

## Curriculum Vitae

### Luis Felipe Colón IV, MD

#### Personal Information

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Office	8210 Walnut Hill Lane, Suite 130 Dallas, TX 75231 Phone: 214-750-1207 Fax: 214-750-8504 Cell: 225-573-1227 Email: <a href="mailto:fcolon@txorthopaedic.com">fcolon@txorthopaedic.com</a>
Specialty	Spine Surgery/Orthopaedic Surgery

#### Employment

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Texas Orthopaedic Associates/Texas Institute for Surgery, Dallas, TX  
September 2025 – Present

#### Education

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Hospital for Special Surgery, New York City, New York  
Spine Surgery Fellowship  
July 2024 – July 2025

University of Tennessee College of Medicine Chattanooga  
Erlanger Hospital (Level I Trauma Center), Chattanooga, TN, USA  
Orthopaedic Surgery Residency  
July 2019 – June 2024

Royal College of Surgeons in Ireland (RCSI)  
Dublin, Republic of Ireland  
September 2015 – June 2019  
Doctor of Medicine

Louisiana State University, Baton Rouge, LA  
August 2010 – May 2014  
Degree: B.S. Microbiology

Catholic High School, Baton Rouge, LA  
January 2008 – May 2010  
Degree: High School Honors Diploma

Colegio San José  
San Juan, Puerto Rico  
August 2005 – December 2007

# Curriculum Vitae

## Board Scores

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Step 1 (08/28/2017)	<b>259</b>
Step 2 Clinical Knowledge (05/03/2018)	<b>263</b>
Step 3 (02/08-09/21)	<b>232</b>
ABOS Part I (07/11/2024)	<b>Pass</b> (78th Percentile)

## Honors and Awards

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### Fellowship

- 2025 – Best Abstract Presentation Award. AO Spine NA Fellows Forum. Banff, Canada
- 2025 – AO Spine Award Winning Abstract. AO Spine NA Fellows Forum. Banff, Canada
- 2025 – Albert Scholar Award Winning Abstract Presentation. Spine Summit. Tampa, FL

### Residency:

- 2023 – AOA Emerging Leader
- 2023 – Outstanding Research Scholar
- 2023 – AOA Resident Leadership Forum Nominee
- 2021 – 2nd Place – *Does Local Antibiotic Powder Affect Nonunion Risk in Operatively Treated Tibial Plateau and Pilon Fractures?* **L.F.Colón**, D.Miles, P.Nowotarski et al. Orthopaedic Research and Education Foundation Southeast Resident Research Symposium.

### Medical School

- 2018 – International Citizenship Award
- 2017 – Gold Medal – Pediatric Orthopaedics Competition
- 2016 – 1st Place – *Next Generation Sequencing in the Clinical Setting*. Graduate Entry Medicine Journal Club, RCSI.

### Undergraduate

- 2013 – Alpha Epsilon Delta – National Pre-Medical Honor Society
- 2010-2014 – Academic Scholars Award

## Manuscripts and Publications

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1. *Diagnostic dilemma: a rare cause of lower back pain.* **L.F. Colón**, J. Isaza, S. Flores. RCSI SMJ (academic journal), Vol. 11, No. 1.2018. ISSN 2009-0838. January 2018, pp. 14-18.
2. *MRI Diagnosis of Suprascapular Neuropathy Using Spinoglenoid Notch Distension.* Y. Katsuura, A. Hill, **L.F.Colón**, J.Dorizas. Radiol Med, Mar 2019. [PMID: 30835024](#)
3. *Safety and efficacy of non-steroidal anti-inflammatory drugs to reduce ileus after colorectal surgery.* EuroSurg Collaborative (**L.F.Colón**). Br J Surg, Jan 2020. [PMID: 31595986](#).
4. *Safety of hospital discharge before return of bowel function after elective colorectal surgery.* EuroSurg Collaborative (**L.F.Colón**). Br J Surg, Apr 2020. [PMID: 31976560](#).

