

F. Andrew Rowan M.D.

PROFESSIONAL EXPERIENCE

Indiana University Health Assistant Professor, Orthopedics & Spine Surgery	November 2017- Present
University of California, Davis Clinical Fellow, Spine Surgery	August 2016 – July 2017
University of Arizona Orthopedic Surgery Resident, □ Chief Resident 2015-2017	July 2012 – June 2016
University of California, San Francisco Intern, Department of Surgery	July 2011 – June 2012
Case Western Reserve University, Dept of Anatomy Anatomy Teaching Assistant	July 2009 – November 2009
Cleveland Clinic Foundation, Cleveland OH Grant Funded Research	May - August 2008
Youth Tennis Advantage, Oakland CA Interim Executive Director	April - July 2007
R. Thomas Grotz, Inc., San Francisco CA Orthopedic Medical Assistant	April 2006 – April 2007
OHKA America- Hillsboro, OR Lab Technician	September - December 2005
Barkan Lab, University of Oregon- Eugene, OR Student Researcher, Institute of Molecular Biology	September 2002- January 2004

CERTIFICATES & LICENSURE

- Medical License, State of Indiana
- October 2017 – Present
 - License number: 0107929A
- Board Certification
- American Board of Orthopedic Surgeons, August 2019 - Present

EDUCATION

Case Western Reserve University

School of Medicine, Cleveland OH Graduated May, 2011

- M.D., 2011
- M.S., Applied Anatomy, 2011

University of Oregon

Robert D. Clark Honors College, Eugene OR Graduated June, 2004

- B.S. with Honors, Chemistry
- B.S. with Honors, Biology: Molecular/Cellular Focus
- Minor in Mathematics

PROFESSIONAL HIGHLIGHTS

- Program Chairman, 2024 Indiana Orthopedic Society Meeting

ACADEMIC HIGHLIGHTS & AWARDS

- Chief Resident, Orthopedic Surgery 2015-2016
- NIH T-35 Research Grant, Summer 2008
- Pfizer Summer Undergraduate Research Fellowship Award, Summer 2003
- American Chemical Society Analytical Chemistry Award, 2004
- University of Oregon Dean's List, Spring 2001 and Winter 2002
- Thesis Honors, University of Oregon Robert D. Clark Honors College 2004

PUBLICATIONS & PRESENTATIONS

BOOK CHAPTERS

1. Shridharani S and Rowan FA, Cervical Laminectomy with and without Fusion, in: Handbook of Spine Surgery, 2nd edition, Baaj AA et al Eds. Thieme, 295-301, 2016
2. Rowan FA, Eleswarapu AS, and Klineberg EO, Medical Complications, in: Cervical Deformity Surgery, 1st edition, Ames C et al Eds. Thieme, 144-146, 2019

PUBLICATIONS

1. Sarac TP, Bannazadeh M, Rowan FA. Comparative Predictors of Mortality for Endovascular and Open Repair of Ruptured Infrarenal Abdominal Aortic Aneurysms. Ann VascSurg; 25(4): 461-8
2. Eubanks JD, Belding J, Schnaser E, Rowan FA, et al. Congenital Stenosis and Adjacent Segment Disease in the Cervical Spine. Orthopedics 2013; 36(10): 1251-5
3. Gimber LH, Scalcione LR, Rowan FA, Hardy JC, Melville DM, Taljanovic MS. Multiligamentous Injuries and Knee Dislocations. Skeletal Radiology. 2015;44(11):1559-72
4. Gimber LH, Hardy JC, Melville DM, Scalcione LR, Rowan FA, Taljanovic MS. Normal Magnetic Resonance Imaging Anatomy of the Capsular Ligamentous Supporting Structures of the Knee. Can Assoc Radiol J. ePub 21 May 2016
5. Rowan FA, Marshall T, Gombosh MR, Farrow LD. Utilization of Osseous Landmarks for Anatomic Anterior Cruciate Ligament Femoral Tunnel Placement. Journal of Knee Surgery. Published ahead of print, 2016

