

# Casey A Slattery M.D.

Orthopaedic Specialties Institute

---

---

## EDUCATION

---

<b>Orthopedic Specialty Institute (OSI)/Hoag Orthopedic Institute (HOI) - Irvine, CA</b> <i>Spine Surgery Fellow</i>	<b>2024 - 2025</b>
<b>University of New Mexico, Department of Orthopedic Surgery – Albuquerque, NM</b> <i>Orthopedic Surgery Resident</i>	<b>2019 – 2024</b>
<b>University of Washington, School of Medicine – Seattle, WA</b> <i>Doctor of Medicine</i>	<b>2014 - 2019</b>
<b>University of Denver, Division of Natural Sciences – Denver, CO</b> <i>Bachelor of Science –Biology, Chemistry, Physical Medicine GPA – 3.95</i>	<b>2011 - 2014</b>

## RESEARCH EXPERIENCE

---

<b>Spine Surgery Research – Albuquerque, NM</b> <i>Univ. New Mexico Dept. of Orthopedics</i> <ul style="list-style-type: none"><li>• Particular interest in indirect decompression using minimally invasive techniques.</li></ul>	<b>2019 - 2024</b>
<b>Spine Surgery Research Internship – Seattle, WA</b> <i>Univ. Washington Dept. of Orthopaedics and Sports Medicine</i> <ul style="list-style-type: none"><li>• Organized research meetings, designed and carried through projects, wrote manuscripts<ul style="list-style-type: none"><li>– <i>Nine accepted publications</i></li></ul></li><li>• Received a scholarship to attend UCSF 2017 spine conference and cadaver course.</li></ul>	<b>2017 - 2019</b>
<b>Sports Medicine Research Internship – Seattle, WA</b> <i>Univ. Washington Dept. of Orthopaedics and Sports Medicine</i> <ul style="list-style-type: none"><li>• Paid research internship centered around cost efficiency and value-based medicine within orthopedic sports medicine.</li><li>• Organized research meetings, designed and managed projects, wrote manuscripts<ul style="list-style-type: none"><li>– <i>Five accepted publications</i></li></ul></li></ul>	<b>2017 - 2019</b>
<b>Management of Blunt Liver Trauma – Seattle, WA</b> <i>Univ. Washington Dept. of Surgery</i> <ul style="list-style-type: none"><li>• Clinical outcomes between operative and non-operatively treatment<ul style="list-style-type: none"><li>– <i>Two poster presentations</i></li></ul></li><li>• Built a data set for future studies</li></ul>	<b>2015 - 2017</b>
<b>Summer Undergraduate Research Program (SURP) – Omaha, NE</b> <i>Univ. Nebraska Medical Center Dept. of Rheumatology</i> <ul style="list-style-type: none"><li>• Clinical and laboratory research on a novel biomarker for Systemic Lupus Erythematosus<ul style="list-style-type: none"><li>– <i>Poster Presentation</i></li></ul></li></ul>	<b>2012</b>

## HONORS & AWARDS

---

<b>Western Orthopedic Association Resident Research Award</b> <ul style="list-style-type: none"><li>• Finalist research award at annual conference</li></ul>	<b>2024</b>
<b>Codman Award</b> <ul style="list-style-type: none"><li>• Academic contributions to orthopedic surgery</li></ul>	<b>2019</b>
<b>UCSF Spine conference Award</b>	<b>2017</b>
<b>Service award</b>	<b>2015</b>
<b>Summa Cum Laude</b>	<b>2014</b>

## Casey Slattery, MD

**Phi Beta Kappa** 2014

### SERVICE & LEADERSHIP

---

**Carrie Tingley Outreach – New Mexico** 2019 - 2024

- Outreach trips to underserved areas throughout New Mexico for all pediatric orthopedic conditions

**Volunteering at Outdoors for All Foundation – Summit at Snoqualmie, WA** 2018

**Global Spine Outreach – Cali, Colombia** 2017

- Participated in a 10-day volunteer outreach trip helping children with complex spine deformities.
- Assisted with surgeries and various clinical responsibilities

**Orthopaedic Surgery and Sports Medicine Interest Group – Seattle, WA** 2014 – 2019

**Seattle Marathon Volunteer – Seattle, WA** 2016

**Medical School Q&A for High School Students – Laramie and Gillette, WY** 2015 – 2016

**Low-Income Diabetes Education Clinic – Laramie, WY** 2014 – 2015

### ORGANIZED ACTIVITIES

---

**University of Denver Rugby – Denver, CO** 2011 - 2014

*Captain, President*

- 3<sup>rd</sup> and 4<sup>th</sup> place finishes in national championship. Final Four two-time All-Star team. Nine-time “Man of the Match” recipient, DU season “MVP” and “Most Valuable Forward” recipient.
- Selected for the National All-American Team - 2014