## Curriculum Vitae

5. *Hypoglossal nerve palsy after anterior cervical spine surgery: a case report and literature review.* **L.F.Colón**, J.Isaza, Y.Katsuura, D.Nuss. JBJs Case Connector, May 2020. [PMID: 32649097](#)
6. *Timing of nasogastric tube insertion and the risk of postoperative pneumonia: an international, prospective cohort study.* EuroSurg Collaborative (**L.F.Colón**). Colorectal Dis, Dec 2020. [PMID: 34092023](#).
7. *Beware of the Dragon: A Case Report of a Komodo Dragon Attack.* B. Boyd, **L.F.Colón**, J.Doty, K.C.Sanders. Foot Ankle Orthop, June 2021. [PMID: 35097454](#)
8. *A Primer on the Use of Artificial Intelligence in Spine Surgery.* Y.Katsuura, **L.F.Colón**, A.Perez, T.J.Albert, S.Qureshi. Clin Spine Surg, Nov 2021. [PMID: 34050043](#)
9. *Validation of the OAKS prognostic model for acute kidney injury after gastrointestinal surgery.* STARSurg Collaborative and EuroSurg Collaborative (**L.F.Colón**). BJS Open, Jan 2022. [PMID: 35179188](#).
10. *Distal Femoral Replacement and Extensor Mechanism Repair Reinforced with Synthetic Mesh for Distal Femur Fracture with Patellar Ligament Avulsion.* C.Powell, K.C.Sanders, N.Huang, **L.F.Colón**, C.Norton. Arthroplasty Today, May 2022. [PMID: 35647247](#)
11. *Bilateral Acromioclavicular Joint Subluxation in an Adolescent with Ehlers-Danlos Syndrome: Case Report and Literature Review.* **L.F. Colón**, A. Padgett, C.Powell, D.Morrow, J.Bruce. Case Rep Orthop Res. June 2022; 5:69-75. [Open Access](#).
12. *Rapid Recovery Pathway without Epidural Catheter Analgesia for Surgical Treatment of Adolescent Idiopathic Scoliosis: A Comparative Study.* **L.F.Colón**, C.Powell, T.Burgan, A.Wilson, R. Quigley. Spine Deformity, Sep 2022. [PMID: 36152234](#)
13. *Quadruple-folded Hamstring Autograft Technique: Can it remove the need for allograft augmentation in ACL reconstruction?* C.Powell, C. Norton, **L.F.Colón**, A.Wilson, J.Bruce. Arthroscopy, Sports Medicine, and Rehabilitation; Oct 2022. [PMID: 36579051](#)
14. *Topical Antibiotic Powder Does Not Alter Nonunion Risk in Operatively Treated Tibial Plateau and Pilon Fractures.* D.Miles, **L.F.Colón**, A.Wilson, M.Scheinberg, M.Yee, B.Cunningham, J.Doty, W.Gardner, D.Kiner, P.Nowotarski. JAAOS, Mar 2023. [PMID: 36563331](#)
15. *Lumbar Radiculopathy due to Iliacus Abscess: Diagnosis, Treatment, and Review of the Literature.* D.Morrow, C.Read, **L.F.Colón**, C.Powell, B.Dunlap, B.Cunningham, J.Miller. Techniques in Orthopaedics 38(1): p 34-38. Mar 2023.
16. *Airway Complications after Anterior Cervical Spine Surgery: Etiology and Risk Factors.* **L.F.Colón**, L.Barber, E.Soffin, T.Albert, Y. Katsuura. Global Spine J, Mar 2023. [PMID: 36892830](#)
17. *Transversus Abdominis Plane block as Part of a Multimodal Analgesic Regimen in Patients Undergoing Anterior Lumbar Interbody Fusion: A Retrospective Cohort Study.* **L.F.Colón**, C.White, D.Miles, A.Wilson, O.Salazar, P.Patel, J.Miller. IJSS, Dec 2022. [PMID: 37028801](#)

