

Dustin Anderson, MD

Education & Career

2020-2021	<i>The Steadman Clinic, Aspen & Willits, CO</i> Attending Physician, Orthopedic Interventionalist, Spine & Sports Specialist
2020	<i>OrthoAspen, Aspen Valley Hospital</i> Attending Physician, Physical Medicine & Rehabilitation, Pain Medicine
2019-2020	<i>University of Colorado School of Medicine</i> ACGME Pain Fellowship
2016-2019	<i>University of Colorado School of Medicine</i> Physical Medicine & Rehabilitation Chief Resident, 2018-2019
2015-2016	<i>Medical College of Wisconsin Affiliated Hospitals (MCWAH)</i> Wheaton-Franciscan St. Joseph's, Transitional Year Chief Resident/Transitional Year Representative, 2015-2016
2010-2015	<i>Medical College of Wisconsin (MCW)</i> Doctor of Medicine
2007-2010	<i>University of Wisconsin-Madison</i> Bachelor of Science, Communication Arts
2006-2007	<i>University of Wisconsin-Milwaukee</i> English, Honors College

Board Certified/Board Eligible

2020	Pain Medicine Subspecialty (ABA, ABPMR)
2019	American Board of Physical Medicine & Rehabilitation (ABPMR)
2016	National Board of Medical Examiners (NBME)

Honors and Awards

Senior Resident Impact Award, University of Colorado
Chief Resident Service Award, University of Colorado
Humanism & Excellence in Teaching Award, University of Colorado
AAP Best Paper Award, Psychiatry '19, AAP Program Committee
Gold Humanism Honor Society, University of Colorado

A Mile Above: Peer Recognition at Children's Hospital of Colorado
Rehabilitation Humanism Award, University of Colorado Department of Physical Medicine and Rehabilitation
AAPM&R National Ambassador, University of Colorado Department of Physical Medicine and Rehabilitation
Gold Humanism Honor Society, Peer Nomination, Medical College of Wisconsin

Peer-Reviewed Publications

Friedrich J, **Anderson DJM**, Marshall B. Orthopaedic Knowledge Update, Nonsurgical Care of the Spine: Procedures. *American Academy of Orthopaedic Surgeons, in partnership with Wolters Kluwer Health*. 2020

Kinney A, **Anderson DJM**, Forster J, Stearns-Yoder K, Brenner L. Risk and Recovery among High School Athletes Who Sustained At least One Sports-related Concussion. *Concussion*. 2020

Park A, **Anderson DJM**, Battaglino R, Nguyen N, Morse L. Ibuprofen use is associated with reduced CRP and IL-6 levels in chronic spinal cord injury. *The Journal of Spinal Cord Injury*. 2020

Anderson DJM. Artificial Intelligence and Applications in PM&R. *AJPMR*. 2019

Park A, **Anderson DJM**, Morse L. Active Non-steroidal Anti-inflammatory drug (NSAID) use is associated with reduced CRP and IL-6 levels in chronic spinal cord injury. *American Academy of Physiatry*. 2019

Anderson DJM, Park A, Morse L et al. Prophylactic treatment of osteoporosis after SCI: Promising research, but not yet indicated. *Nature - Spinal Cord Series and Cases*. 2018

Shilpa Krishnan PT, **Anderson DJM** et al. Overview of Common Complementary and Integrative Approaches to Managing Chronic Pain: A Guide for Patients With Chronic Pain. *Archives of Physical Medicine and Rehabilitation*. 2018

Sohi MT, Sullivan WJ, **Anderson DJM**. Transient Hypokalemic Quadriplegia After a Lumbar Transforaminal Epidural Dexamethasone Injection: A Case Report. *PM&R*. 2017

Anderson DJM, Knight E, Best A. A Case Study of Lumbosacral Transitional Anatomy: Implications of Pain Patterns and Treatment Consideration. *SpineLine*, a NASS publication. 2017

Laker S, **Anderson DJM**. *Scaphoid Injury*, Medscape. 2017

Torberntsson P, **Anderson DJM**. *Plain Radiography*, AAPM&R, *PM&R Knowledge Now*. 2017

Current Research Projects

- 2019 *Google Grant: Artificial Intelligence for Spine & Musculoskeletal Disorders*
IRB approved study in conjunction with Health Data Compass ($n = 60,808$)
- 2018 ImPACT database to investigate second impact syndrome

Non-Peer Reviewed Publications

- 2017 *Fellowship Spotlight: Sports & Interventional Spine* AAPM&R Resident Newsletter
- 2017 *My Beautiful Broken Brain* (Featured Article) AAPM&R Resident Newsletter
- 2017 *Aleix Vidal Suffers a Dislocated Ankle* (Guest Author) MDInjuryReport.com

