

# CURRICULUM VITAE

## **PERSONAL DATA**

Name: **Laurel Claire Blakemore, M.D.**

Office Address: Laurel C Blakemore, MD CEO  
Pediatric Specialists of Virginia  
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Falls Church, VA 22043  
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Cell: 703-615-2040

Place of Birth: Philadelphia, Pennsylvania  
Citizenship: USA

## **EDUCATION**

### **UNDERGRADUATE**

9/1981-6/1984 The University of Michigan, Ann Arbor, Michigan: Bachelor of Arts.

### **GRADUATE**

9/1984-6/1988 Royal College of Surgeons in Ireland, Dublin, Ireland: pre-clinical.  
7/1988-6/1991 University of Alabama School of Medicine, Birmingham, Alabama:  
Doctor of Medicine.

### **POSTDOCTORAL**

7/1991-6/1992 Stanford Affiliated Hospitals, Palo Alto, California:  
General Surgery Internship.  
6/1992-6/1997 University of Michigan Medical Center, Ann Arbor, Michigan:  
Orthopaedic Surgery Residency.  
8/1997-7/1998 Case Western Reserve University/Rainbow Babies and Children's Hospitals,  
Cleveland, Ohio: Fellowship in Pediatric Orthopaedics.

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## SPECIAL QUALIFICATIONS AND TRAINING

- Videoscopic Anterior Approaches to Lumbar and Thoracic Spine Surgery Course, Cincinnati, Ohio, June 1998
- 7th Annual Baltimore Limb Deformity Course, Baltimore, Maryland, September 10-14, 1998
- Pedicle Fixation in the Thoracic Spine. Medical Education and Research Institute, Memphis, Tennessee, May 19, 2001.
- Titanium Rib Project Mini-Course, Christus Santa Rosa Children's Hospital, San Antonio, Texas, June 4-6, 2001.
- Advanced Invitational Course for Anterior Spinal Instrumentation, Coronado, California, August 22-25, 2002.
- Congenital Spine Forum- Thoracic Insufficiency Syndrome, Philadelphia, Pennsylvania, September 27-28, 2004.
- Advanced Techniques in Spinal Deformity, St. Louis, Missouri, November 5-6, 2004.
- Essentials of External Fixation, Keystone, Colorado, January 9-12, 2008.
- 1<sup>st</sup> Annual Spine Safety Summit, Columbia University, New York, New York, February 19-20, 2016.
- 4<sup>th</sup> Annual Safety in Spine Safety Summit, New York-Presbyterian Hospital, New York, NY, April 26, 2019
- Tether Day: FDA HDE certification training on The Tether™, vertebral body tethering system. Denver, Colorado. October 31-November 1, 2019.

## EMPLOYMENT

### ACADEMIC APPOINTMENTS

- |           |   |
|-----------|---|
| 1998-2000 | Instructor, Orthopaedic Surgery, Case Western Reserve University                      |
| 2000-2001 | Assistant Professor, Orthopaedic Surgery, Case Western Reserve University             |
| 2001-2004 | Assistant Professor, Orthopaedic Surgery, University of Michigan                      |
| 2004-2013 | Associate Professor, Orthopaedic Surgery, George Washington University                |
| 2014-2017 | Associate Professor, Orthopaedic Surgery, University of Florida                       |
| 2017-2020 | Clinical Professor, Orthopaedic Surgery, University of Florida                        |
| 2019-2020 | Shriners Endowed Professor of Pediatric Orthopedics, University of Florida            |
| 2021-     | Clinical Professor of Orthopedic Surgery and Pediatrics, George Washington University |
| 2021-     | Professor of Neurosurgery and Medical Education, University of Virginia               |

### ACADEMIC AND ADMINISTRATIVE APPOINTMENTS

- |            |  |
|------------|--|
| 1998-2001  | Director of Pediatric Sports Medicine, Division of Pediatric Orthopaedics, Rainbow Babies and Children's Hospitals |
| 1998- 2001 | Director of Resident Education, Division of Pediatric Orthopaedics, Rainbow Babies and Children's Hospitals.       |
| 2002-2004  | Residency Program Director, Orthopaedic Surgery, University of Michigan  |
| 2004-2006  | Director of Orthopaedic Education, Children's National Medical Center  |
| 2004-2013  | Chief of Orthopaedic Surgery and Sports Medicine, Children's National Medical Center                               |
| 2009-2013  | Fellowship Director, Pediatric Orthopaedics, Children's National Medical Center                                    |
| 2014-2020  | Chief, Pediatric Orthopaedic Surgery, University of Florida  |
| 2019-2020  | Director, Shriners Center of Pediatric orthopedics at University of Florida  |

