**Meredith Barad, MD**

**Curriculum Vitae 2020**

Stanford University Pain Management Center

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Redwood City, CA 94063

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| **EDUCATION** |

2003 MD Stanford University School of Medicine, Stanford, CA

1998 BA Summa Cum Laude (Plan II Liberal Arts Honors Program), University of Texas, Austin, TX

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| **POSTGRADUATE EDUCATION** |

2008-2010 Postdoctoral Fellowship. Stanford Systems Neuroscience and Pain Lab. Stanford University School of Medicine, Stanford, CA

2007-2008 Fellowship, Pain Management –Anesthesia. Stanford University School of Medicine. Stanford, CA

2004-2007 Residency, Neurology. Stanford University School of Medicine. Stanford, CA

2003-2004 Internship, Internal Medicine. Santa Clara Valley Medical Center, San Jose, CA

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| **BOARD CERTIFICATION** |

2018 American Board Psychiatry and Neurology (recertification)

2012 Diplomat United Council of Neurologic Subspecialties-Headache Medicine

2009 American Board of Psychiatry Neurology –Pain Medicine

2008 American Board of Psychiatry and Neurology

2004 Medical Board of California

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| **CLINICAL AND ACADEMIC APPOINTMENTS** |

2019 Clinical Associate Professor of Anesthesia (Pain Management) and Neurology and Neurological Sciences. Stanford Hospital and Clinics, Palo Alto, CA

2011 – 2018 Clinical Assistant Professor of Anesthesia (Pain Management) and Neurology and Neurological Sciences. Stanford Hospital and Clinics, Palo Alto, CA

2008 – 2011 Clinical Instructor, Anesthesia (Pain Management)

Stanford Hospital and Clinics, Palo Alto, CA

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| **OTHER APPOINTMENTS** |

2020 Program Director, Pain Fellowship

2019 Associate Division Chief of Pain Education

2019-2020 Associate Program Director, Pain Fellowship

2018-2019 Co-Director of Pain Working Group for development of medical school curriculum

2016- Present Co-Director, Facial Pain Program, Stanford Hospital and Clinics

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|  **TEACHING AND CLINICAL CARE** |

2008- Present Regular clinical teaching and supervision of trainees in pain and headache

2008- 2019 CME Pain Didactic Director – Stanford Pain Fellowship, coordination, development and implementation of 90 CME lectures per year

2019 Associate Division Chief of Education – responsible for all divisional educational offerings for trainees.

2015-2018 Director of Didactics- Headache – Stanford Headache Fellowship, coordination, development and implementation of 40 lectures per year

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|  **OTHER TEACHING EXPERIENCE** |

2008- Present Annual Lectures for Fellow Didactics in both Headache and Pain

2017- 2019 Neurology Clerkship Headache Didactic

2018 Q6 Medical School Lecture/small group workshop on chronic pain management

 Students/Trainees/Mentorship

2017-2018 Pain Fellowship Mentor to Sophie Collins

2018 Summer research mentor to Kathryn Mueller

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| **MAJOR ADMINISTRATIVE RESPONSIBILTIES OR COMMITTEE ASSIGNMENTS** |

2020 Chair – Program Evaluation Committee, Clinical Competency Committee

2015-2019 Program Evaluation Committee, Clinical Competency Committee, Stanford Pain Division

2018 Co-Chair Pain Working Group for Pre-clerkship education, Stanford Medical School

2013–Present Co-Director Stanford Center for Orofacial Pain, Stanford Hospital and Clinics

2012–Present Pain Fellowship Interview Committee, Stanford Pain Division

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| **PUBLIC AND PROFESSIONAL SERVICE- Community Service Related to Professional Work** |

2018 “Headaches in the Marfan Population.” Annual Conference, Marfan Foundation. Santa Clara, CA

2015, 2018 “Medical Management of Trigeminal Neuralgia.” TNA Bay Area Support Group, Stanford, CA

2015 Update in Treatment of Migraine Headaches. Recorded <https://www.youtube.com/watch?time_continue=3&v=bhB-Poczp2Q>. For Stanford Health Library.

2012- 2014 Director of Stanford Partnership with Redwood City Police for Department for National Take Back Day, a national effort to get unused medications, especially opiates, out of homes.

