#### Scholarly Activity July 1, 2014 to June 30, 2015

#### **Published Manuscripts:**

- 1. **Shulman S., Cracchiollo B., Shubhangi K. and Sifonios A**. Intraoperative Bleeding Associated with Preoperative Use of Ganoderma lucidum Supplements. Open Journal of Anesthesiology, 4, 119-122, 2014
- 2. **Shah R, Gomulka M, Asokan D, and Shulman S**. A Novel Technique to secure Radial Arterial Catheter: the Horseshoe Stabilizer. Accepted by Open Journal of Anesthesiology, June 2014
- 3.Li J, Xiong M, Alhashem HM, Zhang Y, Tilak V, Patel A, Siegel A, Ye JH, Bekker A. Effects of prenatal propofol exposure on postnatal development in rats. Neurotoxicol Teratol. 2014;43:51-8. doi: 10.1016/j.ntt.2014.03.006. PMID: 24726880
- 4. Xiong M, Li J, Alhashem HM, Tilak V, Patel A, Pisklakov S, Siegel A, Ye JH, Bekker A. Propofol exposure in pregnant rats induces neurotoxicity and persistent learning deficit in the offspring. Brain Sci. 2014; 4(2):356-75. doi:10.3390/brainsci4020356. PMID: 24961766.
- 5. **Xu, Ji-Tian; Zhao, Jianyuan**; Zhao, Xiuli; Ligons, Davinna; Tiwari, Vinod; Lee, Chun-Yi; Atianjoh, Fidelis E; Liang, Lingli; Zang, Weidong; Njoku, Dolores; Raja, Srinivasa N; Yaster, Myron; **Tao, Yuan-Xiang**. Opioid receptor-triggered spinal mTORC1 activation contributes to morphine tolerance and hyperalgesia. J Clin Invest 124: 592-603, 2014.
- 6. Liaw, Wen-Jinn; Tsao, Cheng-Ming; Huang, Go-Shine; Wu; Chin-Chen; Ho, Shung-Tao; Wang, Jhi-Joung; Tao, Yuan-Xiang; Shui, Hao-Ai. Phosphoproteomics and bioinformatics analyses of spinal cord proteins in rats with morphine tolerance. PLoS One 9: e83817, 2014.
- 7. Fan, Longchang; Guan, Xaiowei; Wang, Wei; Zhao, Jian-Yuan; Zhang, Hongkang; Tiwari, Vinod; Hoffman, Paul N; Li, Min; Tao, Yuan-Xiang. Impaired neuropathic pain and preserved acute pain in rats overexpressing voltage-gated potassium channel subunit Kv1.2 in primary afferent neurons. Mol Pain 10: 8, 2014
- 8. **Pandya Shah, S.** Perioperative Management of Patient with Autism. Austin J Anesthesia and Analgesia. 2014;2(3):3
- 9. **Pisklakov S, Rimal J, McGuirt S.** Role of Self Evaluation and Self Assessment in Medical Student and Resident Education. British Journal of Education, Society and Behavioral Science, 2014; 4:1-9.

- 10. **Hashemi A, Pisklakov S, Rimal J, Patel A.** Corneal Abrasion and Visual Evoked Potentials Monitoring: Causes and Prevention. British Journal of Medicine and Medical Research 2014; 4(7):1442-1447.
- 11. Sadiah Siddiqui, Anthony N. Sifonios, Vanny Le, Marc E. Martinez, Jean D. Eloy, and Andrew G. Kaufman: Development of Phantom Limb Pain after Femoral Nerve Block, Case Reports in Medicine, vol. 2014, Article ID 238453, 3 pages, 2014. doi:10.1155/2014.
- 12. Shaparin N, White RS, Andreae MH, **Kaufman AG**. A longitudinal linear model of patient characteristics to predict failure to attend an inner-city chronic pain clinic. Journal of Pain, Vol.15 (7) 2014:704-11
- 13. Bernstein J, Shaparin N, White R, **Kaufman AG**. Bevel direction of epidural needles reliably predicts direction of catheter placement and contrast spread in human cadavers: Results of a Pilot Study, Journal of Clinical Anesthesia, Vol 26 (8) 587-90
- 15. Alexander Aleynik, Kevin Gernavage, Yasmine Mourad, **Katherine Liu, Yuriy Gubenko**, Rameshwar Pranela and Lauren S Sherman. Mesenchymal Stem Cells Delivery of Therapies for Brain Disorders. Clinical and Translational Medicine 2014; 3:24 (19 July 2014)
- 16. **Dennis Grech, George Gorgy**. Acupuncture as a Complementary Treatment for Migraine . Austin J Anesthesia and Analgesia. 2014; 2(3):3
- 17. Wilson SH, Auroux AS, Eloy JD, Merman RB, Chelly JE. Ropivacaine 0.1% versus 0.2% for continuous lumbar plexus nerve block infusions following total hip arthroplasty: a randomized, double blinded study. Pain Med. 2014; 15(3) 465-72
- 18. **Chinn, LW, McGuirt, S, Puri,** S., The Readability of Online Patient Education Materials From Major Anesthesiology Associations and the American Society of Anesthesiologists. Open Journal of Anesthesiology 2014 4(1)
- 19. **Bekker A, Eloy JD**. Anesthesia for functional neurosurgery. Austin Journal of Anesthesia and Analgesia 2014, 1:6-12
- 20. Lutz B, Bekker A, Tao, Yuan-Xiang. Noncoding RNAs: New players in chronic pain. Anesthesiology 2014; 121(2) 409-17
- 21. **Atlas G,** and Dhar S. A preliminary fractional calculus model of the aortic pressure flow relationship during systole. Accepted to the International Conference on Biomedical Engineering and Systems. Prague, Czech Republic, August 2014. This paper has also been