Invited Presentations and Abstracts

Claus, D. **Anderson, D.**, Staley, V., Forster, J., Meron, A. Trends in the Physical Medicine & Rehabilitation Match, Analysis of NRMP Data from 2007 to 2018. AAP 2021 Annual Meeting. *Association of Academic Physiatrists.*

Anderson, D. Callahan, T., Meron, A., Hunter, L., Akuthota, V. (2020, March) An Exploratory Analysis: Cloud Computing Big Data Query at an Academic Spine Center. 14th ISPRM World Congress. Orlando, FL. *Association of Academic Physiatrists.*

Anderson, D., Stearns-Yoder, K., Brenner, L., Forster, J. (2019, March). Recovery in High School Athletes with Multiple Concussions. 13th World Congress on Brain Injury, Toronto, CA. *International Brain Injury Association.*

Park, A. **Anderson, D.**, Morse, L.. (2019, February). Active Non-steroidal Anti-inflammatory drug (NSAID) use is associated with reduced CRP and IL-6 levels in chronic spinal cord injury. Puerto Rico, *American Academy of Physiatry.* 2019

Claus D, **Anderson D.** et al. Physical Medicine & Rehabilitation Medical Student Fair Increases Awareness of Specialty. *American Academy of Physiatry.* 2019

Krumenacher, P., **Matel-Anderson, D.**, Chau, A., & Choi, B. (2014, July). Clinical Significance of Coronary Artery Anatomy in Stress Induced Cardiomyopathy. Presented at: 19th World Congress on Heart Disease, Boston, Massachusetts. International Academy of Cardiology.

Chau, A., Krumenacher, P., **Matel-Anderson, D.**, & Choi, B. (2013, July). Types of Mental Stress in Stress Induced Cardiomyopathy. Presented at: 18th World Congress on Heart Disease, Vancouver, Canada. International Congress of Psychosomatic Medicine.

Chau, A., Krumenacher, P., **Matel-Anderson, D.**, & Choi, B. (2013, July). Clinical Significance of Coronary Artery Disease in Stress Induced Cardiomyopathy. Presented at: 18th World Congress on Heart Disease, Vancouver, Canada. International Academy of Cardiology.

Matel-Anderson, D., Chau, A., Krumenacher, P., & Choi, B. (2012, November). Coronary Anatomy and Comorbidities in Stress-Induced Cardiomyopathy. Presented at: American Heart

Association, Scientific Sessions, Los Angeles, California. American Heart Association: Circulation.

Matel-Anderson, D., Park, S., & Choi, B. (2011, August). Stress Induced Cardiomyopathy and Possible Mechanism of Somatization. Presented at: The 21st World Congress on Psychosomatic Medicine, Seoul, South Korea. International Congress of Psychosomatic Medicine.

Oral Presentations

Anderson, D. (2020) University of Colorado, Steadman Hawkins Clinic-Inverness Combined Sports Medicine Research Symposium & Department of PM&R, Pain Fellows Symposium:
Risk and Recovery among High School Athletes Who Sustained At least One Sports-related Concussion

Anderson, D. (2020) University of Colorado, Department of PM&R, Resident Lecture Series:
Pain Medicine Board Review: Musculoskeletal Cases
Understanding the Mechanism of the Pain Signaling Process, a Hands on Seminar

Anderson, D. (2019-2020) University of Colorado, Department of PM&R, Fellow Lecture Series:
Zygapophyseal and Sacroiliac Joint Interventions
Novel Imaging Techniques for Lumbar Anatomy in MRI Sequencing
Anatomy, Imaging, and Common Pain Generating Pathologies of the Spine
The State of Artificial Intelligence in Spine Medicine
Anatomy & Physiology of the Pain Signaling Process
Assessing the Evidence: Updates in Lumbar Provocation Discography

Anderson, D. (2019) University of Colorado, Department of PM&R, Gersten Day Symposium
Active NSAID use is associated with reduced CRP and IL-6 in chronic SCI

Anderson, D. (2019) Veterans Affairs - Research Rounds
A Primer On Machine Learning Methods for Clinicians and Researchers

Anderson, D. (2017) University of Colorado, Department of PM&R, Grand Rounds
A Bicycle for the Mind? Utilizing Artificial Intelligence to Study Outcomes in Lumbar Disc Herniation
Supplement Science: Clinical Applications in the Rehabilitation Population

Anderson, D. (2016) University of Colorado, Department of PM&R, Journal Club Presentations
Placebo Controlled Trial of Amantadine in Traumatic Brain Injury
Intraneural Topography of the Ulnar Nerve at the Wrist and Elbow
Disposition After Acute Rehabilitation
Osseointegration, a Primer on Rehabilitation Strategy
Heterotopic Ossification

