

CURRICULUM VITAE
The Johns Hopkins University School of Medicine

Current Appointments *(in chronological order, earliest first by start date under each subcategory)*

2020-Present Assistant Professor, Adj, Dept of Anesthesiology, Johns Hopkins School of Medicine, MD
2020-Present Scientific Advisor, Department of Defense, Congressionally Directed Medical Research Programs

Education and Training

Undergraduate

1992-1994 Pre-Medical, College of New Jersey, Ewing Township NJ
1994-1997 Bachelor of Science in Pharmacy, Rutgers University, New Brunswick NJ

Doctoral/Graduate

1994-1999 Doctor of Pharmacy, (PharmD) Rutgers University, New Brunswick NJ
1999-2003 Doctor of Osteopathic Medicine, (DO) University of Medicine & Dentistry of New Jersey
2017-2018 Master of Public Policy, (MPP) Princeton University Woodrow Wilson School, Princeton NJ
2020 General Management Program, (GMP) Harvard Business School, Boston, MA

Postdoctoral

2004-2007 Anesthesiology Residency, Georgetown University, Dept. of Anesthesiology Washington DC
2006-2007 Internship, Crozer-Keystone Health System, Philadelphia PA
2006-2007 Clinical Scientist, NHLBI, Molecular Immunology & Toxicology, National Institute of Health, MD
2007-2008 Pain Fellowship, Johns Hopkins University, Department of Anesthesiology, Baltimore MD
2010-2011 Pain Advocacy and Medical Communications Fellowship, Mayday Foundation, Washington DC
2010-2011 Total Leadership Program, University of Pennsylvania, Wharton School, Philadelphia PA
2014 Professional Education, American Association of Medical Colleges, TX
2015 Professional Education, Drug Development Technology, Biomedical Engineering, MIT, Boston MA
2017-2018 Graduate Associate, Finance & Public Policy, Princeton University, Princeton NJ
2017-2018 Liechtenstein Institute Fellow, Women's Studies Princeton University, Princeton NJ

Professional Experience *(in chronological order, earliest first)*

Date	Position, Institution/City
2008-2011	Assistant Professor, University of Pennsylvania School of Medicine, Anesthesiology, Philadelphia, PA
2011-2017	Medical Director, Pain Medicine, Regional Anesthesiology, Drexel University College of Medicine, PA
2012-2017	Fellowship Director, Regional Anesthesiology, Drexel University College of Medicine, PA
2012-2017	Vice Chair, Associate Professor of Anesthesiology, Pain Medicine Drexel University College of Medicine, Hahnemann University Hospital, Philadelphia PA
2018-2019	Visiting Scholar, Georgetown University, Center for Clinical Bioethics, Washington, D.C
2017-2020	Project Leader, Princeton University, Keller Center of Innovation, Princeton, NJ
2017-2020	Senior Vice President, Medical Strategy & Government Affairs, Heron Therapeutics, CA
2019-Present	Professor, Rowan University School of Osteopathic Medicine, NJ
2020-Present	Assistant Professor, Adj, Dept of Anesthesiology, Johns Hopkins School of Medicine, Baltimore, M
2020-Present	Scientific Advisor, Department of Defense, Congressionally Directed Medical Research Programs

PUBLICATIONS:

Original Research [OR]

1. Cohen SP, Doshi TL, Dawson TC, *Gupta A, Durbhakula S, Constantinescu OC, Jacobs MB, Verdun JV, Salisu-Orhurhu M, Griffith SR, Kurihara C. [SI/QI]. [Prognostic value of hypersensitivity reactions on epidural steroid injection outcomes: a phenotypic signature?](#) A prospective cohort study. Reg Anesth Pain Med. 2019 May;44(5):586-594. doi: 10.1136/rapm-2018-100276. Epub 2019 Apr 8.
2. Davis T, Loudermilk E, DePalma M, Hunter C, Lindley DA, Patel N, Choi D, Soloman M, *Gupta A, Desai M, Cook E, Kapural L. [SI/QI]. [Twelve-month analgesia and rescue, by cooled radiofrequency ablation treatment of osteoarthritic knee pain: results from a prospective, multicenter, randomized, cross-over trial.](#) Reg Anesth Pain Med. 2019 Feb 16. pii: rapm-2018-100051. doi: 10.1136/rapm-2018-100051
3. [Dabigatran in patients with myocardial injury after non-cardiac surgery \(MANAGE\): an international, randomised, placebo-controlled trial.](#) Devereaux PJ, Duceppe E, Guyatt G, Tandon V, Rodseth R, Biccard BM, Xavier D, Szczeklik W,