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| **PROFESSIONAL SOCIETIES** |

2020 ASRA 2021 Pain Medicine Meeting Planning Committee

2020 Board of Advisors – BrainWeekEnd (off shoot of PainWeek)

2019 Chair – Guidelines on Preventative Multidisciplinary Management of Migraine, Commissioned by AAPM Foundation

2019 Appointed Board of Directors – American Interventional Headache Society

2018 Director of Headache and Facial Pain SIG at AAPM

2012 American Academy of Pain Medicine

2012 American Headache Society, member of Intracranial Pressure SIG and Procedural SIG

**Ad Hoc Reviewer**

2008 J Neurology, Pain Medicine, AIHS

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| **POST DEGREE AWARDS AND HONORS** |

2018 Higher than 90% Likelihood to Recommend, Stanford Hospital and Clinics Annual Honorary Award Dinner

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| **OTHER STUDY AND RESEARCH OPPORTUNITIES**  |

2016-2019 Funder: ATI (Clinical Trial)

Title: Sphenopalantine ganglion stimulation for the treatment of Chronic Cluster

Role: PI

2016-2017 Funder: Capnia (Clinical Trial)

Title: A Placebo-Controlled, Single-Blind Study Evaluating the Safety and Efficacy of Nasal Carbon Dioxide for the Symptomatic Treatment of Classical Trigeminal Neuralgia

Role: PI

2014-2016 Funder: Allergan (Clinical Trial)

Title: ACT - Adolescent Chronic Migraine Treatment Study. Efficacy of Botox versus placebo in adolescents with chronic migraine

Role: PI

2013- 2015 Funder: Allergan (Clinical Trial)

Title: COMPEL - An open-label evaluation of the long-term efficacy, safety, tolerability of Botox

Role: PI

2008- 2010 Funder: American Academy of Neurology Training Grant

Title: Learned Control of Brain Activity in Chronic Pain Patients using Real-time fMRI

Role: Research Training Fellowship, PI Sean Mackey

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| **BIBLIOGRAPHY** |

***Peer Reviewed Journal Articles (6 total, 1 submitted, 1 invited )***

Yao A, **Barad M**. Diagnosis and Management of Chronic Pain. BJA Education, 20(4): 120e125 (2020). April 2020, 120-125. doi:10.1016/j.bjae.2020.01.001.

**Barad M**, Sturgeon JA, Fish S, Dexter F, Mackey S, Flood PD. Response to BotulinumtoxinA in a migraine cohort with multiple comorbidities and widespread pain. Reg Anesth Pain Med. 2019 Jun;44(6):660-668. PMID:31101743.

Carroll I, Fischbein N, **Barad M**, Mackey S. Human response to unintended intrathecal injection of botulinum toxin. Pain Med, Jul: 12(7) 2011, 1094-7. PMID: 21627762

Wang CK, Gowda A, **Barad M**, Mackey SC, Carroll IR. Serratus muscle stimulation effectively treats notalgia paresthetica caused by long thoracic nerve dysfunction: a case series. Journal of Brachial Plexus and Peripheral Nerve Injury. 2009, 4:17. PMID: 19772656

**Barad MJ**, Ueno T, Younger J, Chatterjee N, Mackey S. Complex Regional Pain Syndrome is associated with structural abnormalities in pain-related regions of the human brain. J Pain. 2013 Nov 7. S1526-5900(13) 2013. PMID: 24212070

***Non-Peer Reviewed Journal Articles (5 total):***

**Barad M.** La Femme Migraineur. PainWeek Journal. 7 (3) 2019. 58-65.

Teckchandani S, **Barad M**. [Treatment Strategies for the Opioid-Dependent Patient](https://www-ncbi-nlm-nih-gov.laneproxy.stanford.edu/pubmed/28932964). Curr Pain Headache Rep. 2017 Sep 20;21(11):45. doi: 10.1007/s11916-017-0644-6.

Cowan R, **Barad M**. Effect of Educating the Primary Care Physician About Headache to Help Reduce "Trivial" Referrals and Improve the Number and Quality of "Substantial" Referrals that Truly Need Subspecialty Headache Medicine Care. Current Treatment Options in Neurology. July: 19(7):25. 2017.