Non-Scientific Publications

- 2017 *A Comet's Tale* (Self-published short story) Amazon books
- 2017 *A Vessel on the River's Mouth* (Book of poetry)
- 2014 *Jonas the Watchmaker* (Short Story) *Mother and Child* (Poetry) Auscult
- 2012 *Lithosphere* (Poetry) Abaton
- 2011 *The Bindle* (Poetry) The Second Opinion

Professional Organizations

- 2020 NASS Editorial Board, *SpineLine* Publication
- 2019 North American Neuromodulation Society (NANS)
- 2017 Association of Academic Physiatrists (AAP), North American Spine Society (NASS)
- 2016 American Academy of Physical Medicine and Rehabilitation (AAPM&R)
- 2016 AAPM&R Member Councils: Musculoskeletal Medicine, Pain & Neuromuscular Medicine, General & Medical Rehabilitation
- 2010 Association of American Medical Colleges

Professional Coursework

- 2020 *Neuromodulation for Advanced Implantable Therapies: A Hands on Cadaver Course for Pain Fellows*, Abbott labs. Las Vegas, NV
- 2019 *Pain Fellows Fundamentals of Implantable Therapies*, Medtronic. Long Beach, CA
- 2019 GME Quality & Safety Academy Graduate, University of Colorado: *Foundations of Patient Safety, Adverse Events into Quality Improvement, Quality in Academics*

Community Service/Volunteer

- 2020 Foundations of Doctoring, Applied Musculoskeletal Physical Exam for First Year Medical Students
- 2019 Musculoskeletal Curriculum Facilitator for Third Year Medical Students, University of Colorado
- 2017 PM&R Fair, University of Colorado School of Medicine
Grant-funding provided from the Association of Academic Physiatrists
- 2017 Ultrasound volunteer, AAPM&R Annual Assembly, Denver, CO
A Practical Guide to Uncommonly-Performed Ultrasound-Guided Peripheral Nerve Blocks for Chronic Pain & Ultrasound Guidance for Upper Limb Chemodenervation Procedures
- 2017 Resident & Medical Student Volunteer Coordinator, RSVP Free Clinic
- 2017 Denver Pragmatic Dharma Society
- 2017 Organizer, Inaugural “PM&R Pub Night” for medical student exposure to PM&R
- 2016-2017 Resident Liaison, University of Colorado Medical Student Interest Group
- 2014 Step 1 Preparation Program M3 Tutor
- 2010-2014 Intramural Soccer, Saturday Soccer, Breast Cancer 3v3 Tournament,
- 2011-2013 Big Sib/Little Sib Volunteer Program
- 2010-2012 Applicant Host Program
- 2012 Annual MCW Variety Fest Host
- 2011-2012 Pathos Project, Humanities Curriculum
- 2011 Michael T. Bolger Standing Ovation Awards Host
- 2011 MCW Orientation Committee
- 2011 Mock Interview Program

Other Work Experience

- 2020 Editorial Board, *SpineLine*, a NASS Journal

2019-2021	Google funded research: Artificial Intelligence and Machine Learning Methods for Spine and Musculoskeletal Disorders
2020	UC Health Inverness Orthopedics & Spine Surgery Center
2019-2020	University of Colorado – Boulder, Champions Center
2019-2020	UC Health, Lone Tree Medical Center
2019-2020	University of Colorado Hospital, Spine Center
2019	Pioneer Thanksgiving Classic, University of Denver D1 Women’s Basketball
2019	Summit League Tournament, University of Denver D1 Women’s Volleyball
2019	Thin Air Challenge, University of Denver D1 Women’s Volleyball
2019	Denver Classic Tournament, University of Denver D1 Women’s Volleyball
2019	Clinical Instructor, <i>University of Colorado Department of PM&R</i>
2019	Summit League Tournament, University of Denver D1 Women’s Volleyball
2019-2020	ACGME Pain Fellow, <i>University of Colorado Department of PM&R</i>
2019-2020	Division 1 Team Physician - University of Denver Athletics. Women's Soccer, Volleyball, Basketball, LaCrosse
2019-2020	UC Health Broomfield Hospital Inpatient Coverage
2018-2019	Chief Resident, <i>University of Colorado Department of PM&R</i>
2018-2019	Clinical Research, ImPACT database to investigate second impact syndrome
2016-2018	Diagnostic Evaluation Services (DES)
2015-2016	Transitional Year Representative, <i>Wheaton Franciscan St. Joseph’s</i>
2007-2010	Biochemistry Research Lab, P.I. Dr. Julius Adler, <i>UW-Madison</i>

Personal Interests

Machine Learning & Artificial Intelligence. Meditation. Value investing. Skiing. Hiking. Soccer.