- Meyhoff CS, Vincent J, Franzosi MG, Srinathan SK, Erb J, Magloire P, Neary J, Rao M, Rahate PV, Chaudhry NK, Mayosi B, de Nadal M, Iglesias PP, Berwanger O, Villar JC, Botto F, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Sharma M, Connolly SJ, Bangdiwala SI, Rao-Melacini P, Hoefft A, Yusuf S; **MANAGE Investigators (*Gupta A.)** Lancet. 2018 Jun 9;391(10137):2325-2334. doi: 10.1016/S0140-6736(18)30832-8. Erratum in: Lancet. 2018 Jul 7;392(10141):30. PMID:29900874
4. Davis T, Loudermilk E, DePalma M, Hunter C, Lindley D, Patel N, Choi D, Soloman M, ***Gupta A**, Desai M, Buvanendran A, Kapural L. [Prospective, Multicenter, Randomized, Crossover Clinical Trial Comparing the Safety and Effectiveness of Cooled Radiofrequency Ablation With Corticosteroid Injection in the Management of Knee Pain From Osteoarthritis](#). Reg Anesth Pain Med. 2018 Jan;43(1):84-91. doi: 10.1097/AAP.0000000000000690. PMID: 29095245
 5. ***Gupta A**, Scott K, Dukewich M. [SI/QI]. [Innovative Technology Using Virtual Reality in the Treatment of Pain: Does It Reduce Pain via Distraction, or Is There More to It?](#) Pain Med. 2018 Jan 1;19(1):151-159. doi: 10.1093/pm/pnx109. Review. PMID: 29025113
 6. ***Gupta A**, Coyne KS, Datto C, Venuti C. [SI/QI]. [The Burden of Opioid-Induced Constipation in Younger Patients with Chronic Noncancer Pain](#). Pain Med. 2018 Dec 1;19(12):2459-2468. doi: 10.1093/pm/pny002. PMID: 29420795
 7. ***Gupta A**, Huettner DP, Dukewich M. [Comparative Effectiveness Review of Cooled Versus Pulsed Radiofrequency Ablation for the Treatment of Knee Osteoarthritis: A Systematic Review](#). [SI/QI]. Pain Physician. 2017 Mar;20(3):155-171. Review. PMID: 28339430
 8. Dukewich M, Danesh A, Onyima C, ***Gupta A**. [SI/QI]. [Intractable Acute Pain Related to Fluoroquinolone-Induced Peripheral Neuropathy](#). J Pain Palliat Care Pharmacother. 2017 Jun;31(2):144-147. doi: 10.1080/15360288.2017.1301619. Epub 2017 Mar 30. PMID: 28358229
 9. ***Gupta A**, Abubaker H, Demas E, Ahrendtsen L. [A Randomized Trial Comparing the Safety and Efficacy of Intravenous Ibuprofen versus Ibuprofen and Acetaminophen in Knee or Hip Arthroplasty](#). [SI/QI]. Pain Physician. 2016 Jul;19(6):349-56. PMID: 27454264
 10. ***Gupta A**, Zheng L, Ramanujam V, Gallagher J. Novel Use of Pharmacogenetic Testing in the Identification of CYP2C9 Polymorphisms Related to NSAID-Induced Gastropathy. Pain Med. 2015 May;16(5):866-9. PMID: 25585969
 11. Cohen SP, Peterlin BL, Fulton L, Neely ET, Kurihara C, **Gupta A**, Mali J, Fu DC, Jacobs MB, Plunkett AR, Verdun AJ, Stojanovic MP, Hanling S, Constantinescu O, White RL, McLean BC, Pasquina PF, 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;156(12):2585-2594. PMID: 26447705
 12. ***Gupta A**. Targeted Novel Pharmacotherapy to Improve Outcomes in Opioid-Induced Constipation. The Journal of Family Practice. J Fam Pract. 2015 Nov;64 (11 Suppl 2). PMID: 26697546
 13. ***Gupta A**. Improving the Recognition and Diagnosis of Opioid-Induced Constipation in Clinical Practice. J Fam Pract. 2015 Oct;64(10 Suppl 1). PMID: 26561554
 14. ***Gupta A**, Kulkarni A, [Ramanujam V](#), [Zheng L](#), [Treacy E](#). [SI/QI]. Improvement in chronic low back pain in an obese patient with topiramate use. J Pain Palliat Care Pharmacother. 2015 Jun;29(2):140-3. PMID: 26095484
 15. ***Chen C**, Bujanover S, **Gupta A**. Effect of dosing interval on pharmacokinetics of fentanyl pectin nasal spray from a crossover study. J Opioid Manag. 2015 Mar-Apr;11(2):139-46. PMID: 25901479
 16. ***Chen C**, **Gupta A**. Clinical and pharmacokinetic considerations of novel formulations of fentanyl for breakthrough cancer pain. Pain Manag. 2014;4(5):339-50. PMID: 25350074
 17. ***Gupta A**, [Lee LK](#), [Mojica JJ](#), [Nairizi A](#), [George SJ](#). [SI/QI]. Patient perception of pain care in the United States: a 5-year comparative analysis of hospital consumer assessment of health care providers and systems. Pain Physician. 2014 Sep-Oct;17(5):369-77. PMID: 25247895
 18. ***Gupta A**, Li S. Safety and efficacy of once-daily gastroretentive gabapentin in patients with postherpetic neuralgia aged 75 years and over. Drugs Aging. 2013 Dec;30(12):999-1008. PMID: 24163280
 19. Cohen SP, Mao J, Vu TN, Strassels SA, **Gupta A**, Erdek MA, Christo PJ, Kurihara C, Griffith SR, Buckenmaier CC 3rd, Chen L. Does pain score in response to a standardized subcutaneous local anesthetic injection predict epidural steroid injection outcomes in patients with lumbosacral radiculopathy? A prospective correlational study. Pain Med. 2013 Mar;14(3):327-35. doi: 10.1111/pme.12027. Epub 2013 Jan 7. PMID: 23294538
 20. ***Cohen SP**, **Gupta A**, Strassels SA, Christo PJ, Erdek MA, Griffith SR, Kurihara C, Buckenmaier CC 3rd, Cornblath D, Vu TN. Effect of MRI on treatment results or decision making in patients with lumbosacral radiculopathy referred for epidural steroid injections: a multicenter, randomized controlled trial. Arch Intern Med. 2012 Jan 23;172(2):134-42. Epub 2011 Dec 12. PMID:22157067
 21. ***Cohen SP**, Liao W, **Gupta A**, Plunkett A. [SI/QI]. Ketamine in pain management. Adv Psychosom Med. 2011;30:139-61. Epub 2011 Apr 19. PMID:21508630
 22. ***Thaler A**, **Gupta A**, Cohen SP. [SI/QI]. Cannabinoids for pain management. Adv Psychosom Med. 2011;30:125-38. Epub 2011 Apr 19. PMID:21508629
 23. ***Gupta A**, [Patton C](#), Diskina D, Cheattle M. [SI/QI]. Retrospective clinical evaluation of physician opioid prescribing practices in patients with aberrant behaviors. Pain Physician. 2011 Jul-Aug;14(4):383. PMID:21785482