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- 2019-2020 Fellowship Director, Shriners Endowed Fellowship in Pediatric Orthopedics, University of Florida  
2020- Director of Pediatric Spine Surgery at Inova Fairfax Hospitals

## HOSPITAL APPOINTMENTS

- 8/1998-6/2001 Staff Physician, University Hospitals Cleveland and Rainbow Babies and Children's Hospitals, Cleveland, Ohio  
8/1998-6/2001 Staff Physician, Metro Health Medical Center, Cleveland, Ohio  
6/2001-4/2004 Staff Physician, University of Michigan Health Systems, Ann Arbor, Michigan  
6/2004-12/2013 Staff Physician, Children's National Medical Center, Washington, D.C.  
6/2004-12/2013 Consulting Physician, Hospital for Sick Children, Washington, D.C.  
1/2014-10/2020 Staff Physician, Shands UF Health Hospital, Gainesville, Florida  
10/2020- Staff Physician, Children's National Medical Center  
10/2020- Staff Physician, Inova Fairfax Hospitals

## CERTIFICATION AND LICENSURE

- 1991 National Board of Medical Examiners  
1992 State of Michigan Medical License # 4301059431  
1992 Federal D.E.A. # BB3963837  
1995 Completion of A.C.L.S and B.L.S. courses  
1998 State of Ohio Medical License # 35-07-2414-B  
2000 American Board of Orthopaedic Surgery, July 2000, recertification 2010  
2004 State of Virginia Medical License # 0101236348  
2004 District of Columbia Medical License # MD034954  
2013 State of Florida Medical License #ME117758  
2020 D.E.A./Controlled Substance License District of Columbia #CS2000540  
2020 D.E.A./Controlled Substance License Virginia #FB9639571  
2020 Recertification BLS/PALS  
2020 American Board of Orthopaedic Surgery – CME  
2020 American Academy of Orthopaedic Surgeons - CME

## GRANTS

SRS grant support: (PI Michael Vitale, MD) "Development and Validation of a Self-Reported Health-Related Quality of Life Questionnaire for Children with Early Onset Scoliosis (EOSQ-self): A Multicenter Prospective Cohort Study" UF CTSI Translational Pilot Program (TPP)

## PATENTS

1. Kunes; Brian; (Washington, DC) ; Hollins; Stacy; (New Castle, VA) ; **Blakemore; Laurel;** (Falls Church, VA) ; Hsu; Brian; (Greenwich, AU) ; Ferguson; John; (Auckland, NZ). Anterior tether tensioner. US Patent Application 17/091773, filed November 6, 2020.
2. Mundis, Jr., Gregory (San Diego, CA), Kim; Han Jo (New York, NY), Ferguson; John (Auckland, NZ), **Blakemore, Laurel** (Williston, FL), Barrus; Michael (Redondo Beach, CA). Spinal construct with flexible member. U.S. Patent 11,051,860. Filed April 26, 2019, issued July 6, 2021.

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3. **Blakemore, Laurel** (Williston, FL) Ross, Catherine(Arlington, VA). Tethering Screw System. U.S. Patent 10,548,639. Filed April 25, 2016, issued February 4, 2020.
4. **Blakemore, Laurel** (Williston, FL), Gaines; Robert (Columbia, MO), Hedlund; Rune (Gothenburg, SE), Mehta; Jwalant (Birmingham, GB), Min; Kan (Zollikon, CH), Noordeen; Hilali (London, GB), Moore; Brandon (Leesburg, VA). Spinal stabilization device, system, and method of use. U.S. Patent 10,390,861. Filed July 26, 2017, issued August 27, 2019.
5. Mundis, Jr., Gregory (San Diego, CA), Kim; Han Jo (New York, NY), Ferguson; John (Auckland, NZ), **Blakemore, Laurel** (Williston, FL), Barrus; Michael (Ashburn, VA). Spinal construct with flexible member. U.S. Patent 10,292,740. Filed October 11, 2017, issued May 21, 2019.
6. Mundis, Jr., Gregory (San Diego, CA), Kim; Han Jo (New York, NY), Ferguson; John (Auckland, NZ), **Blakemore, Laurel** (Williston, FL), Barrus; Michael (Ashburn, VA). Spinal construct with flexible member. U.S. Patent 9,795,421. Filed April 22, 2016, issued October 24, 2017.