## Curriculum Vitae

18. *Erector Spinae Plane Blocks for Circumferential Lumbar Spinal Fusion: Retrospective Cohort Study.* **L.F. Colón**, D.Miles, M. Scheinberg, A.Wilson, B.Shepherd, J.Miller. IJSS, Dec 2023. [PMID: 37625857](#)
19. *Management and treatment algorithm of airway complications after anterior cervical spine surgery: systematic review.* **L.F.Colón**, L.Barber, E.Soffin, T.Albert, Y. Katsuura. JSS, June 2024. [PMID: 39399087](#)
20. *Temporal Changes in PROMs Improvement and Recovery Kinetics Following Transoraminial Endoscopic Lumbar Discectomy.* E.Zhao, A. Ehrlich, A. Omurzakov, V. Arsen, T. Asada, Q. Singleton, L.F. Colón, S. Owusu-Sarpong, F. Musharbash, S. Halayqeh, A. Lui, A. Pezzi, K. Araghi, T. Subramanian, E. Mai, A. Heuer, N. Singh, O. Tuma, A. Durbas, T. Harhash, S. Qureshi, S. Iyer. Spine, Nov 2024. [PMID: 39722238](#)
21. *Evaluating Variations in Spinopelvic Parameters from Sitting to Standing: A Comparative Analysis of 1447 Older Adults Across Age, BMI, and Gender Subgroups.* A. Durbas, T. Subramanian, C. Simon, M. Allen, J. Samuel, M. Mazzucco, **L.F. Colón**, C. Pagan, T. Karasavvidis, J. Vigdorichik, M. Cunningham, H.J. Kim, F. Lovecchio. JCM, Apr 2025. [PMID: 40363985](#).
22. *Breaking Down Instability: The Associations Between Muscle Health, Facet Joint Morphology, Spinopelvic Alignment, and Stability Status in Degenerative Lumbar Spondylolisthesis.* E. Zhao, S. Halayqeh, T. Amen, A. Kaidi, Z. Hahn, J. Lama, A. Omurzakov, T. Xu, **L. F. Colón**, T. Asada, S. Owusu-Sarpong, Q. Singleton, F. Musharbash, A. Durbas, A. Lui, A. Pezzi, A. Ehrlich, M. Allen, O. Tuma, K. Araghi, T. Harhash, J. Dowdell, K. Morse, F. Lovecchio, S. Qureshi, S. Iyer. Spine, May 2025. [PMID: 40386936](#).
23. *Development and Validation of a Novel Survey Measuring Lumbar Activity Levels: The Hospital for Special Surgery Core Health Evaluation - Lumbar Activity Rating Scale (HSS CHEV-LARS).* E. Zhao, L.F. **Colón**, K. Araghi, O. Tuma, T. Amen, J. Mok, T. Asada, A. Kaidi, G. Kazarian, S. Owusu-Sarpong, Q. Singleton, F. Musharbash, K. DiSilvestro, K. Halvorsen, C. Mancuso, M. Parides, E. Sheha, J. Dowdell, K. Morse, F. Lovecchio, H.J. Kim, S. Qureshi, S. Iyer. Spine, May 2025. [PMID: 40334988](#).
24. *Balance of Strength? Reconsidering Muscle Metrics in Sagittal Malalignment in Adult Sagittal Deformity Patients.* D. Huang, Z. Wang, M. Dekhne, A. Durbas, T. Subramanian, G. Dykhhouse, R Uzzo, **L.F. Colón**, S. Owusu-Sarpong, H.J. Kim, F. Lovecchio. J Clin Med. May 2025. [PMID: 40429289](#).
25. *Identifying Distinct Risk Factors for Early-Onset and Late-Onset PJK in ASD: A Comparative Analysis Across Non-PJK, Early-Onset PJK, and Late-Onset PJK Groups.* D. Huang, H.J. Kim, Z. Wang, M. Dekhne, R. Uzzo, A. Durbas, G. Dykhhouse, T. Subramanian, **L.F. Colón**, S. Owusu-Sarpong, F. Lovecchio. GSJ. May 2025. [PMID: 40439674](#).
26. *Time Course of Functional Recovery Following Single-Level Anterior Lumbar Interbody Fusion with and Without Posterior Instrumentation: A Retrospective Single-Institution Study.* T. Subramanian, S. Owusu-Sarpong, S. Kush, A. Ehrlich, T. Asada, E. Zhao, K. Araghi, T. Hirase, A. Kaidi, G. Kazarian, F. Musharbash, **L.F. Colón**, A. Lui, A Durbas, O. Tuma, P.