- posted on the NJIT Center for Applied Mathematics and Statistics website:http://m.njit.edu/CAMS/Technical Reports/CAMS13 14/report1314-18.pdf
- 22. **Atlas G,** Li JK-J, Kostis JB. A comparison of mathematical models of left ventricular contractility derived from aortic blood flow velocity and acceleration: Application to the esophageal Doppler monitor. Biomedical Engineering Letters.
- 23. **Greenwald A, Gubenko, Y**. Chewing Gum: A hazard that warrants delaying the case?:ASA Patient Safety Newsletter. Nov 2014
- 24. Koerner JD, Patel A, Zhao C, Schoenberg C, Mishra A, Vives MJ, Sabharwal S, Blood Loss During Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis. Spine 2014;39: 1479–1487
- 24. **Gonzalez Antonio, MD**, Andrew Eisenberg, MD, Richard Smiley, MD, Phd; Anesthesia Implications of Coagulation and Anticoagulation During Pregnancy. Seminars in Perinatology; 2014,38(6); 370-7
- 25. **Fiol AG**, Escudero M, Laifer-Narin S, Smiley R (2015) A Combined Spinal Epidural Anesthetic (CSE) for Cesarean Section in a Patient with Achondroplasia. Can MRI be Helpful? J Anesth Clin Res 6:496.doi.4172/2155-6148.1000496
- 26. Zhisong Li, Xiyao Gu, Shaogen Wu, Linlin Sun, Lingli Liang, Jing Cao, Brianna Marie Lutz, Alex Bekker, Wei Zhang, Yuan-Xiang Tao. Dorsal root ganglion myeloid zinc finger protein 1 contributes to neuropathic pain after peripheral nerve trauma. Pain 156: 711-21, 2015.
- 27. **Pandya Shah, S, Jain A**: Case Report of Anesthestic Management in an 8 Week Old Infant with Trisomy 15 for Resection of Hemangiopericytoma. J Anesthesia & Clinical Research, Jan 2015
- 28. **Gajewski, Michal**, and Gerald Weinhouse. "The Use of Modafinil in the Intensive Care Unit." *Journal of Intensive Care Medicine* (2015): 0885066615571899.
- 29. **Pandya Shah S**, Ornella Lemonius: Editorial on Anesthesia and Developing Brain. Austin Journal of Anesthesia and Analgesia: 8/2014,
- 30. Brianna Marie Lutz, Sam Nia, Ming Xiong, Yuan-Xiang Tao, Alex Bekker. mTOR, a new potential target for chronic pain and opioid-induced tolerance and hyperalgesia. Mol Pain 11: 32 (2015).