## SOCIETIES AND HONORS

### *HONORS AND AWARDS*

Graduated with Honors, University of Michigan, 1984.

Honors in six subjects, Royal College of Surgeons in Ireland

Recipient of University of Alabama Caduceus Club Travel Fellowship, November 1989

University of Alabama Medical Student Representative, Southern Genetics Group, July 1990

Election to Alpha Omega Alpha, Alabama Alpha Chapter, October, 1990

UAB School of Medicine Garber Galbraith Medical Student Award for Excellence in Surgery: First annual recipient, May, 1991

Who's Who in Medicine and Healthcare, 4<sup>th</sup> edition, 2002, 2011.

Selected for membership in American Academy of Orthopaedic Surgeons Leadership Fellows Program, 2004-5.

Invited participant, 8<sup>th</sup> Annual Fellow's Alumni Day and 20<sup>th</sup> Annual Hip Day, Cincinnati Children's Hospital, Cincinnati, Ohio, April 23-24, 2004.

Washingtonian Magazine "Top Doctors" List, 2005, 2008, 2010, 2012. Best Doctors, Inc. "America's Best Doctors" 2008, 2011 list.

Northern Virginia Magazine "Best Doctors" Issue, February 2009, 2011, 2013.

Becker's Orthopedic Review. Orthopedic surgeon to know: Dr. Laurel Blakemore of UF Health Orthopaedics and Sports Medicine Institute. July 13, 2017.

Who's Who in the World, 35<sup>th</sup> edition, 2018.

Shriners Endowed Professorship in Pediatric Orthopaedics. October 2019.

Co-author, best clinical paper, Pediatric Orthopedic Society of North America

2020 Virtual Annual Meeting, May 13, 2020. (A) Larson N, presenter. Polly D, Sponseller P, Richards S, Garg S, Labelle H, Weinstein S, Shah S, Crawford III C, Oetgen M, Sanders J, Fletcher N, **Blakemore L**, Brearley A, Erickson M, Parent S, Aubin C, Sucato D. Prospective Randomized Controlled Trial of Implant Density in AIS: Results of the Minimize Implants Maximize Outcomes Study.

President Elect, University of Florida College of Medicine Faculty Council, 2020.

Coauthor, Whitecloud Award, Pediatric Orthopedic Society of North America

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Annual Meeting, Dallas Texas, May 12-15, 2021. Newton PO, Parent S, Miyajima F, **Blakemore LC**, Alanay A, Lonner B, Neal KM, Hoernschemeyer D, Yaszay B. Paper #7: The Harms Study Group Retrospective Comparison Study on Anterior Vertebral Body Tethering (AVBT) versus Posterior Spinal Fusion (PSF) for Primary Thoracic Curves

## PROFESSIONAL SOCIETIES

1990-	Alpha Omega Alpha, Alabama Chapter
1996-2009	Ruth Jackson Orthopaedic Society
1997-	University of Michigan Orthopaedic Society
1998-	American Academy of Orthopaedic Surgeons
1998-	Charles H. Herndon Orthopaedic Society
1998-2000	Cleveland Orthopaedic Society
1998-2000	Ohio Orthopaedic Society
1999-	Scoliosis Research Society
2000-	Pediatric Orthopaedic Society of North America
2001-2003	Academic Orthopaedic Society
2001-2004	Michigan Orthopaedic Society
2002-	Scoliosis Association, Inc
2003-2022	American Orthopaedic Association
2004-2011	Clinical Orthopaedic Society
2017-	International Pediatric Orthopedic Think Tank
2017-2020	Florida Orthopaedic Society
2017-2020	Association for Academic Women at the University of Florida
2020-	Northern Virginia Pediatric Society
2023-	Twentieth Century Orthopedic Association

