

Domingo Molina IV, M.D.

EMPLOYMENT

United States Navy 10/00-07/06

Dental Technician/Oral and Maxillofacial Surgical Technician
Petty Officer Third Class (Enlisted Surface Warfare Specialist)

University of Kentucky 06/14 – 07/19

Orthopaedic Surgery Resident
Department of Orthopaedic Surgery and Sports Medicine

Texas Back Institute 08/19-07/20

Orthopaedic Surgery Spine Fellow

Springfield Orthopaedics and Sports Medicine 08/20-Present

Orthopaedic Spine Surgeon

UNDERGRADUATE EDUCATION

University of Texas Pan-American, Edinburg, TX 08/06-06/10

BS in Biology (cum laude), Minor in Chemistry
Graduated with honors

GRADUATE EDUCATION

University of Texas Medical Branch, Galveston, TX 08/10-06/14

M.D.

POST-GRADUATE TRAINING

University of Kentucky, Lexington, KY 06/14-07/19

Orthopaedic Surgery Resident

ABOS Board Eligible Part I-PASS 09/2019

Texas Back Institute, Plano, TX 08/2019-Present

Orthopaedic Spine Surgery Fellow

PROFESSIONAL COURSES ATTENDED

AO Basic Fracture Course 04/15

ICJR Resident Arthroplasty Course 05/16

American Association Hip and Knee Surgeons Resident Arthroplasty Course 11/16

Depuy Synthes Future Leaders Spine Symposium Management of Adult Deformity 04/18

Advanced Trauma Life Support Instructor Course 10/18

Synthes Future Leaders Pre-fellow spine course 08/19

Joimax 1-2 Endoscopic Spine Surgery Workshop 06/21

PROFESSIONAL MEMBERSHIPS

American Academy of Orthopaedic Surgeons 2010 – Present

American Association of Hip and Knee Surgeons 2016 – 2018

North American Spine Society 2017 – Present

PROFESSIONAL COMMITTEES

Orthopaedic Research Society National Membership Committee 2012-2014
Position: Member

HONORS AND AWARDS

Thomas Brower Visiting Professor Research Award 2016
University of Kentucky

EDITORIAL CONSULTANT/REVIEWER

The Spine Journal-reviewer 2018-Present

RESEARCH AND PUBLICATIONS

Journal Articles:

1. Panchbhavi VK, **Molina IV D**, Villarreal J, Curry MC, Andersen CR. Three-dimensional, digital, and gross anatomy of the lisfranc ligament. *Foot and Ankle International*. 2013; 34 (6): 876-80.
2. Luo M, Li CC, **Molina IV D**, Andersen CR, Panchbhavi VK. Accuracy of citation and quotation in foot and ankle surgery journals. *Foot and Ankle International*. 2013; 34 (7): 949-55.
3. Panchbhavi VK, Boutris N, Patel K, **Molina IV D**, Andersen CR. CT density analysis of the medial cuneiform. *Foot and Ankle International*. 2013; 34 (11): 1596-9.
4. Aneja A, Luo TD, Liu B, **Molina IV D**, Danelson K, Halvorson JJ, Carroll EA. Anterolateral distal tibia locking plate osteosynthesis and their ability to capture OTAC3 pilon fragments. 2017. *Injury*; Epub ahead of print.
5. Jacobs CA, Burnham JM, Jochimsen K, **Molina IV D**, Hamilton DA, Duncan ST. Preoperative symptoms in femoroacetabular impingement patients are more related mental health scores than the severity of labral tear or magnitude of bony deformity. *Journal of Arthroplasty*. 2017; 32 (12).
6. Dittmer A, **Molina IV D**, Walker J, Cale J, Muchow R. Pediatric forearm fractures are effectively immobilized in the sugar tong splint. *Journal of Pediatric Orthopaedics*.
7. Grothaus O, **Molina IV D**, Jacobs C, Iwinski H, Talwalkar V, Muchow R. Is it Growth or Natural History? Increasing Spinal Deformity after Sanders Stage 7 in Females with AIS. *J Pediatr Orthop*. 2020 Mar;40 (3):e176-e181

Book Chapters:

1. Kamineni S, **Molina IV D**. Lateral Elbow Pain. Randelli, Pietro. *Arthroscopy Basic To Advanced*. Romano, Italy: Springer, 2016: 703-12.

Abstracts and Research Presentations:

1. *A new method of measurement for the first metatarsophalangeal angle.* National Student Research Forum. Poster Session, Galveston, TX 2011.
2. *A new method of measurement for the first metatarsophalangeal angle.* Medical Student Summer Research Program. Poster Session, Galveston, TX 2011.
3. *Three-dimensional modeling of screw placement at the tarsometatarsal joint.* Orthopaedic Research Society Annual Meeting. Podium presentation, San Francisco, CA 2012.
4. Orthopaedic Trauma Association Annual Meeting. Poster presentation, Minneapolis, MN 2012
 - a. Three dimensional, digital, and gross anatomy of the Lisfranc ligament
 - b. CT analysis of medial cuneiform density
5. *Pediatric forearm fractures are effectively immobilized in the sugar tong splint.* Presentation. Thomas Brower Visiting Professor Symposium. 06/2016.
6. *Pediatric forearm fractures are effectively immobilized in the sugar tong splint.* Presentation. Kentucky Orthopaedic Society Meeting. 09/2016.
7. *Preoperative symptoms in FAI patients are more related to mental health scores than the severity of labral tear or chondral lesion.* Podium presentation. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, TX. 11/2016.
8. *Anterolateral distal tibia locking plate osteosynthesis and their ability to capture OTAC3 pilon fragments.* Presentation. Thomas Brower Visiting Professor Symposium. 06/2017.
9. *Anterolateral distal tibia locking plate osteosynthesis and their ability to capture OTAC3 pilon fragments.* Presentation. Kentucky Orthopaedic Society Meeting. 09/2018.
10. *Is spinal growth finished at sanders stage 7 in females with adolescent idiopathic scoliosis?* Paper presentation. AAOS annual meeting 2019.

LECTURES:

1. *Spine surgery and the opioid epidemic: finding solutions through multimodal pain management.* Grand Rounds Presentation. University of Kentucky Orthopaedic Department. 09/2018