- 31. Ji-Tian Xu, Linlin Sun, Brianna Marie Lutz, Alex Bekker, Yuan-Xiang Tao. Blocking spinal cord mTOR1 attenuates morphine-induced analgesic tolerance and hyperalgesia in rats with neuropathic pain. Transl Perioper & Pain Med 2(2):27-34, 2015.
- 32. Brianna Marie Lutz, Steffen E. Meiler, Alex Bekker, Yuan-Xiang Tao. Current updates on sickle cell disease-associated chronic pain. Transl Perioper & Pain Med 1(2): 8-17, 2015.
- 33. Lingzhong Meng, Jian Li, Yi Li, Dajin Sun, Yuan-Xiang Tao, Renyu Liu, Jin Jun Luo. Ketamine-a multifaceted drug. Transl Perioper & Pain Med 1(2): 20-26, 2015.
- 34. Li J, Xiong M, Nadavaluru PR, Zuo W, YeJH. Ethanol Drives Aversive Conditioning through Dopamine-1 and Glutamate Receptor-Mediated Activation of Lateral Habenula Neurons. Additional Biology.2015, doi:10.1111/adb.12298
- 35. Jean Marc Guedon, Shagen Wu, Xueing Zheng, Caroline Churchill, Joseph Glorioso, Ching Hang Liu, Shue Liu, Lucy Vulchanova, Alex Bekker, Yuan-Xiang Tao, Paul Kinchington, WF Goins, CA Fairbanks, Shaunglin Hao. Current Gene Therapy using viral vectors for chronic pain. Mol Pain 11:27, 2015
- 36. Lingli Laing, Brianna Marie Lutz, Alex Bekker, Yuan-Xiang Tao. Epigenetic regulation of chronic pain. Epigenetics 7:235-245, 2015

### II. Accepted Manuscripts

- 1. Whitwell Trevor, Dongchen Li, Vanny Le, Gonzalez Antonio. Successful Neuraxial Analgesia After Recent Epidural Blood Patch. Accepted A&A Case Report Journal. Tentative publication Aug 2015
- 2. **Shaogen Wu, Alex Bekker, Yuan-Xiang Tao**. AAV mediated transfer of Kv1.2 sense RNA to primary sensory neurons: a potential strategy to treat peripheral neuropathic pain. Mol Pain (2015) Accepted.
- 3. Brian M. Radvansky, Khushbu Shah, **Anant Parikh, Anthony N. Sifonios, Vanny Le, and Jean D. Eloy.** Role of Ketamine in Acute Postoperative Pain Management: A Narrative Review. BioMed Research International. (accepted)
- 4. Radvansky BM, Farver WT, Svider PF, Eloy JA, **Gubenko YA**, **Eloy JD**. Comparison of Plaintiff and Defense Expert Witness Testimony in Malpractice Litigation in Anesthesiology. Accepted for Publication by "Anesth Analg" (In Press 2015).

- 5. **Patel Anuradha**, Clark S, **Schiffmiller M, Schoenberg C**, Tewfik G. A Survey of Practice Patterns in the Use of Laryngeal Masks by Pediatric Anesthesiologists. Accepted for publication by Pediatric Anesthesia (In press)
- 6. Po Kai Wang, Jing Cao, Hongzhen Wang, Lingli Liang, Jun Zhang, Brianna Marie Lutz, Kun-Ruey Shieh, Alex Bekker, Yuan Xiang Tao. Short term sleep disturbances-induced stress does not affect basal pain perception but does delay postsurgical pain recovery. J Pain(2015) in Press

## III. International Association for Study of Pain (IASP)-Oct 2014

#### Yuan-Xiang Tao

Epigenetic Mechanisms for pain: A novel approach to pain treatment (**Plenary speaker**)

## IV. American Society of Anesthesiologist 2014 New Orleans, LA

## **Poster/Oral Presentations**

#### SNACC 10/9-10/10 2014

- 1. **Johan Reyes, Ming Xiong :** Precedex attenuating the neuroapoptotic effects of propofol on in-utero exposure to fetal rats.
- 2. **Deepa Asokan, Sergey Pisklakov**: Pituitary Tumor Excision and perioperative Complications: A Study of 6019 subjects from a Nationwide in Patient Sample

#### **ASA Scientific Poster Presentations**

- 1. **Linlin Sun, Y. Tao:** μ Opioid Receptor-Dependent Activation of Spinal mTOR During Chronic Morphine Exposure-
- 2. **Antonio Gonzalez**: Combined Spinal-Epidural: The Untested Catheter? "Dose Response to Spinal Morphine for Post-cesarean Analgesia"
- 3. Jing Li: Role of Cerebellum in Hypnosis Induced by General Anesthetics
- 4. **Jing Li, Ming Xiong**: .Dexmedetomidine attenuates gestational propofol anesthesia-induced spatial memory impairment in offspring rats
- 5. **Jing Li, Ming Xiong**: Rats exposed to intralipid emulsion in Utero during gestation are behaviorally normal as juvenile
- 6. **Vanny Le:** The Effect of Preoperative Administration of IV Ibuprofen on Stress Response in Patients Undergoing Laparoscopic Cholecystectomy
- 7. **Vanny Le**: Presentation Preop admin of IV Ibuprofen improves quality of recovery after lap cholecystectomy (**ORAL PRESENTATION**)

