

PRIYANKA E. GHOSH

1330 First Avenue, Unit 1405 • New York, New York 10021
Phone: (949) 212-4930 • Email: Priyanka.e.ghosh@gmail.com

EDUCATION & WORK EXPERIENCE

- Interventional Pain Fellow**, Weill Cornell Tri-Institute Pain Fellowship **7/2019-7/2020**
New York Presbyterian, Memorial Sloan Cancer Center and Hospital for Special Surgery
- Resident Physician**, Department of Anesthesia, Critical Care and Pain Medicine **6/2016-7/2019**
Beth Israel Deaconess Medical Center, Harvard Medical School
- Transitional Intern**, Santa Clara Valley Medical Center, Stanford Programs **6/2015-6/2016**
- N.I.H Clinical & Translational Research Fellow**, University of California, San Francisco **7/2013-7/2014**
- M.D. , With Distinction**, University of California, San Francisco **9/2010-6/2015**
- BS & AB, With Honors**, *Neuroscience, Literary Arts*, Brown University **9/2006-5/2010**

RESEARCH EXPERIENCE

Hospital for Special Surgery,

Advisor(s): Dr. Seth Waldman, Dr. Semih Gungor, Dr. Vladimir Kramskiy

Projects:

- Incidence, Prevalance and Characterization of the Misdiagnosis and Mistreatment of Osteoid Osteoma
- Analysis of Utilization of Concurrent Dorsal Root Ganglion Stimulation and Dorsal Column Spinal Cord Stimulation in CRPS

Arnold-Warfield Pain Management Center, Beth Israel Deaconess Medical Center **3/2017-present**

Advisor: Dr. Thomas T. Simopoulos

Projects:

- A Retrospective Study of Spinal Cord Stimulator Explants at Beth Israel Deaconess Medical Center; Analysis of Concurrent Traditional and High Frequency Spinal Cord Stimulator Therapy. Published in Pain Medicine 19 March 2019.
- High Frequency SCS 10 kHz as Salvage Therapy for Unsuccessful Traditional SCS Trials and Implants. Oral and poster presentation at North American Neuromodulation Society Meeting. Manuscript under review.

UCSF Department of Anesthesiology

9/2013-Present

Advisor: Dr. Michael Gropper

Project: An EHR-based Quality Improvement Intervention to Encourage Intraoperative Lung Protection

- Designed a hospital-wide, quality improvement initiative utilizing automated alerts for anesthesia providers to encourage the use of low tidal volume ventilation for all surgical patients. Collaborated with various anesthesia faculty to garner feedback and buy-in, designed a protocol for alerts, drafted a formal quality improvement proposal, and formally presented our proposal at Anesthesia Grand Rounds; findings were positive for provider behavior change via our intervention.
- Research findings presented at ASA 2016, as an oral and poster presentation. Preparing manuscript.

UCSF Department of Radiation Oncology, NIH Funded Yearlong Research Fellow 6/2013-6/2014

Advisor: Sue S. Yom, MD, PhD

Project: A Phase II Study Monitoring Quality of Life and Correlative Biomarkers of Mucositis in Head and Neck Cancer Patients Undergoing Radiation Therapy Utilizing a Personalized Sterile Humidification Device

- Successfully designed and executed a clinical trial including full project design, IRB preparation, recruiting, consenting and enrolling patients; independently followed a panel of patients, obtained quality of life and biomarker data pertaining to device usage and analyzed data, presented at national conferences and published an original manuscript.

Project: Ten Years of Orthovoltage Therapy: A Highly Effective Modality for Early Stage Non-Melanomatous Skin Cancers in Surgically Challenging Areas of the Face

- Analyzed retrospective data and completed a manuscript describing the UCSF experience on the past 10 years of skin cancer treated with orthovoltage therapy. Manuscript submitted to American Journal of Clinical Dermatology, under review.

UCSF Department of Radiation Oncology, Dean's Student Research Fellowship 6/2011-8/2011

Advisor: Sue S. Yom, MD, PhD

Project: Prognostic Factors in Clinical Outcomes of Thymoma: Review of the UCSF Experience

- Built a retrospective database on thymomas, specifically focusing on patient and tumor specific factors and their relation to disease specific and overall clinical outcomes.