## Curriculum Vitae

Shahi, K. Morse, F. Lovecchio, E. Sheha, J. Dowdell, H.J. Kim, S. Qureshi, S. Iyer. Submitted to JCM. June 2025. [PMID: 40648771](#).

27. *Patient Perceptions After Elective, Outpatient Lumbar Spine Surgery: Do Patients Prefer Same Day Discharge or an Overnight Stay?* T. Subramanian, S. Owusu-Sarpong, C. Simon, R Uzzo, M. Dedhne, A. Kaidi, G. Kazarian, E. Zhao, F. Musharbash, **L.F. Colón**, A. Ehrlich, K. Araghi, J. Song, T. Asada, P. Shahi, T. Amen, K. Morse, F. Lovecchio, J. Dowdell, S. Qureshi, S. Iyer. Spine. July 2025. [PMID: 40643017](#).
28. *Association of insulin-like growth factor 1 serum levels with early recover and in-hospital complications after spinal fusion.* A. Bay, H.J. Kim, A. Durbas, **L.F. Colón**, S. Owusu-Sarpong, Q. Singleton, F. Musharbash, A. Pezzi, T. Asada, S. Halayqeh, A. Lui, T. Harhash, E. Zhao, T. Subramanian, R. Uzzo, A. Samuel, G. Kazarian, K. Araghi, F. Lovecchio. JNS: Spine. August 2025. [PMID: 40815862](#).
29. *Is it Necessary to Fuse? A Propensity Score-Matched Analysis of One- versus Two-Level Fusions with Multilevel Decompression.* T. Subramanian, S. Owusu-Sarpong, T. Hirase, Takashi, Y. Oquendo, M. Dekhne, T. Asada, T. Harhash, E. Zhao, A. Ehrlich, A. Durbas, K. Araghi, A. Kaidi, G. Kazarian, F. Musharbash, **L.F. Colón**, P. Shahi, K. Morse, M. Cunningham, J. Dowdell, F. Lovecchio, H.J. Kim, S. Qureshi, S. Iyer. GSJ. August 2025. [PMID: 40876839](#).
30. *Relationship Between Paralumbar Muscle Assessment Methods and Spinal Alignment in Adult Spinal Deformity.* D. Huang, A. Kaidi, Z. Wang, N. Zhang, R. Uzzo, M. Mazzucco, A. Pezzi, A. Durbas, G. Dykhouse, T. Subramanian; **L.F. Colón**, S. Owusu-Sarpong; H.J. Kim, F. Lovecchio. GSJ. September 2025. [PMID: 40899450](#).
31. *Developing a Treatment Algorithm for the Management of Cervical Deformity, or Developing an Algorithm for the Treatment of Cervical Deformity.* **L.F. Colón**, E. Zhao, H.J. Kim. Clinical Spine Surg. September 2025. [PMID: 40919806](#).
32. *Implications of "Asymptomatic," Radiographic Foraminal Stenosis: Outcomes After Single-Level MIS Decompression.* T. Subramanian; S. Owusu Sarpong, A. Durbas, T. Asada, A. Kaidi, M. Dekhne, G. Kazarian, T. Hirase, F. Musharbash, **L.F. Colón**, E. Zhao, A. Ehrlich, K. Araghi, O. Tuma, S. Singh, P. Shahi, MBBS, K. Shafi, E. Sheha, K. Morse, F. C. Lovecchio, J. Dowdell, S. Qureshi, S. Iyer, MD. Manuscript ID: SPINEE-D-25-00218
33. *Temporal Trends of Recovery in Patients with Radiculopathy-Only versus Myelopathy Following Single- and Multi-Level ACDF.* S. Iyer, **L.F. Colón** et al 2024. Submitted to Clinical Spine Surgery
34. *Myelopathy and Depression Are Predictors of Non-Improvement on Late-Term Global Rating of Change Following Primary One- and Two-Level Anterior Cervical Discectomy and Fusion.* S. Iyer, **L. F. Colón** et al 2024. Submitted to Spine J.
35. *Unstable Versus Stable Degenerative Lumbar Spondylolisthesis: a Comparative Analysis of Muscle Health, Facet Joint Morphology, Spinopelvic Alignment, and Other Imaging Markers.* Eric Zhao; Sereen Halayqeh; Zora Hahn; Austin Kaidi; John Lama; Arsen Omurzakov; Tim Xu; **Luis F Colón**; Tomoyuki Asada; Stephane Owusu-Sarpong; Quante Singleton; Farah