- 8. **F. lannaconne, L. Chinn**: Patients' Pre-operative Understanding Regarding the Role of Anesthesiologists.
- 9. **Y. Tao, Linlin Sun**: Inhibiting Spinal mTOR Attenuates the Development and Maintenance of Morphine-Induced Tolerance and Hyperalgesia (**ORAL PRESENTATION**)
- 10. **Jing Li, Ming Xiong**: Dexmedetomidine attenuates neuroinflammation in fetal rats exposed to propofol in Utero

#### **ASA Medically Challenging Cases**

- 1. **Jay Kothari, Rania Aziz**: Patient with Diamond-Blackfan Anemia: A Challenging Case in Anesthetic Management
- 2. **Jay Kothari, Sergey Pisklakov**: Patient with Kennedy's Disease: a Challenging Anesthetic in Ambulatory Surgery Setting
- 3. **Sam Nia, Glenn Atlas**: Use of Near Infrared Spectroscopy Cerebral Oximetry Monitoring for pt with Congenital Absence of Internal Carotid Artery During Ipsilateral Trapezius Muscle Tumor Excision in the lateral Position
- 4. **Katherine Liu, Sergey Pisklakov**: Patient with Intraoperative Lung Mass with Mediastinal Involvement for Palliative Craniotomy
- 5. **Rebecca Scholl, S. Pandya-Shah**: Anesthestic Challenges for Caring for an Obese Patient undergoing Dental Surgery
- 6. **Shawn Puri, Sergey Pisklakov**: Craniotomy for a Patient with Cleidocranial Dysplasia: A True Anesthetic Challenge
- 7. **Jose Otero, Vanny Le, J. Daniel Eloy**: Paraspinal abscess with epidural microhematoma
- 8. **Ankit Jain, S. Pandya Shah**: The Anesthetic Management of a Child with Ohtahara Syndrome and Severe Stridor
- 9. **Rebecca Scholl, J. Daniel Eloy, Vanny Le**: Single Injection of Exparel for Brachial Plexus Block provides Adequate Post op Analgesia without the Needs for Opioids
- 10. **Shawn Puri, S. Pisklakov**: Single Injection of Exparel for Brachial Plexus Block provides Adequate Post op Analgesia without the Needs for Opioids
- 11. **Deepa Asokan, S. Pisklakov**: Myocardial Bridging Perioperative Management of a Rare Cardiac Syndrome
- 12. **Katherine Liu, S. Pisklakov**: Presentation Last Days of Horace Wells: A Sad Story of his Arrest and a Suicide.
- 13. Patrick Discepola, Steven Shulman: Hearsay Medical Case Report: Case and Criteria
- 14. **Trevor Whitwell, S. Pisklakov**: A Rare Case of Retained Denture in the Oropharynx With Close Proximity to the Vocal Cords: Anesthesia and Airway Management
- **15 J. Reyes, J. Li, J.D. Eloy, S. Shulman, A. Bekker, M. Xiong.**Dexmedetomidine Attenuates Neurotoxicity Induced by Prenatal Propofol Exposure in Rats.

<u>Foundation for Anesthesia Education and Research (FAER)Student Symposium (mentor Yuan- Xiang Tao, PhD)</u>

**Andrea Creamer**: Dorsal root ganglion DNMT3a participates in neuropathic pain

genesis

Rafael Paulino: The role of SUV39h1 in neuropathic pain.

