

# CURRICULUM VITAE



04/26/23  
11:59am

<b>NAME:</b> Ruberte Thiele, Ramon M.D., M.S.	<b>DATE:</b> 26/Apr/2023
<b>POSITION TITLE:</b> Investigator	
<b>OFFICE ADDRESS:</b> Spectrum Medical, Inc. 109 Bridge Street, Suite 300 Danville, VA, 24541 USA	<b>CONTACT INFORMATION:</b> Telephone: (434)793-4711 Fax: (434)792-5265 e-Mail: ramon.rubertethiele@spectrummed.com
<b>PROFESSIONAL LICENSURE:</b> Commonwealth of Virginia Board of Medicine # 0101272527 DEA # FR9194983	

**EDUCATION/TRAINING:**  
(Include baccalaureate or other initial professional education such as nursing, postdoctoral training, GCP training.)

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Stanford University Hospital Redwood City, CA, USA	Fellowship	8/2020- 7/2021	Adult Total Joint Reconstruction Fellowship
University of Cincinnati Medical Center Cincinnati, OH, USA	Residency	7/2014- 6/2020	Orthopaedic Surgery Residency
Duke University School of Medicine Durham, NC, USA	Doctor of Medicine	8/2010- 5/2014	MD
Massachusetts Institute of Technology Cambridge, MA, USA	MS	9/2000 - 2/2003	Bioengineering
University of Puerto Rico-Mayaguez Campus Mayaguez, PR	BS <i>Magna cum Laude</i>	8/1995- 6/2000	Mechanical Engineering

**Specialization:** Pain Management

- POSITIONS AND EMPLOYMENT:**
- 10/1/2021- present Orthopedic Surgeon, Spectrum Medical, Inc., Danville, VA, USA
  - 6/2006-6/2009 Research Manager of the Department of Orthopaedic Surgery. University of Michigan Medical School. Ann Arbor, MI, USA
  - 6/2007-3/2009 Spanish Medical Interpreter in the Interpreter Services Program, University of Michigan Health System. Ann Arbor, MI, USA
  - 5/2005-6/2006 Operational Manager of the Musculoskeletal Research Core Center Stem Cell Core, and Research Associate in the Orthopaedic Research Laboratories. University of Michigan Medical School. Ann Arbor, MI, USA
  - 9/2004-4/2005 Research & Technology Engineer II in the Research and Development Department. DePuy Spine, a Johnson & Johnson Company. Raynham, MA, USA
  - 2/2003-9/2004 Research & Technology Engineer I in the Research and Development Department. DePuy Spine, a Johnson & Johnson Company. Raynham, MA, USA
  - 3/2001-2/2003 Graduate Research Assistant in the Chemical Engineering Department. Massachusetts Institute of Technology. Cambridge, MA, USA

## AWARDS AND HONORS:

- 2000-2001 E.I. du Pont de Nemours and Company I National Consortium for Graduate Degrees for Minorities in Engineering and Science (GEM) Master of Science Fellow
- 2001 Hispanic Scholarship Fund (HSF) Scholar
- 2000 University of Puerto Rico-Mayaguez Campus Esteban Terrats Mechanical Engineering Department Medal
- 2000 Lilly Endowment Inc./ Hispanic Scholarship Fund (HSF) Scholar Medical Student Society of
- 2000 Hispanic Professional Engineers (SHPE) Foundation Scholar
- 1999 American Society of Mechanical Engineers (ASME) Charles Jarowski Biomedical Engineering Scholar
- 1999 Abbott Laboratories Inc. / National Action Council for Minorities in Engineering (NACME) Corporate Scholars Program (CSP) Scholar
- 1999 Hispanic Scholarship Fund (HSF) Scholar
- 1999 Society of Hispanic Professional Engineers (SHPE) Foundation Scholar
- 1999 The Honor Society of Phi Kappa Phi (inducted 11/1999)
- 1998 Hispanic Scholarship Fund (HSF) Scholar
- 1998 Tau Beta Pi National Engineering Honor Society (inducted 5/1998)
- 1997 Golden Key National Honor Society (inducted 11/1997)

