

# Lawrence Owusu, MS, PA-C

## Education & Training:

Undergraduate: University of California, Los Angeles  
Bachelor of Science, Physiological Sciences

Medical Training: Emory University School of Medicine  
Masters of Medical Science, PA

Board Certifications: National Commission of Certification of PAs

Specialized Training: Spine Instrumentation Course  
Minimally Invasive Vein Harvesting  
St. Jude Principles and Application of Neuromodulation  
Medtronic Neuromodulation Basic & Advanced Provider Course  
Cranial Navigation StealthStation® System Training  
Controlled Substance Education Course, CAPA  
Advanced/Basic Cardiac Life Support Certified

Additional Qualifications: TIRF (Transmucosal Immediate Release Fentanyl) Certified  
DEA Registration Schedule II-V

## Research Projects:

- SENSE™ (Subcutaneous and Epidural Neuromodulation System Evaluation) Study (St. Jude)  
The SENSE™ study is a prospective, multi-center, parallel design randomized, double-blinded study to demonstrate safety and efficacy of Peripheral Nerve field Stimulation (PNfS) and Spinal Cord Stimulation in combination with Peripheral Nerve field Stimulation (SCS-PNfS) using a St. Jude Medical Neuromodulation System.  
(<http://clinicaltrials.gov/ct2/show/NCT01990287?term=sense&rank=1>)
- Osteocel® Plus in eXtreme Lateral Interbody Fusion (XLIF®) (NuVasive)  
This is a prospective, non-randomized multi-center study to compare the use of Osteocel® Plus in subjects who receive XLIF® (eXtreme Lateral Interbody Fusion) surgery at one or two levels. These subjects will present with degenerative conditions in the lumbar spine that are amenable to surgical treatment and will be screened prior to study enrollment. Subjects will receive Osteocel Plus during their XLIF operation. Subjects will be followed for 24-months following surgery to determine the number of study subjects that are solidly fused at or before 24 months postoperatively, and to determine the mean time to fusion. This data will be compared to published and/or retrospective data for autograft, synthetic ceramics and Bone Morphogenetic Protein (BMP).  
(<http://clinicaltrials.gov/ct2/show/NCT00948532?term=nuvasive&rank=3>)
- Senior Project, Emory University School of Medicine:  
“Recognizing and Treating Paget’s Disease of the Bone”
- Phase I Neuroleptic Medication Trials on Cardiac Rhythm Disturbance, QT-Interval

## Professional Society Memberships:

American Academy of Pain Medicine  
North American Spine Society  
California Academy of PAs  
San Diego Society of PAs  
American Academy of PAs  
American Association of Surgical PAs

Languages:

Conversational/Medical Spanish

Awards and Honors:

Letter of Commendation (2) for Outstanding Academic and Clinical Performance

Heritage Award Winner, Emory University

First Surgical Team in Southeast to Implant St. Jude Mini Eon Internal Pulse Generator