24. **Gupta A, Duckles B, Giordano J.** [SI/QI]. Use of sublingual methadone for treating pain of chemotherapy-induced oral mucositis. *J Opioid Manag.* 2010 Jan-Feb;6(1):67-9. PMID:20297617
25. ***Gupta A, Daigle S, Mojica J, Hurley RW.** [SI/QI]. Patient perception of pain care in hospitals in the United States. *J Pain Res.* 2009 Nov 13;2:157-64. PMID:21197302

Review Articles [RA]

1. ***Gupta A, Bah M.** [NSAIDs in the Treatment of Postoperative Pain.](#) [SI/QI]. *Curr Pain Headache Rep.* 2016 Nov;20(11):62. Review. PMID: 27841015
2. ***Gupta A.** [SI/QI]. The importance of good communication in treating patients' pain. *JAMA Journal of Ethics.* 2015 Mar 1;17(3):265-7. PMID: 25813595
3. **Gupta A, Sconza.** [SI/QI]. Perioperative Pain Optimal Pain Control During Cesarean Surgery. *Pain Medicine News.* May 2015.
4. **Gupta A, Rosenquist R.** Opioid Analgesics in the Treatment of Chronic Pain. UpToDate. 2016
5. ***Christiansen S, Gupta A.** [SI/QI]. Can mobile technology improve treatment of chronic pain? *Pain Med.* 2014 Aug;15(8):1434-5. doi: 10.1111/pme.12479. Epub 2014 Jul 8. PMID: 2504076
6. ***Gupta A, Weber N, Duwell M.** [SI/QI]. Implementing a public health approach to the management of chronic pain in the USA. *Pain Manag.* 2013 Jul;3(4):315-9. PMID: 24654817
7. ***Bicket MC, Gupta A, Brown C.** [SI/QI]. Epidural injections for spinal pain: a systematic review and meta-analysis evaluating the "control" injections in randomized controlled trials. 4th, Cohen SP. *Anesthesiology.* 2013 Oct;119(4):907-31. PMID: 24195874
8. ***Ramasubbu C, Gupta A.** [SI/QI]. Pharmacological treatment of opioid-induced hyperalgesia: a review of the evidence. *J Pain Palliat Care Pharmacother.* 2011;25(3):219-30. Epub 2011 Aug 11. Review. PMID: 21834699
9. ***Gupta A, Oshinsky C, Hewitt E.** Biomarkers and Immunomodulation as a treatment option for chronic pain conditions. *Pain Management.* January 2011. Vol 1:1.
10. ***Gupta A, Ashburn M, Ballantyne J.** [SI/QI]. Quality assurance and assessment in pain management. *Anesthesiol Clin.* 2011 Mar;29(1):123-33. Epub 2010 Dec 16. PMID:21295757
11. ***Gupta A, Mehdi A, Duwell M, Sinha A.** [SI/QI]. Evidence-based review of the pharmacoeconomics related to the management of chronic nonmalignant pain. *J Pain Palliat Care Pharmacother.* 2010 Jun;24(2):152-6. PMID:20504139
12. ***Gupta A.** [SI/QI]. Internet resources on managing chronic nonmalignant pain with opioids: the risks of addiction.. *J Pain Palliat Care Pharmacother.* 2010 Mar;24(1):71-5. PMID:20345206
13. **Gupta A.** Review of Sacroiliac Denervation. *Pain Medicine News.* November 2010.
14. **Gupta A, Christo PJ.** Opinion in Opioid Abuse and Addiction. *Journal of Clinical Nurse Practitioners.* February 2009.
15. ***Gupta A, Giordano J.** Pain care in Severely Neural Compromised Patients (SNCPs). *Practical Pain Management.* November 2009.
16. ***Gupta A, Giordano J.** On the nature, assessment, and treatment of fetal pain: neurobiological bases, pragmatic issues, and ethical concerns. *Pain Physician.* 2007 Jul;10(4):525-32. Review. PMID:17660850