## ADMINISTRATIVE DUTIES AND UNIVERSITY ACTIVITIES

### Departmental/Institutional:

1998-2001	Education Committee, Department of Orthopaedic Surgery, Case Western Reserve University, Cleveland, Ohio.
1998-2001	Pain Management Committee, Rainbow Babies and Children's Hospital, Cleveland, Ohio.
2001-2002	Curriculum Committee, Department of Orthopaedic Surgery, University of Michigan School of Medicine.
2001-2002	Call Committee, Department of Orthopaedic Surgery, University of Michigan School of Medicine.
2002-2003	GME Subcommittee on Moonlighting, University of Michigan School of Medicine.
2002-2003	Surgery Interdisciplinary Computer Access Committee, University of Michigan Medical Center.
2002-2004	Chairman, Education Committee, Department of Orthopaedic Surgery, University of Michigan School of Medicine.
2002-2004	Child Abuse and Safety Interdisciplinary Committee, Mott Children's Hospital.
2003-2005	Member, Orthopaedic Medical Student Educators Project 100 Workshop
2003- 2004	GME Subcommittee on Policies, University of Michigan School of Medicine.
2004-2013	Trauma Committee, Children's National Medical Center
2006-2008	First Case Start Committee, Children's National Medical Center
2007-2009	Medical Executive Committee, Children's National Medical Center

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2008-2009	Turnover Time Committee, Children's National Medical Center
2008-2010	Adult Care Committee, Children's National Medical Center
2009-2012	Management Staff Committee, Children's National Medical Center
2009-2012	Strategic Planning Committee, Children's National Medical Center
2011-2013	Blood Utilization Committee, Children's National Medical Center
2014-2018	Surgical Safety Committee, Shands UF Hospital.
2016-2020	Perioperative Services Value Analysis Committee, Shands UF Hospital.
2016-2020	Special Procedures Value Analysis Committee, Shands UF Hospital.
2017-2020	Compensation Committee, Department of Orthopedic Surgery, University of Florida.
2018-2020	Core Curriculum Committee, Department of Orthopaedic Surgery, University of Florida
2018-2020	Pediatric Surgery Chiefs' Committee, Shands Children's Hospital
2018-2020	Pediatric Trauma Committee, Shands Children's Hospital
2020-	Inova Children's Hospital Pediatric Service Line Leadership Council
2021-	Inova Children's Hospital Pediatric Service Line Performance Improvement Program
2021-	Inova Fairfax Hospital Guiding Coalition

## National/International:

### **American Academy of Orthopaedic Surgeons**

Member, Medical Student, Resident and Fellow Education Committee 2001-2006

Member, Orthopaedic Medical Student Educators 2003-5

Project 100 Workshop

**Co-Chair**, Subcommittee on Ethics and Professionalism

Member, Subcommittee on Resident Newsletter

Member, Ethics and Professionalism Committee 2006-2009

### **American Orthopaedic Association**

Academic Leadership Committee, 2007-2010

### **Best Children's Hospitals Orthopedic Working Group 2016-2020**

Reviews and modifies US News survey content for pediatric orthopedics

### **Florida Orthopaedic Society**

**Program Chair**, Pediatric Section 2017 and 2018

### **Pediatric Orthopaedic Society of North America**

Trauma and Prevention Committee 2004-2006

Membership Committee, 2006-2011

Treasurer's Committee 2007-2010

Advocacy Committee, 2008-2012

**Chair**, 2010-2011

Ad Hoc Committee on Pediatric Devices 2011-

Awards Committee 2011-2012

**Elected, Senior Member Board of Directors**, 2011-2013

Research Committee, 2012-2013

By Laws Committee 2014-2016

Industry Relations Committee 2016-2017

Nominating Committee 2016-2017

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Education/POSNA Academy Project Team 2016-2018  
Spine QSVI Committee 2020-