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Musharbash; Atahan Durbas; Adrian Lui; Andrea Pezzi; Adin Ehrlich; Olivia Tuma; Kasra Araghi; Tarek Harhash; Sheeraz Qureshi, Sravisht Iyer. Manuscript ID: SPINEE-D-24-01131

36. *Does Muscle Matter? A New Perspective on Cervical Sarcopenia and Its Associations with Non-Improvement After Anterior Cervical Discectomy and Fusion.* Eric Zhao, BS; Adrian Lui, MBBS; Tejas Subramanian, BS; Mihir Dehkne, MD; Michael Mazzucco, BS; Troy Amen, MD; Austin Kaidi, MD; Jung Mok, MD; Gregory S. Kazarian, MD; Tomoyuki Asada, MD; Stephane Owusu-Sarpong, MD; **Luis F Colón, MD**; Quante Singleton, MD; Farah Musharbash, MD; Atahan Durbas, MD; Andrea Pezzi, MD; Adin Ehrlich, BS; Sereen Halayqeh, MD; James Dowdell, MD; Kyle Morse, MD; Francis Lovecchio, MD; Todd Albert, MD; Han Jo Kim, MD; Sheeraz Qureshi, MD, MBA, Sravisht Iyer, MD. Manuscript ID: SPINEE-D-25-00377
37. *Significant improvement through 1-year after single-level anterior lumbar interbody fusion with or without posterior instrumentation: a single institution experience.* Tejas Subramanian, Stephane Owusu-Sarpong, Sophie Kush, Adin Ehrlich, Tomoyuki Asada, Eric R. Zhao, Kasra Araghi, Takashi Hirase, Austin C. Kaidi, Gregory S. Kazarian, Farah Musharbash, **Luis Felipe Colón**, Adrian Lui, Atahan Durbas, Olivia Tuma, Pratyush Shahi, Kyle W. Morse, Francis Lovecchio, Evan D. Sheha, James Dowdell, Han Jo Kim, Sheeraz Qureshi, Sravisht Iyer. Manuscript ID: jcm-3631042
38. *Two-Level CDR Patients Return to Work Sooner than Two-Level ACDF Patients: A Matched Cohort-Analysis.* Sravisht Iyer, **Luis F Colón** et al. Manuscript ID: SPINE25-994.
39. *Relationship between paralumbar muscle assessment methods and spinal alignment in adult spinal deformity.* Donghua Huang, Austin Kaidi, Zhan Wang, Ning Zhang, Robert Uzzo, Michael Mazzucco, Andrea Pezzi, Atahan Durbas, Gabrielle Dykhouse, Tejas Subramanian, **Luis F Colón**, Stephane Owusu-Sarpong, Han Jo Kim, Francis Lovecchio. Submitted to GSJ. May 2025. Manuscript ID: GSJ-25-0670.R1
40. *Significant improvement through 1-year after single-level anterior lumbar interbody fusion with or without posterior instrumentation: a single institution experience.* E. Zhao, **L.F. Colón**, S. Iyer et al. Submitted to JNS. June 2025. Manuscript ID: SPINE25-841
41. *Comparison of Cervical Sagittal Alignment Between EOS and Conventional Standing Radiographs: Agreement, Variability, and Predictive Factors for Alignment Differences.* Sravisht Iyer, **Luis Colón** et al. Submitted to CSS. June 2025.
42. *Open versus MIS Transforaminal Lumbar Interbody Fusion (TLIF) – A Narrative Review.* **L.F.Colón**, S. Halayqeh, S. Qureshi. Submitted to AME Surgical Journal. June 2025. Manuscript ID: ASJ-25-62
43. *How Loud is Minimally Invasive Spine Surgery? Identifying Intraoperative Risk of Hearing Loss.* A. Erlich, **L.F.Colón**, S. Iyer. Manuscript ID: GSJ-25-0739
44. *Early Ambulation Distance Does Not Affect Long-Term Outcomes After Adult Spinal Deformity Surgery: a Nuanced Perspective on the Impact of Early Postoperative Ambulation.* E.Zhao, H.J. Kim, A. Kaidi, G.Kazarian, A.Durbas, S. Halayqeh, A.Pezzi, A.Lui, J.Mok, M. Dekhe, T.Asada, **L.F.Colón**, S.Owusu-Sarpong, Q.Singleton, F.Musharbash, J.Farmer, R. Huang, T.Albert, M.Cunningham, F.Lovecchio. Manuscript ID: SPINEE-D-25-00767