Case Reports [CR]

1. ***Gupta A, First L, Swain CA.** [Successful Improvement of Pain Symptomatology in a Suspected Case of Cramp-Fasciculation Syndrome via Interventional Pain Treatment.](#) [SI/QI]. *J Pain Palliat Care Pharmacother.* 2018 Mar;32(1):5-9. doi: 10.1080/15360288.2018.1463343. Epub 2018 May 18. PMID: 29775120
2. ***Gupta A, Portonova B, Dadachanji C.** Successful treatment of post thrombotic syndrome with sequential lumbar sympathetic block. *Pain Physician.* 2015 Jan-Feb;18(1):E65-9. PMID: 25675072
3. **Gupta A, Martindale T, Christo PJ.** Intrathecal catheter granuloma associated with continuous sufentanil infusion. *Pain Med.* 2010 Jun;11(6):847-52. Epub 2010 Apr 29. PMID:20456073
4. ***Forsythe A, Gupta A, Cohen SP.** Retained intrathecal catheter fragment after spinal drain insertion. *Reg Anesth Pain Med.* 2009 Jul-Aug;34(4):375-8. Review. PMID:19585702

Book Chapters, Monographs [BC]

- 2012 Bhatia G, **Gupta A.** Cervical Inter-Laminar Epidural Injections. In: *Interventional Pain Medicine.* Oxford University Press. New York, NY.
- 2012 Popescu A, **Gupta A.** Lumbar Transforaminal Epidural Injections. In: *Oxford University Press.* New York, NY.
- 2012 Ramasubbu C, **Gupta A.** Lumbar Radiofrequency Ablation. In: *Oxford University Press.* New York
- 2012 **Gupta A, Cohen SP.** Sacroiliac joint dysfunction: Efficacy and Safety of Lateral Sensory Branch Neurotomy An evidence and knowledge-based review of the efficacy and safety of sacroiliac joint neurotomy including a review of radiofrequency ablation, cooled radiofrequency ablation technologies. DePalma (Editor). *Interventional Pain Medicine.*
- 2012 Skeletal Muscle Relaxants. Ramasubbu C, **Gupta A.** In: **Gupta A** and Singh-Radcliff, Nina. Editors. *Pharmacology in Anesthesia Practice.* Oxford University Press. New York, NY.
- 2012 Acetaminophen. Ramasubbu C and **Gupta A.** In: **Gupta A** and Singh-Radcliff, Nina. Editors. *Pharmacology in Anesthesia Practice.* Oxford University Press. New York, NY.

- 2012 Anticholinesterases. Tang D. and **Gupta A.** In: **Gupta A** and Singh-Radcliff, Nina. Editors. Pharmacology in Anesthesia Practice. Oxford University Press. New York, NY.
- 2012 Anticholinergics. **Gupta A,** Mehdi A.. In: **Gupta A** and Singh-Radcliff, Nina. Editors. Pharmacology in Anesthesia Practice. Oxford University Press. New York, NY.
- 2012 Beta Blockers. **Gupta A,** and Mehdi A. In: **Gupta A** and Singh-Radcliff, Nina. Editors. Pharmacology in Anesthesia Practice. Oxford University Press. New York, NY.
- 2012 Steroids. Witkin L, **Gupta A.** In: **Gupta A** and Singh-Radcliff, Nina. Editors. Pharmacology in Anesthesia Practice. Oxford University Press. New York, NY.
- 2012 Antihistamines. Patel M, and **Gupta A.** In: **Gupta A** and Singh-Radcliff, Nina. Editors. Pharmacology in Anesthesia Practice. Oxford University Press. New York, NY.
- 2012 Opioid Antagonists and Narcotic Reversal. Bhatia G, and **Gupta A.** In: **Gupta A** and Singh-Radcliff, Nina. Editors. Pharmacology in Anesthesia Practice. Oxford University Press. New York, NY.
- 2012 Bronchodilators. **Gupta A,** and Mehdi A. In: **Gupta A** and Singh-Radcliff, Nina. Editors. Pharmacology in Anesthesia Practice. Oxford University Press. New York, NY.
- 2012 Thyroid Medications. Patel M, **Gupta A.** In: **Gupta A** and Singh-Radcliff, Nina. Editors. Pharmacology in Anesthesia Practice. Oxford University Press. New York, NY.

