

Curriculum Vitae
Ryan Allan Nelson D.O.
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Contact Information:

- Greater Michigan Orthopedics
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Education:

- B.S. **University Of Michigan** Completed Biology Degree December 2006.
- D.O. **Chicago College of Osteopathic Medicine**, Downers Grove, IL. Completed Doctor of Osteopathic Medicine May 2011.

Post Graduate Education and Training:

- Residency **Genesys Regional Medical Center**, Grand Blanc, MI. Department of Orthopedics. Completed June 2016.

Fellowship:

- **New England Baptist Hospital**, Boston, MA. Anticipated completion July 2017.
 - Team affiliations: Boston Celtics, Harvard athletics, Tufts athletics, Merrimack athletics, Boston Ballet, Boston Cannons

Medical Licensures:

- Michigan (5101019410)

Examinations:

American Osteopathic Academy of Orthopedics Board Certified 12/2019

Professional Society Memberships:

- American Academy of Orthopedic Surgeons 2011-present
- American Osteopathic Academy of Orthopedics 2011-present
- American Orthopedic Society for Sports Medicine 2015-present
- Arthroscopy Association of North America 2015-present
- American Shoulder Elbow Society 2020-present
- American Osteopathic Association 7/2007-present
- Michigan Orthopedic association 2011-present
- Michigan Medical Association 2011-present

Honors and Awards:

- Chief Resident Genesys Regional Medical Center 2015-2016
- Outstanding Leadership and Service Award; Midwestern University 2008-2009
- Second Place Research poster Michigan Medical Society 2013
- Second Place Paper Presentation Michigan State University Research Day 5/2016
- First Place Paper-New England Shoulder Elbow Society 2/2017

Administrative Service:

- Residency Faculty- Genesys Regional Medical Center 2017-present
- Arthroscopy Journal Reviewer 2017-present
- Tufts Medical School-Clinical Instructor of Orthopaedic Surgery 2016-2017
- Michigan State University College of Osteopathic Medicine— Clinical faculty 2013-2016
- Illinois Osteopathic Medical Society – Education Committee member 2008-2011

Peer Reviewed Papers

- McCoy JS, **Nelson R**. Avulsion Fractures. 2020 Aug 10. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32644594.
- Gilbert GM, **Nelson R**. Anatomy, Shoulder and Upper Limb, Anterior Humeral Circumflex Artery. 2020 Aug 10. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32491815.
- Meyers AL, Woodbury MP, **Nelson RA**. Orthopedic Manifestations of Lead Toxicity. *Orthopedics*. 2020 Jul 1;43(4):e202-e207. doi: 10.3928/01477447-20200415-06. Epub 2020 Apr 23. PMID: 32324246.
- Meyers AL, **Nelson R**. Tibial Eminence Fractures. 2020 Jun 30. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32310468.
- Patel M, **Nelson R**. Genu Valgum. 2020 Jun 13. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32644670.
- Schultz KA, **Nelson R**. Superior Labrum Lesions. 2020 May 21. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32491594.
- **Nelson R**, Lowe JT, Lawler SM, Fitzgerald M, Mantell MT, Jawa A. Lateralized Center of Rotation and Lower Neck-Shaft Angle Are Associated With Lower Rates of Scapular Notching and Heterotopic Ossification and Improved Pain for Reverse Shoulder Arthroplasty at 1 Year. *Orthopedics*. 2018 Jul 1;41(4):230-236. doi: 10.3928/01477447-20180613-01. Epub 2018 Jun 18. PMID: 29913030.
- Fitzgerald M, Lawler SM, Lowe JT, **Nelson R**, Mantell MT, Jawa A. Computed tomography underestimates rotator cuff pathology in patients with glenohumeral osteoarthritis. Fitzgerald M, Lawler SM, Lowe JT, Nelson R, Mantell MT, Jawa A. *J Shoulder Elbow Surg*. 2018 Mar 21 [epub ahead of print]

- Mantell M, **Nelson R**, Lowe J, Jawa A. Critical Shoulder Angle can predict full-thickness rotator cuff tears in patients with glenohumeral osteoarthritis. *J Shoulder Elbow Surg.* 2017 Dec;26(12):376-381.
- Head, J. M., **Nelson, R.**, Dyball, M., & Lawrence, B. D. (2017). Native Patella Retention Versus Resurfacing in a Cohort of Staged Bilateral Total Knee Patients. *Reconstructive Review*, 7(3). <https://doi.org/10.15438/rr.7.3.175>

Poster Presentation

- AAOS 2018 Annual Meeting: Lateralized Center of Rotation and Lower Neck-Shaft Angle Are Associated with Lower Rates of Scapular Notching and Heterotypic Ossification after Reverse Shoulder Arthroplasty.
- New England Baptist Research Day: The correlation of CSA on rotator cuff tears in patients with glenohumeral osteoarthritis. 6/2017.
- Genesys Regional Medical Center- Department of Orthopedics Poster presentation at Michigan medical society meeting: Novel technique: Abbreviated two stage revision for periprosthetic joint infection. 4/2013.

Course Directorships

- Michigan State Cogdon Lecture Series
 - Sports Medicine update 6/12/2019

Podium Presentation

- Advanced Shoulder Techniques and Therapies
 - 9/26/2020
- Michigan State Cogdon. Invited Speaker
 - Sports Shoulder injuries. 6/12/2019
- Michigan State Cogdon. Invited Speaker
 - Medical Management of the athlete 6/12/2019
- Michigan State Cogdon. Invited Speaker
 - Pediatric sports injuries and prevention. 6/13/2018
- Michigan State University SCS. Invited Speaker.
 - Orthobiologics: How we apply these? 12/13/2017
- Michigan State Cogdon. Invited Speaker.
 - Differentiating Neck from shoulder Pain. 8/9/2017
- DJO Fellows Course
 - Lateralized vs. Grammont style shoulder arthroplasty. 7/8/2019
- New England Shoulder Elbow Society Annual Meeting. First place 2/2017.

- The correlation of CSA on rotator cuff tears in patients with glenohumeral osteoarthritis
- New England Shoulder Elbow Society Annual Meeting. 2/2017
 - Comparing Notching and Heterotopic Ossification Between Lateralized and Grammont Style Prostheses
- Michigan State University Paper Presentation. Second place 5/2016.
 - Native Patella Retention versus Resurfacing in a Cohort of Staged Bilateral Total Knee Arthroplasties.

Other Brief Communications

- **Nelson, R.** Concomitant Tibial shaft and Ipsilateral Triplane Fractures: A Case Report of Two Patients.
- **Nelson, R.** Incisional Negative Pressure Wound Therapy in Orthopedics: Systematic Review of Randomized Control Trials.