## **Pediatric Spine Study Group (formerly Growing Spine Study Group)**

Executive Committee Member  
Membership Subcommittee, Transitional Team, 2018-19  
**Program Co-Chair** ICEOS 2016-18  
Scoliosis 2016-18  
Research Group Leader Non-Operative RIG 2018-  
Member Growth Modulation Rig 2018-

## **Pediatric Spine Foundation**

Transition Executive Committee, 2018-2020  
Finance Committee member, 2021  
Treasurer Elect, 2021  
Treasurer, 2022-2-24

## **Scoliosis Research Society**

Member, Education Committee 2004-2011  
**Chair**, Education Committee 2006-2007  
Member, Worldwide Course Committee, 2006-2007.  
FOSA representative, 2007-2008  
Member, Growing Spine Committee, 2007-2011  
**Chair**, 2009-2010  
Nominating Committee, 2008-2011 (elected position)  
Program Committee, 2008-2012  
**Chair**, 2010-2011  
CME Committee 2009-2012  
Fellowship Committee, 2009-2013 (elected position)  
Chair elect, 2011-2012  
**Chair**, 2012-2013  
Member, Ad Hoc Task Force on Pediatric Devices, 2009-  
Awards and Scholarship Committee, 2010-2011  
Governance Council Member 2012-2013.  
Member, Worldwide Course Committee 2013-2016  
Member at Large, Board of Directors 2013-2016  
Investment Task Force 2014-  
Elected to Nominating Committee 2014-15  
**Chair**, Core Curriculum Task Force 2015-2019  
Member, Education Task Force 2016-2020  
Member, Health Policy Committee 2016-2019  
Secretary Elect 2017-2018  
**Secretary** 2018-2021  
Governance Council **Chair** 2018-2021  
EOS Module, Editorial Board and Hemivertebra **Team Leader**,  
2019-2020  
**Co-Chair**, Diversity, Equity and Inclusion Task Force 2020-  
Member, Strategic Planning Task Force 2020  
**Chair**, Diversity, Equity and Inclusion Committee 2022-23  
**Vice President**, 2022-2023

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## EDUCATIONAL ACHIEVEMENTS

### *COURSES TAUGHT*

Stryker MedED Pediatric Deformity Conference. June 4, 2021. Panel Discussion: OR set-up Optimized for efficiency and safety. Concurrent Session: Thoracic Tether-indications/outcomes and Thoracolumbar Tether.

Pediatric Orthopedic Society of North America Annual Meeting, Dallas Texas, May 12-15, 2021. Pre-Course Faculty: Building self-confidence and other skills: what surgeons can learn from other professions.

Stryker Spine Meeting of Minds: Session introduction, Laurel Blakemore, MD. Growth assessment and decision making in pediatric deformity and options for treatment of “Tweeners”. April 29, 2021

16th Annual International Pediatric Orthopaedic Symposium. Orlando, Florida. December 7, 2019. Concurrent Session- Spine/ Hand: Complex Spine and Upper Limb Conditions: Approach to Severe Scoliosis in SMA

16th Annual International Pediatric Orthopaedic Symposium. Orlando, Florida. December 5, 2019. Concurrent Session- Skeletal Dysplasias: Thoracolumbar Spine- Sagittal/ Coronal/ Stenosis.

16th Annual International Pediatric Orthopaedic Symposium. Orlando, Florida. December 5, 2019. CME Breakout Session- Spine: Cervical Spine : Application of a Halo for Pediatric Trauma

16th Annual International Pediatric Orthopaedic Symposium. Orlando, Florida. December 5, 2019. CME Breakout Session- Essentials of Pediatric Orthopaedics II: Spina Bifida

13th International Congress on Early Onset Scoliosis. Atlanta, Georgia. November 20, 2019. Pre-course Technique Session 1: Challenges in Management Thoracic Kyphosis with Growth Sparing Implants

25th International Meeting on Advanced Spine Techniques. Amsterdam, Netherlands. July 19, 2019. Stryker Spine workshop: Sagittal Plane Alignment in AIS.

25th International Meeting on Advanced Spine Techniques. Amsterdam, Netherlands. July 18, 2019. 3A: Early Onset Scoliosis: Staying Current in 2019: Refining What Works: Best Indications for Shilla, Growing Rods and VEPTR: Tips and Novel Constructs for Special Needs.