Books, Textbooks [BK]

- 2012 **Gupta A.** Editor. Interventional Pain Medicine. Oxford University Press. New York, NY. 2012.
- 2012 **Gupta A.** Editor. Pharmacology in Anesthesia Practice. Oxford University Press. New York, NY. 2012.
- 2012 **Gupta A.** Consulting Editor. In: Singh-Radcliff, Nina. Five Minute Clinical Consult Anesthesiology. Lippincott. Philadelphia. PA.
- 2018 **Gupta A.** Editor. 50 Studies Every Anesthesiologist Should Know. Oxford University Press. New York, NY. 2018.

Other Publications: Suggested Additional Subcategory Titles:

Other Media [OM] (Videos, Websites, Blogs, Social Media, etc.)

1. [Hahnemann closure and the opioid crisis: what happens to the patients?](#) Philadelphia Inquirer (August 5, 2019)
2. [Women's Pain Different Than Men](#) Fierce Healthcare (August 12, 2019)
3. [Questions to Ask Before and After Surgery.](#) HealthyWomen (August 19, 2019)
4. [Who's at Risk for Fibromyalgia? A Pain Doctor Explains](#) HealthiNation (July 11, 2018)
5. [What is Fibromyalgia? A Pain Doctor Explains](#) HealthiNation (July 11, 2018)
6. [The 4 Key Signs Your Pain Could Actually Be Fibromyalgia](#) HealthiNation (July 11, 2018)
7. [Virtual reality is being used by hospitals to help people cope with pain](#) Washington Post (June 9, 2018)
8. [CNN's Headline New on New Hampshire State Opioid Health Policy](#) CNN's Headline News (March 25, 2018)
9. [U.S. Senate candidate Mike Gibbons' addiction center uses controversial methods](#) The Cleveland New (April 28, 2018)
10. [FDA chief warns about kratom to treat opioid addiction; will seek more regulatory power](#) USA Today (November 14, 2017)
11. [Doctor Gupta Discussing Pain Proofing Your Life on Doctor Oz](#) Doctor Oz (October 3, 2017)
12. [Prince, Fentanyl And The Opioid Epidemic](#) Forbes (June 3, 2016)
13. [A deadlier drug: Doctors suspect W-18 is spiking overdoses](#) Philadelphia Inquirer (May 24, 2016)
14. [How High Is The FDA Guidance Bar On Abuse Deterrence Labeling?](#) Seeking Alpha (May 9, 2016)
15. [Assessing Patient Understanding of NSAIDs](#) Physician's Weekly (May 6, 2016)
16. [Novel Opioid Not Abuse-Deterrent, FDA Panel Says](#) MedPage Today (May 6, 2016)
17. [Awaiting Prince Autopsy, Experts Say Flu and Opioids Can Be Deadly Combination](#) Fox News Online (April 22, 2016)
18. [Understanding Pain and Treatment Options](#) Examiner.com (April 19, 2016)
19. Considering Non-Opioid Treatments for Pain *Storify.com* (April 19, 2016)
20. [8 in 10 Americans have experienced different types of pain but many feel it is not completely controlled](#) *Storify.com* (April 17, 2016)
21. [NSAIDs Survey Offers Some Surprising Answers from Pain Patients](#) *Fibromyalgia News Today* (April 12, 2016)
22. [Survey: Patients with pain cannot identify NSAIDs, do not discuss pain with their physicians](#) *Healio* (April 11, 2016)
23. [Dr. Anita Gupta on Global Cost of Addiction](#) *CCTV America* (March 29, 2016)
24. [Q+A: Pumping the Brakes on Painkillers](#) *Drexel News Blog* (March 17, 2016)
25. [Wolf: Med students should study opioid addiction](#) *Philadelphia Inquirer* (February 23, 2016)
26. Opiate Addiction *Knowledge@Wharton* (October 1, 2015)