**Junior A Hockey – Dallas, TX and Boston, MA** 2008 - 2010

*Captain, Assistant Captain*

- Finished 2<sup>nd</sup> place in national championships in 2009

### WORK EXPERIENCE

---

**Orthopedic Spine Surgeon – Orange, CA** 2024 - Present

*Orthopedic Specialty Institute*

**University of New Mexico, Department of Orthopedic Surgery – Albuquerque, NM** 2019 – 2024

*Orthopedic Surgery Resident*

**Sports Medicine Research Internship – Seattle, WA** 2017 - 2019

*Univ. Washington Dept. of Orthopaedics and Sports Medicine*

**Student Athlete Tutor – Denver, CO** 2012 - 2014

*University of Denver Athletics Department*

**Certified Welder and Field Contractor – Gillette, WY** 2008 - 2014

*Field Service at L&H Industrial*

- Worked as a field contractor to local coal mines to repair and build large mining equipment.
- Welding, machining, and metal fabricating
- Worked one full year of work prior to college and during breaks throughout college

### INTERESTS

---

- Golf
- Ice Hockey
- Sand Volleyball
- Reading
- Fitness
- Health and Wellness
- Metal fabrication
- Hunting/fishing

**PEER REVIEWED PUBLICATIONS**

---

*Manuscripts*

1. Bawahab A, Karlen L, **Slattery C**, Verma K. Retrograde Ejaculation after Anterior Lumbar Fusion Resolved with a Plant-Based Diet: Case Report and Discussion. *International Journal of Case Reports*, 2023
2. **Slattery C**, Richter D. Does Acute Sleep Changes Effect Susceptibility to Injury: Daylight Savings Time and Effects on Low Impact Injuries. *WJO* 2022
3. **Slattery C**, Clinger B, Silva S. Anterior Tibialis Tendon Transfer into Non-Ossified Lateral Cuneiform for Clubfoot Rebalancing. *WJO* 2022
4. **Slattery C**, Bawahab A, Verma K. Upper Instrumented level selection in adult deformity surgery. *Seminars in Spine Surgery*, 2021 33:4.
5. **Slattery C**, Bawahab A, Verma K. Distal Instrumented level selection in adult deformity surgery. *Seminars in Spine Surgery*, 2021 33:4.
6. Lonner B, Verma K, Roonprapunt C, Ren Y, **Slattery C**, Alanay A, Kassin G, Castillo A, Bazerbashi M, Buehler MA, Kodigudla MK, Kelkar AV, Serhan H, Goel V. The Transverse Process Trajectory Technique: An Alternative for Thoracic Pedicle Screw Implantation-Radiographic and Biomechanical Analysis. *Int J Spine Surg*. 2021 Apr;15(2):315-323.
7. **Slattery C**, Yao J, Cizik A, Hagen MS, Gee AO, Kweon C. Cost Analyses of Nonoperative Treatment of Sports-Medicine Conditions Are Lacking. *Western Journal of Orthopaedics*. 2020;9:48-54.
8. **Slattery C**, Hagan MS. Cizik A, Gee AO, Kweon C. Systematic Review of Cost-Effective Analyses in Sports Medicine from 2014 to 2020. *Western Journal of Orthopaedics*. 2020;9:24-30.
9. Gendelberg D, **Slattery C**, Verma K. Guidelines on How to Perform a Meta-Analysis in Spine Surgery: Strengths and Weaknesses of Design. *Clin Spine Surg*. 2019 Feb;32(1):30-31.
10. Verma K, **Slattery C**, Boachie-Adjei O. What's Important: Surgeon Volunteerism: Experiences with FOCOS in Ghana. *J Bone Joint Surg Am*. 2019 May 1;101(9):854-855
11. **Slattery C**, Kark J, Wagner T, Verma K. The Use of Tranexamic Acid to Reduce Surgical Blood Loss: A Review Basic Science, Subspecialty Studies, and The Evolution of Use in Spine Deformity Surgery. *Clin Spine Surg*. 2019 Mar;32(2):46-50.
12. **Slattery C**, Verma K. Outcome Measures in Adult Spine Surgery: How Do We Identify the Outcomes of Greatest Utility for Research? *Clin Spine Surg*. 2019 May;32(4):164-165.
13. **Slattery C**, Sokol S, Verma K. Understanding Classification Systems in Spine Deformity. *J Clinical Spine Surg*. 2019 Mar;32(2):64-66
14. **Slattery C**, Kweon C. Classifications in Brief: Outerbridge Classification of Chondral Lesions. *Clin Orthop Relat Res*. 2018 Oct;476(10):2101-2104
15. **Slattery C**, Verma K. Classification in Brief: Lenke Classification for Adolescent Idiopathic Scoliosis. *Clin Orthop Relat Res*. 2018 No;476(11):2271-2276
16. **Slattery C**, Verma K. Classification in Brief: SRS-Schwab Classification of Adult Spinal Deformity. *Clin Orthop Relat Res*. 2018 Sep;476(9):1890-1894
17. Verma K, **Slattery C**, Duah H, Yankey KP, Mundis G, Boachie-Adjei O. Comprehensive Assessment of Outcomes from Patients with Severe Early Onset Scoliosis Treated with a Vertebral Column Resection: Results from an SRS Global Outreach Site (FOCOS) in Ghana. *J Ped. Orthop*. 2018

