

# Matthew R. Willey, M.D.

*Board Certified in Physical Medicine and Rehabilitation*

*Board Certified in Sports Medicine*

Specializing in Interventional Spine/Interventional Pain Management, Non-Operative Sports Medicine, Regenerative Medicine, and Electrodiagnostics

FL Medical License# ME116583

## Employment

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- 09/2013 - 12/2019 **Orlando Orthopaedic Center**  
25 W. Crystal Lake Street, Suite 200  
Orlando, FL 32806  
407-254-2500
- 06/2011 – 08/2013 **American Family Care**, Urgent Care Clinics  
Birmingham, AL
- 07/2012 – 08/2013 **Alabama Orthopedic Spine and Sports Medicine Associates**  
Fellowship Training  
Birmingham, AL

## Education

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- 07/2012 – 08/2013 **Alabama Orthopedic Spine and Sports Medicine Associates**  
**PASSOR Accredited Fellowship in Sports and Interventional Spine**  
**Director: Brad Goodman, MD**  
*-Certificate of fellowship procedural competence issued 10/11/12 for independent performance of spinal interventions. Full fellowship completion 8/23/2013.*
- 07/2009 – 06/2012 **Univ. of Alabama at Birmingham**  
Physical Medicine and Rehabilitation Residency  
*ABPMR Licensing Exam: Part 1 – 96.5 percentile, Part 2 – 99.3 percentile*
- 07/2008 – 06/2009 **University of Florida**  
Preliminary Internal Medicine Residency
- 08/2004 – 05/2008 **University of Florida, College of Medicine, Doctor of Medicine**  
*Honors: Scott Gross, M.D. Memorial Pathology Book Award*  
- Nominated by classmates to the individual who best represents the attributes displayed by Scott Gross, a prior student who died of cancer after graduation: a sense of humor, interest in art and music, active participation in class projects, and most importantly, courage and perseverance
- 08/2000 – 05/2004 **University of Florida, College of Liberal Arts and Sciences, B.S., Biochemistry**  
*Honors: Summa Cum Laude, University Scholars Program, Anderson Scholars Award, Wentworth Scholarship, Friends for Life of America Founders Award*

## Research

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- 7/2012 – 7/2013 **Alabama Orthopedic, Spine, and Sports Medicine Associates**  
Site Participant for *ISTO Technology's* NuQu Intradiscal Injectable Cell-Based Therapy Phase 2 Trial
- 7/2012 – 7/2013 **Alabama Orthopedic, Spine, and Sports Medicine Associates**  
Site Participant for Spinal Restoration's Biostat Intradiscal Fibrin Sealant Phase 3 Trial
- 4/2011 - 5/2013 **University of Alabama at Birmingham, Dept. of Physiology and Biophysics**  
Mentor: Marcas Bamman, Ph.D. Director: Center for Exercise Medicine  
Optimizing resistance training programs for maximal strength, muscle hypertrophy and functionality in older adults
- 6/2005 - 8/2005 **University of Florida, Dept. of Orthopedics and Rehabilitation**  
Mentor: Tom Wright, M.D., Director: Hand, Upper Extremity, and Microsurgery  
Studied proximal humeral non-union fixation

- 5/2003 - 8/2004      **University of Florida, Dept. of Molecular Genetics and Microbiology**  
Mentor: Ed Scott, PhD., Director: Program in Stem Cell Biology  
Studied transcription factor PU.1, a protein needed for the development of multiple hematopoietic lineages. Wrote senior thesis based on this research
- 5/2002 – 8/2002      **University of South Florida, Moffitt Cancer Center**  
Mentor: Ken Wright, Ph.D., Director: Cancer Biology Ph.D. Program. Conducted supervised research on XBP-1, a transcription factor needed for B-cell differentiation

### **Educational Talks/Presentations**

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- 8/3/2019              Orlando Orthopaedic Center, 2019 Annual Orthopaedic Update, Rosen Hotel, Orlando, FL “Opiate Medication and their Current Role in Acute and Chronic Pain”
- 7/10/2018            Genex CEU, “The Interventional Physiatrist’s Guide to EMG Analysis”
- 2/6/2016              Orlando Orthopaedic Center Sports Medicine Seminar 2016, Rosen Centre Hotel Orlando, FL “Entrapment Neuropathy and Electromyography in Runners”
- 8/2/2014              Allied Healthcare Professions Seminar, Rosen Centre Hotel, Orlando, FL “Degenerative Disc Disease In Regenerative Medicine: Intradiscal PRP”
- 2/12/2014            Orlando Orthopaedic Center Sports Medicine Seminar 2014, Rosen Centre Hotel, Orlando, FL “Spine and Physiatry in Sports Medicine”
- 6/8/2012              Grand Rounds, University of Alabama at Birmingham, Dept. of PM&R “Putting the intense into *resintense*: The functional and metabolic health benefits of high intensity resistance training.”
- 3/12/2012            Resident lecture, University of Alabama at Birmingham, Dept. of PM & R “Achilles Tendinopathy”
- 10/20/2012          Resident lecture, University of Alabama at Birmingham, Dept. of PM & R “An Overview of Sports Related Head Injuries”

### **Publications/Abstracts**

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Goodman B, House M, Vallabhaneni S, Mallempatti S, **Willey M**, Smith M. Anticoagulant and antiplatelet management for spinal procedures: a prospective, descriptive study and interpretation of guidelines. *Pain Med.* 2017 Jul 1;18(7): 1218-1224

Goodman B, **Willey M**, Smith M, Mallempati S. Intradiskal Steriods: A Viable Treatment for Low Back Pain. *PM&R.* Vol 6, 547-555, June 2014

**Willey M**, Mallempati S, Goodman B, Agee R. Acute Anterior Schmorl's Node/Limbus Vertbrae Treated with Intradiscal Steriod Injection: A case report and review of literature. Abstract accepted for poster presentation at the Annual Assembly of Physical Medicine and Rehabilitation 2013

### **Professional Organizations**

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- 8/2011 – Present      Spine Intervention Society, Member
- 6/2009 – Present      Alabama Society of PM & R, Member
- 6/2009 – Present      American Academy of PM & R, Member

## Service

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- 11/2005 – 11/2008 UF COM *MEDSTOCK* Fundraisers, Founder and Chair  
 Created and Coordinated MEDSTOCK: a series of rock concerts dedicated to raising money for medical mission trips. Over \$5,000 collected.
- 3/2006 UF COM, DR Salud, Dominican Republic Medical Mission Trip
- 8/2004 – 8/2006 UF COM Equal Access Clinic, Volunteer

## Extracurricular Activities

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- 12/2016 - Present Rhythm Guitar, *Judi Behave!*, Orlando Based Cover Band
- 8/2009 – 8/2012 Lead Guitar/Manager, *Big Boy Gun*, A Birmingham Based Rock Band
- 8/2005 – 5/2009 Lead Guitar/Manager, *Deny the Fall*, A Gainesville Based Rock Band  
 Performed before 10,000 people and shared stage with recording artists “Buckcherry” and “Boyce Avenue”
- 8/2009 – 6/2012 UAB, Dept. PM & R Intramural Football Captain
- 8/2004 – 5/2008 UF COM, Intramural Football, Soccer, and Basketball Intramural Captain