27. [Sedative Drug Quaaludes](#) *CNN Newsroom with Brooke Baldwin* (July 8, 2015)
28. [Pain and Traumatic Injuries: Amtrak Crash in Philadelphia](#) *CNN Live Tonight* (May 14, 2015)
29. [Pain and Surgical Complication](#) *CNN Live Tonight* (March 26, 2015)
30. [For Pain, It Matters Which Doctor You See](#) *Everyday Health* (March 10, 2015)
31. [Women's Pain Is Treatable, But Often Ignored](#) *Epoch Times* (January 19, 2015)
32. [For the Elderly, Compliance is Key for Postherpetic Neuralgia Management](#) *Monthly Prescribing Reference* (October 9, 2014)
33. [The Importance and Benefits of Pharmacogenomic Testing](#) *Fox News* (October 8, 2013)
34. [Questioning Epidural Steroid Shots for Back Pain](#) *The New York Times* (September 19, 2013)
35. [New Approach to Treating Chronic Pain](#) *NBC News* (August 10, 2013)
36. [Could Genetic Testing Help Doctors Treat Pain More Effectively](#) *FoxNews.com* (August 6, 2013)
37. [A New Approach to Treating Chronic Pain](#) *NBC News* (May 2, 2013)
38. Move away from opioid treatments can be costly for patients In: SmartBrief <http://www.smartbrief.com/s/2016/06/move-away-opioid-treatments-can-be-costly-patients> June 15, 2016.
39. Opioid Addiction Twitter Chat with Dr. David Besser. #abcdrbchat June 14, 2016
40. Who's Who in Healthcare in Philadelphia Making a Difference 2016 List. Featured on cover. June 2016. Philadelphia Business Magazine. <http://digital.southjersey.com/index.cfm?fa=viewIssue&magid=17&issuedid=1604&startpage=13> June 2016.
41. ASRA RAPP Podcast: The Opioid Epidemic. <http://www.hipcast.com/podcast/HgdfRWHQ> June 28, 2016.
42. Zika Virus, Public Health Crisis and the Olympics. <https://www.youtube.com/watch?v=2zp7o9RK2i0> June 29, 2016.
43. Patients and providers find few alternatives to opioids for managing pain In: American Pharmacist Association. <http://www.pharmacist.com/patients-and-providers-find-few-alternatives-opioids-managing-pain> June 13, 2016.
44. As views change on opioids, patients and providers find few other options for managing pain. In: Modern Healthcare <http://www.modernhealthcare.com/article/20160611/MAGAZINE/306119965> June 11, 2016
45. Important Points to Remember About Opioid Overdoses In: Maine News <https://mainenewsonline.com/content/29062-important-points-remember-about-opioid-overdoses> June 7, 2016.
46. What Everyone Needs to Know About Opioid Overdoses. In: US News and World Report. <http://health.usnews.com/health-news/patient-advice/articles/2016-06-06/what-everyone-needs-to-know-about-opioid-overdoses> June 6, 2016.
47. Prince Died From Potent Prescription Painkiller: Autopsy In: Health Day <https://consumer.healthday.com/general-health-information-16/prescription-drug-news-551/reports-prince-died-from-prescription-painkillers-711038.html>
48. Prince, Fentanyl And The Opioid Epidemic. In: Forbes <http://www.forbes.com/sites/cjarlotta/2016/06/03/prince-fentanyl-and-the-opioid-epidemic/#5af767474006> June 3, 2016
49. Prince Died From Potent Prescription Painkiller: Autopsy In: Tucson Daily http://tucson.com/lifestyles/health-med-fit/prince-died-from-potent-prescription-painkiller-autopsy/article_308c037f-6180-5900-b4b5-dfa83fb95d71.html June 2, 2016.
50. Additives in overdoses and the prescription opioid epidemic. In: Doctor Radio SiriusXM May 26, 2016.
51. Hahnemann university hospital's new effort against opioid addiction. In: ABC News Philadelphia. WPVI-6. <http://6abc.com/health/hahnemann-hospitals-new-effort-against-opioid-addiction/1346502/> May 19, 2016.
52. Synthetic Opioid Circulating in Philadelphia May Be Too Strong For Naloxone In: EMS World <http://www.emsworld.com/news/12211800/synthetic-opioid-circulating-in-philadelphia-may-be-too-strong-for-naloxone> May 24, 2016
53. Additive may be spiked in overdoses. In: Philadelphia Inquirer, http://www.philly.com/philly/health/20160524_A_deadlier_drug_Doctors_suspect_W-18_is_spiking_overdoses.html?mobi=true May 24, 2016
54. Assessing Patient Understanding of NSAIDs. In: Physicians Weekly. <http://www.physiciansweekly.com/assessing-patient-understanding-of-nsaids/> May 6, 2016.
55. Survey: Patients with pain cannot identify NSAIDs, do not discuss pain with their physicians. In: Healio. <http://www.healio.com/rheumatology/pain-management/news/online/%7Bfd4486ec-9b42-40a5-81e6-427a617547a6%7D/survey-patients-with-pain-cannot-identify-nsaids-do-not-discuss-pain-with-their-physicians> April 11, 2016.
56. How High Is The FDA Guidance Bar On Abuse Deterrence Labeling? In: Seeking Alpha. May 9, 2016. <http://seekingalpha.com/article/3973099-kempharm-high-fda-guidance-bar-abuse-deterrence-labeling>
57. Assessing Patient Understanding of NSAIDs. In: Physicians Weekly. May 6, 2016. <http://www.physiciansweekly.com/assessing-patient-understanding-of-nsaids/>
58. Novel Opioid Not Abuse-Deterrent, FDA Panel Says. In: MedPageToday. May 6, 2016. <http://www.medpagetoday.com/painmanagement/painmanagement/57757>
59. NSAIDs Survey Offers Some Surprising Answers from Pain. Patents. Fibromyalgia News Today. April 12, 2016. <http://fibromyalgianewstoday.com/2016/04/12/survey-patients-with-pain-cannot-identify-nsaids-do-not-discuss-pain-with-their-physicians/>