## PUBLICATIONS:

- 2015 Butler RJ, Ruberte Thiele RA, Barnes CL, Bolognesi MP, Queen RM. Unipedal balance is affected by lower extremity joint arthroplasty procedure 1 year following surgery. *J Arthroplasty*. 2015 Feb;30(2):286-9.  
PubMed PMID: 25257235
- 2014 Ledford CK, Ruberte Thiele RA, Butler RJ, Appleton JS, Wellman SS, Attarian DE, Queen RM, Bolognesi MP. Percent body fat more associated with perioperative risks after total joint arthroplasty than body mass index. *J Arthroplasty*. 2014 Sep;29(9 Suppl): 150-4.  
PubMed PMID: 24973929
- 2011 Smith MV, Panchal HB, Ruberte Thiele RA, Sekiya JK. Effect of acetabular labrum tears on hip stability and labral strain in a joint compression model. 2010 AOSSM Excellence in Research Award. *Am J Sports Med*. 2011 Jul;39 Suppl:103S-1 10S.  
PubMed PMID: 21709039
- 2010 Moore AM, Kadakia AR, Hughes RE, Ruberte Thiele RA. Effect of ankle flexion angle on axial alignment of total ankle replacement. *Foot Ankle Int*. 2010 Dec;31(12):1093-1098.  
PubMed PMID: 21189211
- 2010 Tan GJ, Kadakia AR, Ruberte Thiele RA, Hughes RE. Novel reconstruction of a static medial ligamentous complex in a flatfoot model. *Foot Ankle Int*. 2010 Aug;31 (8):695-700.  
PubMed PMID: 20727318
- 2010 Ruberte Thiele RA, Campbell RB, Amendola A, Sekiya JK. Biomechanical comparison of two arthroscopic PCL inlay techniques. *Arthroscopy*. 2010 Jul;26(7):977-983.  
PubMed PMID: 20620797
- 2010 Long JL, Ruberte Thiele RA, Skendzel JG, Jeon J, Hughes RE, Miller BS, Carpenter JE. Activation of the shoulder musculature during pendulum exercises and light activities. *J Orthop Sports Phys Ther*. 2010 Apr;40(4):230-237.  
PubMed PMID: 20200451
- 2009 Bernas GA, Ruberte Thiele RA, Kinnaman KA, Hughes RE, Miller BS, Carpenter JE. Defining safe rehabilitation for ulnar collateral ligament reconstruction of the elbow: a biomechanical study. 2008 AOSSM Excellence in Research Award. *Am J Sports Med*. 2009 Dec;37(12):2392-2400.  
PubMed PMID: 19684292

## US PATENTS:

- 1) Title: Percutaneous access devices and bone anchor assemblies  
Inventors: Sicvol C, Lopez E, Ruberte R  
Patent No.: US 10,299,839 B2  
Issue Date: 5/28/2019
- 2) Title: Methods and devices for minimally invasive spinal fixation element placement Inventors: Anderson DG, Sicvol CW, Ross GJ, Selover SP, Ruberte RA  
Patent No.: US 10,039,578 B2  
Issue Date: 8/7/2018
- 3) Title: Spinal fusion implant  
Inventors: Gamer R, Dziedzic S, Mahoney M, Ruberte R  
Patent No.: US 10,010,428 B2  
Issue Date: 7/3/2018
- 4) Title: Methods and devices for minimally invasive spinal fixation element placement Inventors: Anderson DG, Sicvol CW, Ross GJ, Selover SP, Ruberte RA  
Patent No.: US 9,750,547 B2  
Issue Date: 9/5/2017
- 5) Title: Spinal fusion implant  
Inventors: Gamer R, Dziedzic S, Mahoney M, Ruberte R  
Patent No.: US 9,737,413 B2  
Issue Date: 8/22/2017
- 6) Title: Spinal fusion implant  
Inventors: Gamer R, Dziedzic S, Mahoney M, Ruberte R  
Patent No.: US 9,713,538 B2  
Issue Date: 7/25/2017
- 7) Title: Percutaneous access devices and bone anchor assemblies  
Inventors: Sicvol C, Lopez E, Ruberte R  
Patent No.: US 9,439,699 B2  
Issue Date: 9/13/2016
- 8) Title: Spinal fusion implant  
Inventors: Garner R, Dziedzic S, Mahoney M, Ruberte R  
Patent No.: US 9,387,091 B2  
Issue Date: 7/12/2016
- 9) Title: Spinal fusion implant  
Inventors: Garner R, Dziedzic S, Mahoney M, Ruberte R  
Patent No.: US 9,320,614 B2  
Issue Date: 4/26/2016
- 10) Title: Device and method for manipulating intervertebral tissue  
Inventors: O'Neil MJ, Ruberte RA, Stad SD, Hawkins JR  
Patent No.: US 9,282,980 B2  
Issue Date: 3/15/2016
- 11) Title: Methods and devices for minimally invasive spinal fixation element placement Inventors: Anderson DG, Sicvol CW, Ross GJ, Selover SP, Ruberte RA  
Patent No.: US 9,161,786 B2  
Issue Date: 10/20/2015
- 12) Title: Spinal fusion implant  
Inventors: Garner R, Dziedzic S, Mahoney M, Ruberte R  
Patent No.: US 8,936,643 B2  
Issue Date: 1/20/2015
- 13) Title: Method for manipulating intervertebral tissue  
Inventors: O'Neil MJ, Ruberte RA, Stad SD, Hawkins JR  
Patent No.: US 8,882,771 B2  
Issue Date: 11/11/2014