San Francisco General Family Health Center

10/2013-Present

Advisor: Dr. Pooja Mittal

Project: Pediatric Hypertension at the Family Health Center

- Conducted an extensive retrospective chart review on hypertension diagnosis and documentation in all pediatric patients at the FHC and noted that patients were consistently under diagnosed, then created a comprehensive educational tool for providers, patient educational materials, and updated clinic guidelines. Multiple poster and oral presentations.

UCI Interdisciplinary Center for the Scientific Study of Ethics

6/2007-7/2010

Advisor: Dr. Kristen Monroe, PhD

Projects: Gender Equity in Academia, Politics and an Innate Moral Sense

- Analyzed and organized data from prospective interviews with female academics, drafted the template for the second leg of the project focusing on male perspectives on gender equity in academia. Synthesized research on neurobiology and morality with publications.

Brown University

9/2006-5/2010

Advisor: Edward Hawrot, PhD; Elena Festa Martino; Joseph Friedman

- Undertook biochemical and pharmacological studies aimed at understanding the fundamental structure-function relationship of nicotinic acetylcholine receptors (nAChRs).
- Utilized electrophysiological (EEG) and behavioral measures to investigate the effects of aging on the ability to modulate automatic sensory and response selection processes.
- Conducted clinical chart review research on Parkinson's and co-morbid burden of psychiatric diseases.

LEADERSHIP AND SERVICE

World Academy of Pain Medicine Ultrasonography, Fellow Chair

11/2018-

American Society Of Interventional Pain Physicians , Resident and Fellow Section East Coast Representative	1/2019-
Women in Regional Anesthesia and Pain Medicine Committee , Trainee Liaison	1/2018-
American Society of Regional Anesthesia& Pain Medicine , Resident Committee Member	1/ 2017-
American Society of Regional Anesthesia& Pain , Newsletter Resident Committee Chair	5/2017-
Substance Abuse Prevention and Education Committee ,Sole Resident Representative	1/2017-
UCSF Committee on Curriculum and Educational Policy , Student Representative	9/2010-9/2013
UCSF Anesthesia Interest Group , Co-President	8/2011-5/2015
Narrative Medicine Elective , Course Creator. <i>Advisor: Dr. Louise Aronson</i>	9/2011-12/2011
Brown University College Curriculum Council , Class of 2010 Representative	9/2008-9/2010
UCSF 5th Street Dermatology Homeless Clinic , Student Coordinator/Volunteer	9/2010-7/2015
UCSF Chancellor's Award for the Advancement of Women , Selection Committee	9/2011-9/2012
San Francisco Medical Society , Student Chair and Liaison	9/2010-5/2015
Rhode Island Free Clinic , Clinical Assistant and Medical Recorder	9/2006-5/2010

LITERARY EXPERIENCE

San Francisco Medical Society Magazine , Contributing Writer	9/2010-5/2015
Brown University The Triple Helix , Writer and Associate Editor.	9/2007-5/2010
Brown University Science Writing Corps , Board of Editors and Contributing Writer	9/2008-5/2010
Brown, Awaaz: South Asian Journal of Literature and Arts , Writer and Editor	9/2007-9/2008

PROFESSIONAL SOCIETY MEMBERSHIP

American Society Of Anesthesiologists
 American Society Of Interventional Pain Physicians
 American Society of Regional Anesthesia& Pain Medicine
 North American Neuromodulation Society
 Massachusetts Society of Anesthesiologists
 Massachusetts Medical Society

PUBLICATIONS AND PRESENTATIONS

Publications

Ghosh PE, Simopolous TT. A Review of The Senza System: A Novel, High Frequency 10kHz (HF-10), Paresthesia Free Spinal Cord Stimulator. *Pain Manag.* 2019 Jan 30. doi: 10.2217/pmt-2018-0077

Sharma, S., Gill, J., Simopolous TT, **Ghosh P**. Explantation of Percutaneous Spinal Cord Stimulator Devices: A Retrospective Descriptive Analysis of a Single Center 15-year Experience. *Pain Med.* 2019 Mar 19. pii: pny245. doi: 10.1093/pm/pny245

Ghosh, P., et al. A feasibility and efficacy trial of a hand-held humidification device in patients undergoing radiotherapy for head and neck cancer. *Supportive Care in Cancer* (2017): 1-8.