6. Eleswarapu, A., Rowan, F. A., Roberto, R. F., Javidan, Y., & Klineberg, E. O. (2017). Sarcopenia is Associated with Proximal Junctional Disease following Adult Spinal Deformity Surgery. *The Spine Journal*, 17(10), S113.
7. Klineberg, E. O., Roberto, R. F., Gupta, M. C., Rowan, F. A., Eleswarapu, A., & Javidan, Y. (2017). Efficacy and Cost of a Novel DBM Compared to rhBMP-2 in Instrumented Lumbar Spine Fusion. *The Spine Journal*, 17(10), S179.
8. Roberto, R. F., Rowan, F. A., Nallur, D., Durbin-Johnson, B., Javidan, Y., & Klineberg, E. O. (2021). Povidone-iodine irrigation combined with Vancomycin powder lowers infection rates in pediatric deformity surgery. *Spine deformity*, 9(5), 1315-1321.
9. Eleswarapu, Ananth, et al. "Efficacy, cost, and complications of demineralized bone matrix in instrumented lumbar fusion: comparison with rhBMP-2." *Global spine journal* 11.8 (2021): 1223-1229.
10. Eleswarapu, A., O'Connor, D., Rowan, F. A., Van Le, H., Wick, J. B., Javidan, Y., ... & Klineberg, E. O. (2022). Sarcopenia is an independent risk factor for proximal junctional disease following adult spinal deformity surgery. *Global Spine Journal*, 12(1), 102-109.

PRESENTATIONS

1. Bannazadeh M, Rowan FA, Kashyap VS, Bena J, Sarac TP, Clair D. Identification of the Ideal Bioabsorbable Material and Solute for a Bioabsorbable Self Expanding Stent. Oral Presentation Midwestern Vascular, 2009. Presented by Mohsen Bannazadeh Awarded the 2009 Charles C. Guthrie Award for Basic Science Research.
2. Bannazadeh M, Sarac T, Rowan FA, Kashyap V, Bena J, Clair D. EVAR vs. Open Surgery for Ruptured Abdominal Aortic Aneurysms Society for Clinical Vascular Research, March 2009
3. Wish-Baratz S, Rowan FA. Anatomical Knowledge: Preparedness for the Clerkship Years. Harvard Macy Institute Research day, May 2011
4. Gordon ZG, Rowan FA, Furey CG. Seven Year Clinical and Radiographic Results of Decompressed But Unfused Adjacent Lumbar Segments. AAOS 2012 Podium presentation by Z. Gordon
5. Gimber LH, Scalcione LR, Rowan A, Hardy JC, Taljanovic MS. Diagnosis and management of acute knee dislocations. ARRS 2013.
6. Rowan FA, DeSilva GD, Smith JL. Reamer Irrigator Aspirator as a Novel Source of Autogenous Bone Graft for Traumatic Bone Defects of the Upper Extremity: A Case Series. Poster Presentation, American Society for Surgery of the Hand Annual Meeting
7. Rowan FA, Hardy J, Prevalence of Previously Reconstructed Anterior Cruciate Ligament Tears Among Professional Football Players. Poster Presentation, ICJR Transatlantic Orthopedic Congress. New York, 2014
8. Rowan FA, DeSilva GD, Smith JL. Reamer Irrigator Aspirator as a Novel Source of Autogenous Bone Graft for Traumatic Bone Defects of the Upper Extremity: A Case Series. Poster Presentation, Pan Pacific Orthopedic Congress, Maui 2015
9. Ortega G, Lawson KA, Hardy JC, DeSilva GL, Rowan FA. Nonsteroidal Anti-Inflammatory Drugs Effect on Cartilage and the Chondrocyte. Poster Presentation, Western Orthopaedic Association, 2015

10. Kierstead JD, Matthews JR, Crisp G, Rowan FA, Dohm MP. Reliability of Internet Resources for Total Knee Arthroplasty. Poster Presentation, Western Orthopaedic Association, 2015
11. Kierstead JD, Matthews JR, Crisp G, Rowan FA, Dohm MP. Comparing Internet Resources for Knee Replacement and Shoulder Replacement Surgeries. Poster Presentation, Western Orthopaedic Association, 2015
12. Morin M, Rowan FA, Ortega G, Truchan LM. RIA For Upper Extremity Nonunion and Segmental Bone Loss. Poster Presentation, Western Orthopaedic Association, 2015
13. Rowan FA, Kierstead JD, Wharton M, Truchan LM. Major Complications Following Use of the Reamer Irrigator Aspirator. Arizona Orthopedic Society, Podium Presentation 2015