**Barad M**, Aurora S. Pregnancy and Headache. Headwise: Patient Resource from National Headache Foundation. 3(3) 2013. 13-17.

**Barad M**, Greicius M, Mackey S. Imaging the Correlates of Neuropathic Pain. Neurology: Continuum Lifelong Learning. October 2009:15 (5), 30-46.

***Book Chapters (1 total):***

Ekpo E**, Barad M.** Headache and Facial Pain – book chapter 26**.** RHINOLOGY: Diseases of

the nose, sinus and skull base, 2nd Edition. Editor Peter Hwang, due out 2020.

***Posters Presented at Meetings (5 total)***

Aggarwal A, Sturgeon D, **Barad M.** Complex Widespread Pain and Chronic Migraine. Presented at the American Headache Society Annual Meeting, June 2018. San Francisco, CA

Zheng P, Kao M, **Barad M**, Mackey S. The State of Triptan Prescription for the Management of Migraine in the US. American Headache Society Annual Meeting, 2015. Washington, DC

Hindiyeh N, Boykoff N, **Barad M**, Barch C, Cowan R, Aurora S. Comorbidities and Predictive Factors in NDPH. American Headache Society Annual Meeting, 2014. Los Angeles, CA

Eaton K, Aurora S, Kao M, Mackey S, **Barad M**. National Trends of Opioid Treatment for Adult and Pediatric Migraine Patients in the Emergency Department. American Headache Society Annual Meeting, 2014. Los Angeles, CA

**Barad M**, Brown J, Sherman E, Chaterjee N, Mackey S. Functional Connectivity in Patients with Chronic Neuropathic Pain. Invited Platform Presentation, American Academy of Neurology Annual Meeting, 2010. Toronto, Canada

***Invited Presentations (18 total)***

2020 Invited Faculty ASRA Fall Meeting 2020

2020 “The Headache Toolkit: Treating (and Teaching) Headache for Non-Neurologists,” AAPM annual conference, National Harbor Maryland

2020 “Headache Rapid-Fire: Headache Management Pearls for the Pain Provider” AAPM annual conference, National Harbor Maryland

2019 “La Femme Migraneur”- the role of estrogen in migraine – Pain Week, Las Vegas, NV, 9/3/19

2019 “Hanging by a Thread” – Facial Pain for Pain Practitioners – Pain Week, Las Vegas, NV, 9/3/19

2019 Invitation from National Academy of Medicine to represent AAPM during their Committee on Temporal Mandibular Disorders. 3/28/19

2019 “Headache for the Pain Practitioner.” Annual Conference, American Academy of Pain Management, Denver CO

2019 “Migraines and Hormones: A Deeper Dive.” Annual Conference, Headache Cooperative of the Pacific. Ojai, CA (Regional Headache Society, western US)

2017 “Controversies in Medication Overuse Headache.” Bay Area Headache and Migraine Association. Stanford, CA (Northern California Headache Group)

2017 “Headache and Facial Pain.” UCSF Pain Educational Exchange. San Francisco, CA

2016 “Orofacial Pain Update.” Stanford 7th Annual Breakthroughs in Neurologic Therapies, San Francisco, CA

2016 “Orofacial Pain Update.” Western States Rhinology Conference. Sonoma, CA

2015 “Migraine Update for Practitioners.” California Neurology Society – Annual meeting. Burlingame, CA

2015 “What are Central Sensitization Syndromes?” Yale School of Medicine, Neurology Grand Rounds. New Haven, CT

2014 “The Dos and Don’ts of Managing Migraine” Western States Regional Pain Conference. Stanford, CA

2014 Facial Pain and Headache. Western States Rhinology Conference. Sonoma, CA

2013 “The Neurologic Exam for the Pain Physician” Annual Meeting Workshop, American Society of Anesthesiology, San Francisco, CA

2013 “Behavioral Treatments for Migraine.” Northern California Association of Pain Psychologists (NCAPP). San Francisco, CA

2013 “Medication Overuse Headache and Opiate use in the United States.” Stanford Neurology Grand Rounds, Stanford CA