- 14) Title: Spinal fixation element and methods  
Inventors: Birkmeyer P, Zajack M, Lopez E, Ruberte RA  
Patent No.: US 8,828,005 B2  
Issue Date: 9/9/2014
- 15) Title: Percutaneous access devices and bone anchor assemblies  
Inventors: Sicvol C, Lopez E, Ruberte R  
Patent No.: US 8,617,210 B2  
Issue Date: 12/31/2013
- 16) Title: Spinal fusion implant  
Inventors: Gamer R, Dziedzic S, Mahoney M, Ruberte R  
Patent No.: US 8,579,983 B2  
Issue Date: 11/12/2013
- 17) Title: Percutaneous access devices and bone anchor assemblies  
Inventors: Sicvol C, Lopez E, Ruberte R  
Patent No.: US 8,518,082 B2  
Issue Date: 8/27/2013
- 18) Title: Expandable intervertebral tool system and method  
Inventors: O'Neil MJ, Ruberte RA, Stad SD, Hawkins JR  
Patent No.: US 8,137,352 B2  
Issue Date: 3/20/2012
- 19) Title: Methods and devices for minimally invasive spinal fixation element placement  
Inventors: Anderson DG, Sicvol CW, Ross GJ, Selover SP, Ruberte RA  
Patent No.: US 8,105,361 B2  
Issue Date: 1/31/2012
- 20) Title: Percutaneous access devices and bone anchor assemblies  
Inventors: Sicvol C, Lopez E, Ruberte R  
Patent No.: US 7,854,751 B2  
Issue Date: 12/21/2010
- 21) Title: Spinal fixation element and methods  
Inventors: Birkmeyer P, Zajack M, Lopez E, Ruberte RA  
Patent No.: US 7,547,318 B2  
Issue Date: 6/16/2009
- 22) Title: Methods and devices for minimally invasive spinal fixation element placement  
Inventors: Anderson DG, Sicvol CW, Ross GJ, Selover SP, Ruberte RA  
Patent No.: US 7,527,638 B2  
Issue Date: 5/5/2009
- 23) Title: Device and methods for inserting a spinal fixation element  
Inventors: Raymond D, Roveda J, Murphy B, Sicvol C, Selover S, Lopez E, Ruberte R, Jones BS, Ramsay C  
Patent No.: US 7,476,240 B2  
Issue Date: 1/13/2009
- 24) Title: Percutaneous access devices and bone anchor assemblies  
Inventors: Sicvol CW, Lopez E, Ruberte R  
Patent No.: US 7,179,261 B2  
Issue Date: 2/20/2007

## **RESEARCH GRANTS/RESEARCH EXPERIENCE:**

1/2009-12/2009: University of Michigan Bone & Joint Injury Prevention & Rehabilitation Center.  
Co-Investigator: The role of the acetabular labrum in hip joint function.

7/2008-7/2009: University of Michigan Department of Orthopaedic Surgery. Co-Investigator: The effect of ankle position during installation on rotational alignment of the tibial component of the Salto Talaris Anatomic Total Ankle.

2/2008-2/2009: University of Michigan Department of Orthopaedic Surgery. Co-Investigator:  
Biomechanical analysis of the hip joint.

2/2008-2/2009: University of Michigan Department of Orthopaedic Surgery. Co-Investigator:  
Are pendulum exercises and light activity safe after supraspinatus repair?

6/2007 -7/2008: University of Michigan Department of Orthopaedic Surgery. Co-Investigator: The effect of rehabilitation on ulnar collateral ligament strain after reconstruction.



## Virginia Department of Health Professions License Lookup

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### License Information

<b>License Number</b>	0101272527
<b>Occupation</b>	Medicine
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<b>Initial License Date</b>	06/24/2021
<b>Expire Date</b>	09/30/2024
<b>License Status</b>	Current Active
<b>Additional Public Information*</b>	No

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