Monroe KR, **Ghosh P**, Martin A. Politics and an Innate Moral Sense: Scientific Evidence for an Old Theory?. *Political Research Quarterly*. 2009 Sep; 62(3): 614-634.

Ghosh, P, Lam C, Cochran T, Allen B. Regional Anesthesia Articles of the Year, 2017. *ASRA Newsletter*. May 2018.

Ghosh, P., John, R., Ip, Y. The Electronic Era for Regional Anesthesia. Accepted for *ASRA Newsletter* November 2019.

Ghosh, P., Kohan, L, Graff, V. Kambin's Triangle Approach to Transforaminal Epidural Injections. Accepted for *ASRA Newsletter* November 2019.

Ghosh, P. An Interview with Christine Peeters-Asdourian. *Women in Regional Anesthesia and Pain Medicine SIG Newsletter*. December 2018

Ghosh, P. Interview with Dr. Gina Votta-Velis. *Women in Regional Anesthesia and Pain Medicine SIG Newsletter*. June 2019

Posters and Oral Presentations

Eastern Pain Association Fall Meeting. *Ghosh, P.*, Griffin, R., MRI for Subacute Nonradicular Low Back Pain. Accepted Oral presentation. October 2019.

North American Neuromodulation Society Annual Meeting. *Ghosh, P.*, Simopoulous,T. High Frequency SCS 10 kHz as Salvage Therapy for Unsuccessful Traditional SCS Trials and Implants. Oral and Poster Presentation. January 2019.

American Society of Anesthesiologists Annual Meeting. *Ghosh,P*, Simopoulous,T.,Sharma,S. A Retrospective Study of Spinal Cord Stimulator Explants. Oral and Poster Presentation. October 2018.

American Society of Anesthesiologists Annual Meeting. *Ghosh, P.*, Aner, M. Spinal Cord Stimulator Placement And Von Willebrand Disease (VWD). Poster Presentaiton. October 2018.

American Society of Regional Anesthesia and Pain Medicine Fall Meeting. *Ghosh,P*, Simopoulous,T.,Sharma,S. A Retrospective Study of Spinal Cord Stimulator Explants at Beth Israel Deaconess Medical Center. Oral and Poster Presentation. November 2017.

New England Anesthesia Resident Conference 2018. *Ghosh,P.*,Robinowitz,D.,Gropper,M. A Retrospective Study of Spinal Cord Stimulator Explants at Beth Israel Deaconess Medical Center. Poster Presentation. March 2018.

American Society of Anesthesiologists Annual Meeting. *Ghosh,P.*,Robinowitz,D.,Gropper,M. An EHR-based Quality Improvement Intervention to Encourage Intraoperative Lung Protection. Oral and Poster Presentation. October 2016.

New England Anesthesia Resident Conference 2017. *Ghosh,P.*,Robinowitz,D.,Gropper,M. An EHR-based Quality Improvement Intervention to Encourage Intraoperative Lung Protection. Oral and Poster Presentation. March 2017.

National Translational Science Meeting. *Ghosh,P., Yom,S.* (2014). Quality of Life and Correlative Biomarkers of Mucositis in Head and Neck Cancer Patients Undergoing Radiation Therapy Utilizing a Personalized Sterile Humidification Device. Oral and Poster Presentation. April 2014.

UCSF Anesthesia Research Day. *Ghosh,P.,Robinowitz,D.,Gropper,M.* Lung Protective Ventilation in Moffitt-Long and Mount Zion Operating Rooms. Poster presentation. August 2014.

UCSF 2013 Health Disparities Research Symposium. *Ghosh,P., Mittal,P.* Pediatric Hypertension at the Family Health Center. Poster presentation. November 2013.

The Rodnick Colloquium Innovations in Family and Community Medicine. *Ghosh,P.,Mittal,P.* Pediatric Hypertension at the Family Health Center: Retrospective Review and Prospective Changes. San Francisco, CA. Oral and Poster Presentation. September 2013.