

JASON MARKLE

Education:

- June '12 – Current **UAB**
Physical Medicine and Rehabilitation
PGY-4, Resident
- July '11 – June '12 **Westchester General Hospital**
Miami, FL
PGY-1, Internship
- August '07 - May '11 **Nova Southeastern University**, College of Osteopathic Medicine
Davie, Florida
Doctor of Osteopathic Medicine
- August '01 – '05 **Florida State University**, College of Human Science
Tallahassee, Florida
Bachelor of Science degree with interdisciplinary major in Exercise Physiology

Fellowships:

- May 2008 **Nova Southeastern University**, College of Osteopathic Medicine
Davie, Florida
Pre-Doctoral Anatomy Fellow

License:

- Alabama Medical License: DO.1313 (exp: 12/31/15)
Alabama Controlled Substance Certificate: ACSC.1313 (exp: 12/31/15)

Honors and Awards:

- June 2012 Collaborative Research Grant Award – Department of Physical Medicine and Rehabilitation, UAB; Funding for original research design and multidisciplinary collaboration.
- Aug 2007 – May 2008 *Chancellor's List* – Nova Southeastern University, Davie, FL
Jan 2005 *Undergraduate Research Grant Recipient* – Awarded for my work in Neuroscience, Florida State University, Tallahassee, FL
- Aug 2001 – Dec 2005 *Academic Scholarship Recipient* – Florida Bright Futures Scholarship, Florida State University, Tallahassee, FL

Sports / Field Coverage:

- 2014 Crossfit Southeast Regional Competition, Sideline Physician, Jacksonville, FL
- 2013 UAB Women's NCAA Basketball Sideline Physician
- 2012 Crossfit Southeast Regional Competition Medical Director, West Palm Beach, FL
- American College of Sports Medicine – Member (2007-Current),
-2007/2008 University School (HS) Football team assistant trainer/physician
- 2008 & 2010 A1A Marathon, medical support assistant

National Academic Society: American Academy of PM&R Member (2011- Current)

National Conference Attendance:

- 2014 AAPM&R Semi – Annual Conference on San Diego, CA

- Regenerative Medicine Pre-conference course
- Stem Cell Therapy / Workshop Course
- 2011 AAPM&R Semi - Annual Conference in Orlando FL
- 2011 Pre Conference MSK Ultrasound Course
- 2010 AOCPM&R National Conference Annapolis, Maryland

Current Research:

June 2013 – Current

“Non-surgical treatment for rotator-cuff tears using Platelet-Rich Plasma”;
 PI: Jason Markle, DO, Co-PI: Brent Ponce, MD; Markus Carter, DO. Funding:
 UAB PMR Department. Description: Randomized-Control Trial comparing
 efficacy of PRP vs Betamethasone / marcaine / lidocaine subacromial injections
 via ultrasound guidance.
 Status: active enrollment

Academic Position

- Cadaveric Musculoskeletal Ultrasound Course
 - Created / Developed a Cadaver based MSK US 6 wk course for resident education: Developed curriculum and instructed didactic lectures and procedures course.
 - I founded and instructed for both scanning all peripheral joints and injection procedure (shoulder – intra-articular / subacromial / biceps tendon sheath, Knee – intra-articular / pes anserine / bakers cyst / patella tendon / MCL / LCL, Hip – GT, intra-articular, Elbow – UCL / medial –lateral epicondyle / intra-articular, Hand and Wrist – medial nerve / Carpal tunnel / trigger finger / De Quervains.)
- UAB School of medicine – Teaching Assistant
 - Msk - Ultrasound proctor / medical student education
 - Anatomy instructor for cadaver dissection to MS-1 and MS-2 students
- Medical Student proctor
 - Proctored and demonstrated proper musculoskeletal physical exam to MS-2 students

Residency Training:

PGY-2: (2012-2013)

Inpatient rehabilitation / Outpatient experience

- Traumatic Brain Injury
- Spinal Cord Injury
- Stroke Rehabilitation
- Orthopedic / Major Trauma

PGY-3: (2013-2014)

Outpatient Clinics

- Musculoskeletal Medicine / Sports Medicine
- Industrial Medicine
- Interventional Spine
- Pediatrics Rehabilitation
- VA

Procedures:

- Osteopathic Manual Manipulation (ie HVLA / Stretch and Spray / ME)
- All peripheral joints Injections both blind and MSK US guided
- Trigger-point Injections
- Visco-supplementations injections
- Regenerative medicine

- PRP (Platelet-Rich Plasma injections)
- Prolo-therapy
- Bone marrow aspirate injections
- EMG/NCS for neuro-muscular pathology such as: Lumbar nerve root compression screens and Carpal Tunnel Syndrome screens (>200cases)
- Axial injections under Flouro:
 - Sacral-Iliac Joint Injections
 - Caudal epidurals
 - Lumbar Inter-Laminar Epidurals
 - Facet blocks / Medial branch blocks
 - Radio-frequency ablations.