Pediatric Orthopaedic Society of North America Annual Meeting, Charlotte, North Carolina. May 17, 2019. Spine Subspecialty Day: Cutting Costs Not Corners: How to Lower Expenses without Sacrificing Care.

Meeting of Minds Advanced Spinal Deformity Symposium &



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Product Training. Barcelona, Spain. March 30, 2019. Debate: Growing Rod Spring vs. MCGR.

Meeting of Minds Advanced Spinal Deformity Symposium &  
Product Training. Barcelona, Spain. March 29, 2019. Creating Kyphosis: When and How?

Meeting of Minds Advanced Spinal Deformity Symposium &  
Product Training. Barcelona, Spain. March 29, 2019. Hands on Training  
Workshop: Double Major Curve Correction: Isolating the Curves

15th Annual International Pediatric Orthopaedic Symposium. Orlando, Florida. November 30, 2018. Concurrent Session 5 Adolescent Idiopathic and Early Onset Scoliosis- Before the Incision- Choosing Levels: My Three Rules for Choosing Lowest Instrumented Vertebra.

12th International Congress on Early Onset Scoliosis. Lisbon, Portugal. November 15-16, 2018. Session 7: How Do We Optimize Comprehensive Care in EOS? : Is There a Role for Using EOS Technology Beyond Skeletal Maturity?

12th International Congress on Early Onset Scoliosis 2018. Lisbon, Portugal. November 15–16, 2018. Pre Conference Session1: Technique  
Session 3: MCGR (Video).

53<sup>rd</sup> Annual Meeting Scoliosis Research Society, Bologna, Italy. October 10, 2018. Pre-Meeting Course: Physician Well Being for the Benefit of the Patient: How Can We Be Better for Everyone Else?

International Pediatric Orthopaedic Think Tank, Auckland, New Zealand, September 27, 2018. The Best Word in Education.

25th International Meeting on Advanced Spine Techniques, Los Angeles, California. July 12, 2018. My Worst Complication in Pediatric, Growing Spine and Neuromuscular Surgery and How I Treated It: Case Presentation.

25th International Meeting on Advanced Spine Techniques, Los Angeles, California. July 12, 2018. Pediatric Deformity: Case Presentation.

Pediatric Orthopaedic Society of North America Annual Meeting, Austin, Texas. May 11, 2018. Faculty POSNA Spine Subspecialty Day Program: Period 1: Debate #5: MCGR for Everyone vs TGR in Some Cases.

American Academy of Orthopaedic Surgeons, 83rd Annual Meeting, New Orleans, LA. March 6, 2018. Session 110, Video Assisted-Instructional Course: Correction Strategies and Implant Placement in Spine Deformity- How I do It.

International Pediatric Orthopedic Symposium, Orlando, Florida. November 30, 2017. Concurrent Session 4- Syndromes: Kyphosis Correction-How and Why.

International Pediatric Orthopedic Symposium, Orlando, Florida. November 30, 2017. General Session 1- Pediatric Trauma: What Every Provider Should Know in 2017-C-Spine.

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52<sup>nd</sup> Annual Meeting Scoliosis Research Society, Philadelphia, Pennsylvania. September 8, 2017.  
Lunchtime Symposium: Lessons Learned and Advice to Young Female Spine Surgeons.

52<sup>nd</sup> Annual Meeting Scoliosis Research Society, Philadelphia, Pennsylvania. September 7, 2017.  
Controversies in EOS: Growth Friendly Techniques for Early Onset Scoliosis (EOS) Debate Con:  
MCGR is a Flash in the Pan.

24<sup>th</sup> International Meeting on Advanced Spine Techniques (IMAST), Capetown SA. July 7, 2017.  
K2M Industry Breakout Speaker: Dual Rod  
Correction Techniques for Scoliosis.

2017 Florida Orthopaedic Society Annual Meeting. Key Largo, FL May 19, 2017. Dangerous  
Fractures Around the Knee.

International Pediatric Orthopedic Symposium, Orlando, Florida. December 7-10, 2016. Faculty:  
Top Gun Spine Session.

International Pediatric Orthopedic Symposium, Orlando, Florida,  
December 7-10, 2016. Authors Preferred Technique: Hemivertebrae  
Excision.

