

## Dr. Kayode A. Williams, M.D./M.B.A/FFARCSI



Dr. Williams earned his medical degree from the College of Medicine University of Lagos, Nigeria in 1984, where he also earned a Diploma in Anesthesia in 1988. Following training at renowned medical institutions such as the Manchester Royal Infirmary, Dr. Williams completed his residency in anesthesiology in England in 1995. Subsequently, he became a Fellow of Faculty of Anesthesia, Royal College of Surgeons in Ireland (FFARCSI) also in 1995. Dr. Williams joined the University of Michigan in 1997, completed second residency training in Anesthesiology in 2001, fellowship in Pain Medicine in 2002, and received an M.B.A. degree from the Ross School of Business, University of Michigan in 2004. He remained on the faculty of the Division of Pain Medicine, and the Liver Transplant Anesthesiology team at The University of Michigan until 2005. Dr. Williams joined the Division of Pain Medicine Department of Anesthesiology and Critical care Medicine at the Johns Hopkins School of Medicine in 2005 to develop new private practice venture, and to extend the Pain Division's reach beyond the confines of the academic milieu and into the community. He was the Director of the Hopkins Pain Center at White Marsh till June 2009.

From 2009 to 2011 he assumed the Directorship of the Blaustein Pain Center Johns Hopkins where he has helped lead the improvements in service excellence, patient safety, operations, residents and fellow education. In collaboration with faculty at the Carey Business School Johns Hopkins helped to develop a novel approach to evaluating disparate healthcare operations such as private practice and academic pain centers with a view to enhancing operational throughput and efficiency. The approach has also been utilized to examine the impact of resident education on service delivery in the academic setting also with a view to enhancing teaching models in the setting of service delivery. Dr. Williams has been on the faculty of the Johns Hopkins Carey Business School since 2011.

Dr. Williams focus is on translational research in neuromodulation, with emphasis on the mechanisms and efficacy of spinal cord stimulation in neuropathic pain, peripheral neuropathies, and peripheral vascular disease. His interest in the business of Medicine is prompted by the desire to enhance value proposition for physician groups and hospitals through effective resource management. Dr. Williams' business focus is on operations research/operations management, specialty practice development.

### Certifications

- American Board of Anesthesiology
- American Board of Anesthesiology – Pain Medicine
- Fellow of the Faculty of Anesthesia, Royal College of Surgeons in Ireland.

### Selected Publications

- Neufeld N, DO, Gonzales-Fernandez M, M.D. Ph.D. Christo P, M.D. MBA, Williams K., M.D. MBA. "Positive Recognition Program Increases Compliance with Medication Reconciliation by Resident Physicians in an Outpatient Clinic". Am J Med Qual. 2012 May 16. [Epub ahead of print] Accepted for an Oral Presentation at the ISQua's 29<sup>th</sup> International Conference, which will take place in Geneva, Switzerland, 21<sup>st</sup> – 24<sup>th</sup> October 2012.  
[www.isquaconference.org](http://www.isquaconference.org)

- Kayode A. Williams, M.D., MBA, Chester Chambers, Ph.D., Maqbool Dada, Ph.D., Douglas Hough, Ph.D., Ravi Aron, Ph.D., John A. Ulatowski, M.D., Ph.D., MBA. Using Process Analysis to Assess the Impact of Medical Education on the Delivery of Pain Services: A Natural Experiment. *Anesthesiology*. 2012 Apr;116(4):931-939 Featured in the *Anesthesiology* blog “ in the Lab” section 02/29/2012. <http://page2anesthesiology.org/category/lab-visit/>.
- Marie N. Hanna, MD, Ashlea D. Barrett, MPH, Kayode A. Williams, MD, Peter Pronovost, MD. Does Patient Perception of Pain Control Affect Patient Satisfaction Across Units in a Tertiary Teaching Hospital? (In Press: *Am J Med Qual*. 2012 Feb 16. [Epub ahead of print].
- Williams K.A., Marlis Gonzalez-Fernandez, Sayeh Hamzehzadeh, Indy Wilkinson, Michael A. Erdek, Anthony Plunkett, Scott Griffith, Matthew Crooks, Thomas Larkin, and Steven P. Cohen. A Multi-center Analysis Evaluating Factors Associated with Spinal Cord Stimulation Outcome in Chronic Pain Patients. *Pain Med*. 2011 Aug;12(8):1142-53. doi: 10.1111/j.15264637.2011.01184.x. Epub 2011 Jul 12.
- Cohen SP, Williams K.A, Kurihara C, Nguyen C, Shields C, Kim P, Griffith SR, Larkin TM, Williams N, Strassels S. Multicenter, randomized comparative cost-effectiveness study comparing 0, 1 and 2 diagnostic medial branch (facet joint nerve) block treatment paradigms before lumbar facet radiofrequency denervation. *Anesthesiology*. 2010 aug;113(2):395-405.
- Hurley, R.W., Cohen, S.P, Williams, K.A., Rowlingson, A.J., Wu, C.L. The analgesic effects of perioperative gabapentin on postoperative pain: a meta-analysis. *Regional Anesthesia and Pain Medicine*. 2006. May-June; 31(3): 237-47.
- Cohen, S. P., Sireci, A., Wu, C. L., Larkin, T. M., Williams, K.A., Hurley, R. W., Pulsed radiofrequency of the dorsal root ganglia is superior to pharmacotherapy or pulsed radiofrequency of the intercostals nerves in the treatment of chronic post surgical thoracic pain. *Pain Physician* 2006; Jul: 9 (3):227-35.
- Cohen, S.P, Zahid, B.H., Kraemer, J.J., Dragovich, A., Williams, K. A., Stream, B.S., Sireci, B. S., Mcknight, G, Hurley, R. W. ,Factors Predicting Success and Failure for Cervical Facet Radiofrequency Denervation : A Multi-Center Analysis. *Regional Anesthesia and Pain Medicine*; Nov 2007;32:495-503.
- Cohen S.P, Strassels S.A, Foster L, Marvel J, Williams K.A., Crooks M, Gross A, Kurihara C, Nguyen C, Williams N. A Multi-Center, Randomized Controlled Study Comparing Fluoroscopically-Guided and Blind Injections for Trochanteric Bursitis. *BMJ* 2009 Apr14; 338: b1088.doi:10.1136/bmj.b1088.
- Olaniyan O.E.P, M.D., MBA, Brown C, RN, CPUM,CPHQ, Williams, K.A. M.D.,MBA,FFARCSI. Effectively Managing Your Medical Necessity and Notification Denials; *Healthc Financ Manageme*. 2009 Aug; 63 (8): 62-7.
- Olaniyan O.E.P, M.D., MBA, Brown C, RN, CPUM,CPHQ, Williams,M.D.,MBA,FFARCSI. Utilization Review, Getting it Right. *Physician Exec* 2011 May-Jun;37(3):50-54.