## Casey Slattery, MD

18. **Slattery C**, Kovalenko B, Verma K. Congenital Anterior Shoulder Dislocation in a Newborn treated with Closed Reduction. *Radiology Case Reports*. 2018.
19. **Slattery C**, Verma K, Rios F, Mundis GM, Boachie-adjel O, Rinella A. Approaching Spine Research in an Outreach Setting – What Type of Infrastructure is Conducive for Conducting Research? *J Clinical Spine Surg*. 2018.
20. **Slattery C**, Kweon C, Hagen M, Gee A, Williamson R. Comparison of Medial and Lateral Posterior Femoral Condyle Articular Cartilage Wear Patterns. *The Knee*. 2018.

### **Book Chapters**

1. **Slattery C**, Verma K, Sokol S, Berven S. Sagittal Plane Malalignment and Degenerative Scoliosis in the Aging Spine. Spine Surgery in an Aging Population: Surgical and Non-Surgical Options. In: Brooks N, Strayer A, ed. *Spine Surgery in an Aging Population: Surgical and Non-Surgical Options*. New York, NY: Thieme; 2019.

### **Submitted Manuscripts/Presentations**

1. Slattery C, Smith J, White J, Deckey J, Alexander G. Multi-level ACDF Fusion Rates Comparing Allograft, PEEK, and Titanium Cage Constructs. *Spine* 2025
2. Caballero J, Slattery C, Smith J, White J, Deckey J. Lateral and Posterior Approaches to Multilevel Lumbar Interbody Fusion: A Systematic Review and Meta-Analysis. *Spine* 2025
3. **Slattery C**, S Oloyede MD, K Larsen MD, U Modhia MD, A Paterson MD, U Metkar MD. “Quantified MRI Measurements Show the Significance of Indirect Decompression in the Lumbar Spine.” *European Spine* 2024
4. Verma K, **Slattery C**, Tay B, Burch S, Berven S, Deviren V. Multilevel Stand Alone Anterior Interbody Fusion: A Comprehensive Assessment of Radiographic, Operative, and Clinical Outcomes with up to Two Years Follow-up. *Int J Spine Surg*. 2022

### **Presentations**

1. **Slattery C**, S Oloyede MD, K Larsen MD, U Modhia MD, A Paterson MD, U Metkar MD. “Quantified MRI Measurements Show the Significance of Indirect Decompression in the Lumbar Spine.” *Western Orthopedic Association Annual conference*. Huntington Beach, CA 2024
2. **Slattery C**, S Oloyede MD, K Larsen MD, U Modhia MD, A Paterson MD, U Metkar MD. “Quantified MRI Measurements Show the Significance of Indirect Decompression in the Lumbar Spine.” *UNM Alumni Conference*. Albuquerque, NM 2024
3. **Slattery C**. “Technology Trends: Shaping the future of Orthopedics: part 1.” *UNM orthopedic Grand Rounds Series*. Albuquerque, NM 2023
4. **Slattery C**. “Technology Trends: Shaping the future of Orthopedics: part 2.” *UNM orthopedic Grand Rounds Series*. Albuquerque, NM 2023
5. Clinger B, **Slattery C**, Silva S. Pediatric Elbow Fractures: Correct Diagnosis and Treatment among Residents of Various Specialties. *WOA*. Hawaii 2022
6. **Slattery C**, Hagen MA, Gee AO, Kweon CY. “Initial Evaluation by an Orthopaedic Surgeon is Associated with Faster Diagnosis of Acute ACL Injuries.” *AOSSM*. Seattle, WA. 2020
7. **Slattery C**, Cook S, Brynes T, Hagen M, Gee A, Kweon C. “Increased Costs and Health Care Utilization Associated with Delay in Diagnosis of ACL Injuries.” *AOSSM*. Seattle, WA. 2020

Casey Slattery, MD

8. **Slattery C**, Hagen M, Gee A, Kweon C. “Factors Associated with Delay in Diagnosis of ACL Injuries.” *WOA*. Monterey, CA. 2019
9. **Slattery C**, Aarabi S, Mandell S, Foy H, O’Keefe G. “Effective Non-Operative Management of Severe Blunt Liver Trauma.” *Western Medical Research Conference*. Carmel, CA. 2016
10. **Slattery C**, Aarabi S, Mandell S, Foy H, O’Keefe G. “Effective Non-Operative Management of Severe Blunt Liver Trauma.” *UWSOM Medical Student Research Conference*. Seattle, WA. 2015
11. **Slattery C**, Yu Y, Su K, O’Dell JR, Klassen LW, Luyo E, Then J, Tineo C, Gomez P, Hearth-Holmes M. “A Novel Biomarker: Nucleotide-binding Oligomerization Domain 27 in a Systemic Lupus Erythematosus Cohort in the Dominican Republic.” *SURP Research Conference*. Omaha, NE. 2012