## Curriculum Vitae

45. *Does Preoperative Spinal Alignment Influence Surgical Outcomes When Postoperative Alignment and Fixation Strategies Are Matched in ASD Correction?* H.J. Kim, **L.F. Colón**, F. Lovecchio. Submitted to Spine.
46. *Beyond the ODI: a Qualitative Analysis of Why Patients Are Satisfied After Lumbar Surgery Despite Failure to Achieve MCID or PASS.* E.Zhao, **L.F.Colón**, S. Iyer. Submitted to Spine.
47. *Multidimensional Muscle Profiling Based on Machine Learning Outperforms Traditional Sarcopenia Metrics in Capturing Sagittal Malalignment in ASD Patients.* D.Huang, Z.Wang, M.Jian-Wen Chen, A. Bay, R.Uzzo, G.Dykhouse, A.Durbas, A.Pezzi, S.Owusu-Sarpong, **L.F.Colón**, K.Araghi, Q.Singleton, F.Musharbash, S.Halayqeh, M.Cunningham, H.J. Kim, F. Lovecchio. Manuscript ID: SPINEE-D-25-00799.

### Oral and Poster Presentations

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1. **L.F.Colón**, D.Miles, P.Nowotarski et al. *Does Local Antibiotic Powder Affect Nonunion Risk in Operatively Treated Tibial Plateau and Pilon Fractures?* Orthopaedic Research and Education Foundation (OREF) Southeast Resident Research Symposium, Virtual Presentation, October 2021. Awarded 2nd Place, invited to National Symposium.
2. **L.F.Colón**, D.Miles, P.Nowotarski et al. *Does Local Antibiotic Powder Affect Nonunion Risk in Operatively Treated Tibial Plateau and Pilon Fractures?* OREF Virtual National Resident Research Symposium, Virtual Presentation, November 2021.
3. D.Miles, **L.F.Colón**, P.Nowotarski et al. *Does Local Antibiotic Powder Affect Nonunion Risk in Operatively Treated Tibial Plateau and Pilon Fractures?* American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, IL. March 2022.
4. **L.F.Colón**, D.Miles, P.Nowotarski et al. *Does Local Antibiotic Powder Affect Nonunion Risk in Operatively Treated Tibial Plateau and Pilon Fractures?* Mid-America Orthopaedic Association 39th Annual Meeting, San Antonio, TX. April 2022.
5. **L.F.Colón**, C.Powell, R.Quigley et al. *Multi-Modal Perioperative Pain Regimen for Posterior Fusion in Adolescent Idiopathic Scoliosis.* 9th Annual Quality Improvement Patient/Safety Day, University of Tennessee Health Science Center College of Medicine in Chattanooga. May 13, 2022.
6. C.Garry, **L.F.Colón**, T.Goodwin, A.Wilson, V.deOlloqui, J.Major, P.Nowotarski, R.Alvarez. *The Effect of Cutting 3.5 mm Cortex Screws on Pullout Strength: A Biomechanical Study Using a Polyurethane Foam Model.* Presented in OTA. Oct 2022.
7. C.Garry, **L.F.Colón**, T.Goodwin, A.Wilson, V.deOlloqui, J.Major, P.Nowotarski, R.Alvarez. *The Effect of Cutting 3.5 mm Cortex Screws on Pullout Strength: A Biomechanical Study Using a Polyurethane Foam Model.* Presented at SOMOS. Dec 2022.
8. **L.F. Colón**, C. White, D.Miles, M.Scheinberg, O.Salazar, P.Patel, J.Miller. *Transversus Abdominis Plane block as Part of a Multimodal Analgesic Regimen in Patients Undergoing*

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*Anterior Lumbar Interbody Fusion: A Retrospective Cohort Study.* Presented at SOA. July 2023.