60. Awaiting Prince Autopsy, Experts Say Flu and Opioids Can Be Deadly Combination. In: Fox News Online. <http://www.foxnews.com/health/2016/04/22/awaiting-prince-s-autopsy-results-experts-say-flu-opioid-use-can-be-deadly-combination.html>, April 22, 2016.
61. 8 in 10 Americans have experienced different types of pain but many feel it is not completely controlled. In: Storify <https://storify.com/debnicholson/8-in-10-americans-have-experienced-different-types> April 17, 2016.
62. Understanding Pain and Treatment Options. April 19, 2016. In: Examiner.com <http://www.examiner.com/article/exclusive-interview-with-dr-anita-gupta>
63. Considering Non-Opioid Treatments for Pain. April 19, 2016. In: Storify.com <https://storify.com/debnicholson/8-in-10-americans-have-experienced-different-types/elements/35c47217ffb5c5d2e29dcae7>
64. Q+A: Pumping the Brakes on Painkillers. In: Drexel News Blog. March 17, 2016.
65. New Policy Recommendations by POTUS on Opioid Epidemic at Rx Summit in Atlanta. In: CCTV. March 29, 2016.
66. Governor of PA, Wolf: Med students should study opioid addiction. In: Philadelphia Inquirer. February 23, 2016.
67. Seven reasons why your medications are not working properly. In: OUP Blog. February 6, 2016. <http://blog.oup.com/2016/02/why-your-medications-not-working/#sthash.dIKU2FIs.dpuf>
68. Discussing the CDC Guidelines on Opioid Use. In: Wharton Business Radio, Sirius. February 2, 2016.
69. Pharmacogenetics and Personalized Medicine. In: Paul Christo, MD. <http://www.paulchristomd.com/pharmacogenetics-personalized-medicine/> February 1, 2016.
70. How physicians can curb the prescription opioid epidemic. In: Kevin MD Blog. December 31, 2015. <http://www.kevinmd.com/blog/2015/12/physicians-can-curb-prescription-opioid-epidemic.html#comments>
71. FDA Approves Narcan Nasal Spray. In: JEMS. November 19, 2015. <http://www.jems.com/articles/2015/11/fda-approves-narcan-nasal-spray.html>
72. FDA Gives 'Tentative' Approval to Abuse-Deterrent Xtampza ER. In: Medscape. November 9, 2015. <http://www.medscape.com/viewarticle/854181>
73. Super Bowl Champ Warns of Dangers of Opioid Pain Killers. In: Parade. November 11, 2015. <http://parade.com/434160/michaelosacky/super-bowl-champ-warns-of-dangers-of-opioid-pain-killers/>
74. Does Anyone Understand the Opioid Problem, or Even Know One Important Solution? In: National Pain Report. November 5, 2015. nationalpainreport.com/does-anyone-understand-the-opioid-problem-or-even-know-one-important-solution-8828049.html
75. Opioid overdose antidote sparks discussion. In: McKnight. November 5, 2015. <http://www.mcknights.com/guest-columns/opioid-overdose-antidote-sparks-discussion/article/449177/>
76. Ex-NFL star Mike Alstott speaks out about risk of painkiller abuse. In: CBS News. November 2, 2015. <http://www.cbsnews.com/news/ex-nfl-star-mike-alstott-speaks-out-about-risk-of-painkiller-abuse/>
77. Ex-NFL Star Helps Spread the Word on Risks Posed by Painkillers. In: HealthDay <https://consumer.healthday.com/general-health-information-16/prescription-drug-news-551/ex-nfl-star-spreads-the-word-on-painkillers-dark-side-704489.html> October 30, 2015.
78. Ex-NFL Star Helps Spread the Word on Risks Posed by Painkillers. In: Philadelphia Inquirer. October 20, 2015. http://www.philly.com/philly/health/sportsmedicine/HealthDay704489_20151030_Ex-NFL_Star_Helps_Spread_the_Word_on_Risks_Posed_by_Painkillers.html
79. Read more at http://www.philly.com/philly/health/sportsmedicine/HealthDay704489_20151030_Ex-NFL_Star_Helps_Spread_the_Word_on_Risks_Posed_by_Painkillers.html#XFWGHGfOmo4fuAE.99
80. FDA Panel Recommends Against First IR Antiabuse Oxycodone. In: Medscape. September 11, 2015. <http://www.medscape.com/viewarticle/850880>
81. Hackers had their day at BIO 2015 conference. In: Philadelphia Inquirer. June 20, 2015. http://articles.philly.com/2015-06-20/business/63621565_1_former-patients-hackathon-care
82. Post Surgical Complications and Pain. In: CNN. March 25, 2015.
83. Ex-NFL Star Warns About Risks Posed by Painkillers. In: HealthDayNews and WebMD. October 30, 2015. <http://www.webmd.com/pain-management/news/20151030/ex-nfl-star-helps-spread-the-word-on-risks-posed-by-painkillers>
84. The Secret Scourge of Painkiller Abuse in the NFL. In: Huffington Post Live. October 20, 2015.
85. Naloxone Use for Opioid Overdoses. In: Wharton Business Radio, Sirius. October 1, 2015.
86. Discussing Opioid Overdoses. In: Doctor Radio. October 21, 2015.
87. Starting the Conversation on Opioid Overdoses. In: Aging Care. <https://www.agingcare.com/Articles/Help-America-Start-Talking-187543.htm>. September 2015.
88. Opioid Emergencies and Naloxone Use. In: Radio MD. September 9, 2015. <http://radiomd.com/show/health-radio/item/29028-opioid-emergencies-how-medication-for-chronic-pain-can-backfire>
89. Traumatic Injuries in Amtrak Accident in Philadelphia. In: CNN. May 3, 2015.
90. For Pain, It Matters Which Doctor You See. In: Everyday Health. March 10, 2015.
91. Women's Pain Is Treatable, But Often Ignored. In: Epoch Times. January 19, 2015.
92. For the Elderly, Compliance is Key for Postherpetic Neuralgia Management. In: Monthly Prescribing Reference. October 9, 2014.