### **Poster Presentations**

## V. New York Society of Regional Anesthesia- September, 2014

**Christian Estrada, Anthony Sifonios:** Epidural and Intrathecal Spread of Local Anesthetic After Lumbar Plexus Block

## VI. Society for Neuroscience-November, 2014

- Lingli Liang, Yuan-Xiang Tao: Overexpression of DRG Kv1.2 antisense RNA reduces DRG Kv1.2 expression, increases DRG neuronal excitability, and produces neuropathic pain symptoms
- 2. Rao Fu, Xing Chen, Wanhong Zuo, Jing Li, Jiang-Hong Ye: Selective Ablation of Mu Opioid Receptor Expressing GABA Neurons in the Rostromedial Tegmental Nucleus Promotes Ethanol Intake
- 3. **Yuan-Xiang Tao:**Impaired neuropathic pain and preserved acute pain in rats over-expressing voltage-gated potassium channel subunit Kv1.2 in primary afferent neurons
- 4. **Lingli Lang, Yuan Xiang Tao:**mTOR and its downstream pathway are activated in the dorsal root ganglion and spinal cord after peripheral inflammation, but not after nerve injury
- Shaogen Wu, Lingli Liang, Linlin Sun, Xiyao Gu, Brianna Marie Lutz, Alex Bekker, Yuan-Xiang Tao:mTOR controls dorsal horn protein translation during morphine exposure
- 6. Lingli Liang, Linlin Sun, Shaogen Wu, Xiyao Gu, Brianna Marie Lutz, Alex Bekker, Yuan-Xiang Tao:Inhibiting Spinal mTOR Attenuates the Development and Maintenance of Morphine-Induced Tolerance and Hyperalgesia
- 7. Zhisong Li, Xiyao Gu, Linlin Sun, Shaogen Wu, Lingli Liang, Jing Cao, Brianna Marie Lutz, Alex Bekker, Wei Zhang, Yuan-Xiang Tao: Dorsal root ganglion myeloid zinc finger protein 1 contributes to neuropathic pain after peripheral nerve trauma
- 8. Linlin Sun, Lingli Liang, Xiyao Gu, Shaogen Wu, Brianna Marie Lutz, Alex Bekker, Yuan-Xiang Tao:μ opioid receptor-dependent activation of spinal mTOR during chronic morphine exposure
- Xiyao Gu, Lingli Liang, Linlin Sun, Shaogen Wu, Brianna Marie Lutz, Alex Bekker, Yuan-Xiang Tao:PI3K/Akt mediates μ opioid receptor-triggered dorsal horn mTOR activation during chronic morphine exposure

### VII. American Society of Regional Anesthesia- November, 2014

Sam Nia: Radiofrequency of Dorsal Root Ganglia Can Successfully Treat Metastatic Rib

Pain: A Case Report

### VIII. Post Graduate Assembly-NYSSA- December, 2014

**1. Steven Shulman:**Quintile versus Decile analysis of BIS measurements during TIVA: How much information do we really get from BIS?

- **2. J. Reyes, S. Puri, J. Li, M. Xiong:**Gestational Propofol Exposures Induces Neuroapoptosis and Long-Term Behavioral Deficits in Offspring Rats
- **3. T. Shah, S. Sharma, S. Puri, A. Parkih, C. Liu:**Improving Provider Utilization of Importance Mnemonic as a Cognitive Aid for Patient Sign Out
- **4.** Christian Estrada, Kadia Bundu, Julie Nguyen, Ferdinand Iannaccone, Ali Akmal Contributing Factors to Late OR Start Times
- **5. Rebecca Scholl, Sam Nia:**Use of Rapid Cycle Improvement Strategies to Enhance the Anesthesiology Resident Training Experience
- **6. S. Puri, J. Li, J. Reyes, M. Xiong:** Refined Methods for Tail Venous Catheterization and Intubation for Total Intravenous Anesthesia in Rats
- **7. J. Reyes, U. Saldanha, T. Whitwell, D. Asokan, M. Schiffmiller, A. Jain:** Anesthesia Emergency Transportation Kits

### IX. New Jersey State Society of Anesthesiology-March 2015

- Rebecca Scholl, Dennis Grech: Intraoperative Electroacupuncture During Thyroid And Parathyroid Surgeries to Decrease Opioid Requirements and Improve Patient's Quality of Recovery.
- 2. Ankit Jain, Usha Saldanha, Shridevi Shah, Vasanti Tilak: Anesthetic Management of a child with Ohtahara Syndrome and severe stridor
- **3. Rebecca Scholl, Shridevi Pandya Shah:** Anesthetic Management of a Child with Denys-Drash Syndrome After Renal Transplant
- **4. Yichun Lin, Jing Li, Ming Xiong:** Dexemedetomidine Attenuates Apoptosis Induced by Ketamine Exposure in Fetal Rats
- **5. Christian Estrada, Steven Shulman:** Quintile versus Decile analysis of BIS measurements during TIVA: How much information do we really get from BIS?
- **6. Sam Nia, A. Greenwald, V. Le:**Radiofrequency Ablation of A Sciatic Nerve Neuroma For Treatment of Phantom Limb Pain