9. **L.F. Colón**, A. Bay, S. Owusu-Sarpong, K. Araghi, Q. Singleton, F. Musharbash, A. Durbas, J. Samuel, R. Knopp, R. Huang, J. Dowdell, J. Farmer, T. Albert, S. Iyer, S. Qureshi, E. Stein, H.J. Kim, F. Lovecchio. *Postoperative procollagen type 1 N-propeptide (P1NP) increase is associated with pseudarthrosis at one-year after anterior cervical discectomy and fusion (ACDF).* Presented at Spine Summit. Tampa, FL. February 22, 2025
10. **L.F. Colón.** *Introduction to Thoracolumbar Spinal Trauma.* MOI Global Neurosurgery Course: 11th Edition. March 25, 2025.
11. **L.F. Colón.** E. Zhao S. Iyer. *Development and Validation of a Novel Survey Measuring Lumbar Activity Levels: The Hospital for Special Surgery Core Health Evaluation – Lumbar Activity Rating Scale (HSS CHEV-LARS).* AO Spine NA: 23rd Annual Fellows Forum. March 28, 2025.
12. **L.F. Colón**, A. Bay, S. Owusu-Sarpong, K. Araghi, Q. Singleton, F. Musharbash, A. Durbas, J. Samuel, R. Knopp, R. Huang, J. Dowdell, J. Farmer, T. Albert, S. Iyer, S. Qureshi, E. Stein, H.J. Kim, F. Lovecchio. *Postoperative procollagen type 1 N-propeptide (P1NP) increase is associated with pseudarthrosis at one-year after anterior cervical discectomy and fusion (ACDF).* ISASS 2025. Miami, FL. April 11, 2025
13. **L.F. Colón**, F. Lovecchio, H.J. Kim et al. *The Impact of Bone Graft Volume on Risk of Pseudarthrosis, Screw Loosening, and Rod Breakage in Surgical Correction of Adult Spinal Deformity.* ISASS 2025. Miami, FL. April 12, 2025
14. **L.F. Colón.** T. Asada, E. Zhao, O. Tuma, A. Pezzi, K. Araghi, S. Halayqeh, A. Ehrlich, T. Harhash, A. Lui, R. Patel, S. Iyer, MD, S. Qureshi. E-Poster: *Is there a Benefit to Two versus One-Level MIS Decompression for Patients with Multi-Level Lumbar Spinal Stenosis?* ISASS 2025. Miami, FL. April 10-12, 2025
15. **L.F. Colón.** *Spinopelvic Dissociation.* Invited Lecture, Orthopaedic Department Grand Rounds. Rigshospitalet. Copenhagen, Denmark. September 4, 2025.

### Leadership and Committees

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American Medical Students Association (AMSA)

RCSI, Dublin, Ireland

- IT Officer 2015 – 2016
- Vice-President 2016 – 2017
- President 2017 – 2019

International Conference for Healthcare and Medical Students (ICHAMS)

RCSI, Dublin, Ireland

- Sponsorship Officer, ICHAMS 2017 2016 – 2017
- Chair, ICHAMS 2018 2017 – 2018
- Advisor, ICHAMS 2019 2018 – 2019

## Curriculum Vitae

Clinical Learning Environmental Review (CLER)  
Erlanger Hospital, Chattanooga, TN, US  
▪ Program Staff

2021 – 2024

### Previous Work Experience

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AFC Urgent Care (Moonlighting)  
East Tennessee  
Positions: MD Provider  
May 2023 – June 2024

Spine Specialists of Louisiana/Our Lady of the Lake Regional Medical Center  
Baton Rouge, LA  
Positions: Research Assistant, Scribe  
June – August 2017

Bone and Joint Clinic of Baton Rouge  
Positions: Medical Assistant, Medical Translator, and MRI Technician Assistant  
July 2011 – July 2015