93. Pain management scores rise moderately, leave room for improvement. In: FierceHealthcare. September 4, 2014. <http://www.fiercehealthcare.com/story/pain-management-scores-rise-moderately-leave-room-improvement/2014-09-04>
94. Quaaludes and How They Work on the Human Body. In: CNN. July 7, 2014.
95. Multimodal Treatment of Knee Pain After Surgery. In: NBC Philadelphia. August 10, 2013
96. Have a safer hospital stay: Use a checklist. In: KevinMD Blog. June 12, 2013. <http://www.kevinmd.com/blog/2013/06/safer-hospital-stay-checklist.html>
97. Questioning Steroid Shots for Back Pain, In: The New York Times. September 19, 2013.
98. Can Genetic Testing Improve the Treatment of Pain? Fox News Network. August 6, 2013.
99. How can you reduce pain during a hospital stay? In: OUP Blog. June 17 2013. <http://blog.oup.com/2013/06/pain-management-hospital-stay-anesthesia/>
100. How to have a hospital stay without pain. In: KevinMD Blog. May 19, 2013. <http://www.kevinmd.com/blog/2013/05/hospital-stay-pain.html>
101. Tubing misconnections avoidable, safe tubing procedures urged. In: Anesthesiology News. 2013. <http://multibriefs.com/ViewLink.php?i=54528178d4724>
102. Improving Your Hospital Stay. Blog In: Better Health. January 2011.
103. Struggling to Manage Pain. Health Section. In: Philadelphia Inquirer. April 2011.

Membership in or examiner for specialty board

2017-Present	Communications Committee Member, American Society of Anesthesiologists (ASA)
2011-Present	Member, American Society of Regional Anesthesiology and Pain Medicine (ASRA)
2003-Present	Member, American Society of Anesthesiologists (ASA)

Workshops /seminars

Date	Role, learner level, course title, venue; notes
8/2019	Healthy Women National Summit, Opening and Keynote Speaker, Chronic Pain in Women
4/2019	National Academies of Sciences, Engineering and Medicine, Washington DC, Global Forum on Innovation in Health Professional Education, Invited Presenter on Patient Engagement and Pain
5/2019	Milken Institute, Global Meeting, Los Angeles, CA, Opioid Crisis and the Third Wave
4/2018	Alliance for Balanced Pain Management, Washington DC, Moderator and Speaker, The Role of Patient Engagement in the Treatment of Pain
10/2018	National Organization of Rare Diseases (NORD), Keynote Speaker and Opening Speaker for National Summit 2018
10/2018	American Society of Anesthesiology, 2018 Annual Meeting Presentation

ORGANIZATIONAL ACTIVITIES (in chronological order, earliest first by start date under each subcategory)

Institutional Administrative Appointments

2012 – 2017	Pharmacy and Therapeutics Committee, Drexel University College of Medicine, PA
2012 – 2017	Medical School Admissions Committee, Drexel University College of Medicine, PA
2012 – 2017	Clinical Pain Research Committee, Drexel University College of Medicine

Editorial Activities

2012-Present	Editorial Advisor, Pharmacist Letter
2012-Present	Editorial Board, Pain Management
2012-Present	Editorial Board, Journal of Pain and Symptom Management
2012-Present	Editorial Board, Journal of Pain, Pharmacotherapy, and Palliative Care
2012-Present	Ad Hoc Reviewer, British Medical Journal
2012-Present	Ad Hoc Reviewer, Journal of Opioid Management 2012-Present, Ad Hoc Reviewer, Aging
2012-Present	Ad Hoc Reviewer, Journal of Pain
2012-Present	Ad Hoc Reviewer, Regional Anesthesiology and Pain Medicine
2012-Present	Ad Hoc Reviewer, Pain Medicine
2012-Present	Ad Hoc Reviewer, Pain
2012-Present	Ad Hoc Reviewer, Expert Opinion in Pharmacotherapy