; 156(12):2585-94.
5. **Jacobs MB**, Cohen SP. Duloxetine for subacute pain management after total knee arthroplasty: should we write it off or reevaluate? (Editorial) *Anesthesiology.* 2016 Sep; 125(3): 454-6.
6. **Jacobs MB**, Raja SN, Cohen SP. Post Amputation Pain. In: Benzon HT, editor. *Essentials of Pain Medicine.* 4th ed. Philadelphia: Elsevier; 2018. p. 241-50.
7. **Jacobs MB**, Cohen SP. Spine Pain. In: Cheng J, Rosenquist R, editors. *Fundamentals of Pain Medicine.* Springer, Cham; 2018. p. 155-64.
8. Cohen SP, Doshi TL, Constantinescu OC, Zhao Z, Kurihara C, Larkin TM, Griffith SR, **Jacobs MB**, Kroski WJ, Dawson, TC, Fowler IM, White RL, Verdun AJ, Jamison DE, Anderson-White M, Shank SE, Pasquina PF. Effectiveness of lumbar facet joint blocks and predictive value before radiofrequency denervation. The Facet Treatment Study (FACTS), a randomized, controlled, clinical trial. *Anesthesiology.* 2018 Sep; 129(3): 517-35.
9. Cohen SP, Bickett MC, Kurihara C, Griffith SR, Fowler IM, **Jacobs MB**, Liu R, Anderson White M, Verdun AJ, Hari SB, Fisher RL, Pasquina PF, Vorobeychik Y. Fluoroscopically guided vs landmark-guided sacroiliac joint injections: A randomized controlled study. *Mayo Clin Proc.* 2019 Apr;94(4):628-42.
10. Fletcher S, Wandner LD, Kurihara C, Lindeire S, Liu R, **Jacobs MB**, Griffith SR. Short-term disability and pain outcomes following spinal cord stimulator implant in patients with comorbid psychiatric illness at 3- and 6-month follow-up. *Journal of Pain.* 2019; 20(4): S10.
11. Park E, Wandner LD, Kurihara C, Lindeire S, Liu R, **Jacobs MB**, Griffith SR. Spinal Cord Stimulator (SCS) therapy among active duty military members decreased opioid therapy and improves overall pain. *Journal of Pain.* 2019; 20(4): S10.

12. Cohen SP, Doshi TL, Dawson, TC, Gupta A, Durbhakula S, Constantinescu OC, **Jacobs MB**, Verdun AJ, Salisu-Orhurhu M, Griffith SR, Kurihara C. Prognostic value of hypersensitivity reactions on epidural steroid injection outcomes: a phenotypic signature? A prospective cohort study. *Reg Anesth Pain Med*. 2019; 44:586-94.

13. Smith DM, Beyene R, Kolm P, Young TA, Zifa S, Natividad V, Licata A, Podolsky RH, Moor T, Walsh R, Deva S, Walker AD, **Jacobs MB**, Peshkin BN, Swain SM. A randomized hybrid-effectiveness trial comparing pharmacogenomics (PTx) to standard care: the PGx applied to chronic pain treatment in primary care (PGx-ACT) trial. *Clinical and Translational Science*. 2025; 18:e70154.

EDITORIAL EXPERIENCE

Reviewer, *Regional Anesthesia and Pain Medicine*, 2016-2019

Reviewer, *Pain Medicine*, 2017

INVITED LECTURES

Chronic Pain Management for the Injured Worker. Meeting of DC Metro Chapter, American College of Occupational & Environmental Medicine. Washington, DC (2014).

Radiofrequency for Chronic Joint Pain. American Academy of Pain Medicine annual conference. Orlando, FL (2017).

Work-related Musculoskeletal Disorders of the Upper Extremity. Occupational Medicine Resident Lecture Series, Walter Reed National Military Medical Center, Bethesda, MD (2018).

Strategies for Poorly Controlled Pain. Rheumatology Grand Rounds, MedStar Georgetown University Hospital (2020).

Interventional Pain Management for Chronic Joint Pain. "Dinner with a doc", MedStar Physical Therapy at Lafayette Centre (2020).

Complex Regional Pain Syndrome. Physical Medicine & Rehabilitation resident lecture series, MedStar National Rehabilitation Hospital (2021).

Opioids. Anesthesia resident lecture series, MedStar Georgetown University Medical Center (2022).

Interventional Treatments for Chronic Joint Pain. Rheumatology Grand Rounds, MedStar Georgetown University Hospital (2022).

Inpatient Therapies for Chronic Pain. Anesthesia resident lecture series, MedStar Georgetown University Medical Center (2022).

TEACHING ACTIVITIES

Mentor, through ASRA, MedStar, WRNMMC. 2014-present. Paired with physicians interested in pursuing a career in pain medicine.

Clinical staff, Anesthesia Residency Program, MedStar Georgetown University Hospital, 2020-2022.

Clinical staff, Physical Medicine & Rehabilitation Residency Program, MedStar National Rehabilitation Hospital, 2020-2022.

Conference Coordinator and Teaching Faculty, Military Pain Skills Training Course on Regenerative Medicine. Naval Medical Center San Diego. 2018

Preceptor, Musculoskeletal Medicine Examinations, Uniformed Services, 2012-2019

Academic/Clinical Staff, Pain Medicine Fellowship, WRNMMC, 2014-2019

Academic/Clinical Staff, PM&R Residency Program, WRNMMC, 2014-2019

Clinical Supervisor, PM&R/Pain Intern Rotation, WRNMMC, 2014-2019

Lecturer, Diving Related Illness, Rosalind Franklin University, 2007-2010