Our Lady of the Lake Regional Medical Center  
Position: Medical Scribe in the Emergency Department  
August 2010 – October 2012  
Southern Medical Corporation  
Position: EKG Technician  
August 2010 – January 2011

### Mission (Pro-Bono) Experience

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Global Medical Brigades  
Louisiana State University  
August 2013 – May 2014

International Service Learning (ILS) Medical Mission Trip  
Pochocuape, Nicaragua  
May – June 2014

The Tanzania Neurosurgery Project: Global Collaborations  
Muhimbili Orthopaedic Institute  
Dar es Salaam, Tanzania, Africa  
March 2025

### Continuing Medical Education

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Student Audit and Research in Surgery (STARSurg) Research Skills Course.  
Awarded at the RCSI, Dublin, Ireland. September 22, 2015

## Curriculum Vitae

Program for Improvement in Medical Education (PRIME)  
Awarded at the RCSI, Dublin, Ireland. September 7, 2016

National Research Collaborative Meeting 2017  
Birmingham, United Kingdom. November 30, 2017

AO Trauma Basic Principles of Fracture Management  
Charlotte, NC, USA. January 16-19, 2020

AAOS/AAHKS/HS/KS Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents  
Rosemont, IL. July 9-11, 2021

31st Annual Baltimore Limb Deformity Course  
Baltimore, MD. August 4-7, 2021

Posterior Cervical Endoscopy Course and Lab  
Minneapolis, MN. June 9, 2022

Pre-Fellows: Making the Most Out of Your Spine Fellowship  
Raynham, MA. July 15-16, 2022

MERC: Latest Trends and Innovations in Spine Surgery Cadaveric Training Program  
Audubon, PA. September 10, 2022

North American Spine Society Annual Meeting 2022  
Chicago, IL. October 12-15, 2022  
MERC: Complex Fractures of the Lower Extremity Cadaveric Program  
Phoenix, AZ. February 25, 2023

AO Trauma Advanced Principles of Fracture Management  
New Orleans, LA. May 19-21, 2023

AOA C. McCollister Evarts Resident Leadership Forum  
Salt Lake City, UT. June 12-15, 2023

14th Annual Seattle Science Foundation Residents & Fellows Course  
Seattle, WA. August 11-12, 2023

28th Annual Instructional Course; Cervical Spine Research Society (CSRS)  
Las Vegas, NV. November 29, 2023

51st CSRS Annual Meeting  
Las Vegas, NV. November 30 – December 2, 2023

Spine Evolutions: Presenting the Future of Endoscopic Spine and Orthobiologics  
Naples, FL. January 5-6, 2024

Spine: Base to Summit

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Vail, CO. January 12-15, 2024

AAOS 2024 Annual Meeting  
San Francisco, CA. February 12-15, 2024

Endoscopic Approaches to the Spine – Cadaver Lab  
Naples, FL. May 10-11, 2024

Society of Minimally Invasive Spine Surgery Annual Forum  
Las Vegas, NV. September 5-8, 2024

3rd Annual Deformity Symposium  
La Jolla, CA. November 22-23, 2024

10<sup>TH</sup> Annual International Spinal Deformity Symposium  
New York, NY. December 6-7, 2024

Spine: Base to Summit  
Vail, CO. January 17-20, 2024

Spine Summit Annual Meeting  
Tampa, FL. February 20-22, 2025

Atec Deformity Fellows Course  
Encinitas, CA. February 28-March 2, 2025

MOI Global Neurosurgery Course: 11th Edition  
Dar es Salaam, Tanzania, Africa. March 24-25, 2025

AO Spine NA: 23rd Annual Fellows Forum  
Banff, Calgary, Canada. March 27-30, 2025

International Society for the Advancement of Spine Surgery Annual Conference  
Miami, FL. April 10-12, 2025

David B. Levine, MD, HSS Spine Symposium  
New York, NY. June 6, 2025

Atec Advanced Deformity Fellows Course  
Encinitas, CA. June 20-21, 2025

The State of Spine Surgery Think Tank and Summit  
San José del Cabo, Mexico. June 26-28, 2025

## Curriculum Vitae

### Personal References

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