# X. <u>International Anesthesia Research Society-March 2015</u>

- 1. Yichun Lin, Jing Li, Ming Xiong, J. Daniel Eloy, Vanny Le, Jiang Hong Ye Dexemedetomidine Attenuates Apoptosis Induced by Ketamine Exposure in Fetal Rats
- **2.** Christian Estrada, Anthony Sifonios, Daniel Eloy, Vanny Le, Anthonio Gonzalez-Fiol: Epidural and Intrathecal Spread of Local Anesthestic After Lumbar plexus Block

- **3. Jing Li, Ming Xiong, Jiang Hong Ye:**Fentanyl Mitigates Neurotoxicity Induced by Prenatal Propofol Exposure
- **4. Bo Xu:**The Influence of Age on Sensitivity to Dexmedetomidine Sedation during Spinal Anesthesia in Lower Limb Orthopedic Surgery
- **5. Dennis Grech,MD, Rebecca Scholl, MD, Louis Ulloa, PhD, David Kim, PhD, Catherine Schoenberg BSN, Alex Bekker MD:**Intraoperative Electroacupuncture During Thyroid And Parathyroid Surgeries to Decrease Opioid Requirements and Improve Patient's Quality Of Recovery

## **XI.** Society for Pediatric Anesthesia-March 2015

- **1. Moshe Schiffmiller:**Postoperative Respiratory Failure in a Child with Juberg-Hayward Syndrome
- **2. Anuradha Patel, Jing Li, Ming Xiong**, Jiang Hong Ye, Alex Bekker, Neurotoxicity induced by Prenatal Propofol Exposure in rats is Mitigated by Fentanyl.

# XII. Society for Cardiac Anesthesia-Washington DC- April 2015

- 1. Ankit Jain, MBBS: Prophylactic Right sided Tandem heart for management of potential Right Heart failure before placement of a LVAD A Novel single vessel percutaneous approach
- 2. Ankit Jain, MBBS: Difficult Removal of Central Access in Post transplant Patient

## XIII. American Society for Regional Anesthesia- April 2015

1. Scholl R, Sifonios A, Le V, Gonzalez-Fiol A. Sheared Epidural Catheters: Do We Have the Evidence to Proceed Safely?

# XIV. Society for Ambulatory Anesthesia –Las Vegas May 2015

- 1. Sam Nia MD, Eric Seem MD: Malignant Hyperthermia In A 29 Year Old Male With No Significant Past Medical History
- 2.Rebecca Scholl, MD, Dennis Grech, MD, Louis Ulloa, PhD, David Kim, PhD, Catherine Schoenberg BSN, Alex Bekker MD: Intraoperative Electroacupuncture During Thyroid And Parathyroid Surgeries to Decrease Opioid Requirements and Improve Patient's Quality Of Recovery
- 3. \* Rebecca Scholl, M.D., Mark Hausdorff, M.D. Fentanyl-Induced Chest Wall Rigidity In A Child: A Rare But Serious Complication In The Ambulatory Care Setting. \* First Place in Resident Competition

# XV. New York Academy of Medicine 2015

- 1. \*Ferdinand lannaccone DO, Anthony Sifonios MD, Jean D. Eloy MD
  Bilateral Infraclavicular Nerve Block: Single Injection Liposomal Bupivacaine Vs
  Bupivacaine HCl With Epinephrine and Dexamethasone A Cost Benefit Analysis
  \*2nd Place in Resident Competition
- 2. Sam Nia, A. Greenwald, V. Le: Radiofrequency Ablation of A Sciatic Nerve

#### Neuroma For Treatment of Phantom Limb Pain

# **XIV.** Book Chapters

- 1. **Pisklakov S, Patel** A Chapter Title: Bullying Among Health Care Providers. Book ID: 5769 Book Title: Bullying: Prevalence, Psychological Impacts and Intervention Strategies. Nova Science Publishers, Inc. Chapter ID: 25169
- 2 Pisklakov S, Patel A Chapter Title: Statins: Potentially Neuroprotective Agents.,. Book ID: 5839 Book Title: Statins: Medical Uses, Mechanisms of Action and Clinical Outcomes, Nova Science Publishers, Inc. Chapter ID: 25191
- 3. **Sharma, Shelly, Shin, Peter Y., and Le, Vanny**; Migraine Surgery Chapter 3: Medical Optimization of the Migraine Patient: What is Refractory Migraine; ed. Mammis, Antonios; Nova Publishers, 2014.
- 4. **Sifonios, Anthony and Le, Vanny**; Migraine Surgery Chapter 5: Interventional Treatment of Migraine 1: Botox; Trigger Point Injection; Mammis, Antonios; Nova Publishers, 2014.