Magnetic Controlled Growing Rods Users' Meeting. Amsterdam, Netherlands. November 19-20,  
2016.

11th International Congress on Early Onset Scoliosis Utrecht, Netherlands. November 16-17 2016.  
Who Still Needs Traditional Growing Rods?

International Pediatric Orthopaedic Think Tank, Austin, Texas, October 20, 2016. Discovery and  
Dissemination: Marie Curie, Spine Surgery and Safely

Advancing Patient Care

Scoliosis Research Society World Wide Conference. Nusa Dua, Bali. August 11-13, 2016. Early  
Onset and Spondylolisthesis: Congenital- Classification and Indications.

Scoliosis Research Society World Wide Conference Nusa Dua, Bali. August 11-13, 2016.  
Adolescent Idiopathic Scoliosis: Fusion Levels and Instrumentation Planning for AIS.

Medcomtech Spine Open Meeting. Madrid, Spain. May 7, 2016. Spine Open Meeting: Cosmetic  
Procedures In AIS Still Valid Option? How To Achieve The Best Cosmetic Result.

Medcomtech Spine Open Meeting. Madrid, Spain. May 7, 2016. Spine Open Meeting:  
Complications of EOS Surgery.

Medcomtech Spine Open Meeting. Madrid, Spain. May 6, 2016. Spine Open Meeting:  
Thoracolumbar Injuries and Idiopathic Scoliosis Madrid, Spain. Update on Pediatric  
Thoracolumbar Fractures.

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- K2M Meeting of Minds: Chicago, Illinois. April 23, 2016. Complex Spine Session. Principles of Correction in Neuromuscular Deformities
- K2M Meeting of Minds: Chicago, Illinois. April 22, 2016. Adolescent Session Part 1: How I Use the Lenke Classification in 2016.
- American Academy of Orthopaedic Surgeons, 81st Annual Meeting, Orlando, Florida. March 5, 2016. Faculty, FOSA Specialty Day Program: The Role of Bracing in Pediatric Deformity.
- Faculty, Instructional Course Lecture #328, American Academy of Orthopaedic Surgeons, 81st Annual Meeting, Orlando, Florida. March 3, 2016. Adolescent Idiopathic Scoliosis: State of the Art and best Practices for 2016. Current Derotation Techniques; Prevention and Management of Complications in AIS Surgery.
- Faculty, Instructional Course Lecture #265, American Academy of Orthopaedic Surgeons, 81st Annual Meeting, Orlando, Florida. March 2, 2016. Congenital Scoliosis, Hemivertebra Resection: A Case-Based Approach.
- International Pediatric Orthopaedic Symposium: Lake Buena Vista, FL. December 10, 2015. Concurrent Session: Operative and Non-Operative
- Approaches to Spine Problems in Children. Spondylolysis Management in Athletes: My Approach.
- Scoliosis Research Society World Wide Conference. Pre-Meeting Course. Course in conjunction with SILACO, Lima, Peru. October 28th 2015. Fusion Level Selection in AIS Surgery; Case Presentation Panel 1 – AIS; Evidence Based Medicine in AIS Treatment.
- 50th Scoliosis Research Society (SRS) Minneapolis, Minnesota. September 30, 2015. Session 3: Early Onset Scoliosis. Evidence to Support Present Surgical Approaches to Early Onset Scoliosis.
- Scoliosis Research Society 50th Annual Meeting and Course Minneapolis, Minnesota. September 30th-October 3<sup>rd</sup>, 2015. Pre-Meeting Course Faculty. Early Onset Scoliosis: Evidence to Support Present Surgical Approaches to Early Onset Scoliosis.
- International Pediatric Orthopaedic Think Tank Vienna Austria, September 16th-19th 2015. Perspectives: SPINE Ingredients of a Career- What Does Not Kill You Makes You Stronger.
- 22nd International Meeting on Advanced Spine Techniques, Kuala Lumpur Malaysia. July 8th-11, 2015. Pediatric Deformity: Surgical Planning & Techniques, Advances in the Treatment of Congenital Scoliosis.
- 80th Annual Meeting American Academy of Orthopaedic Surgeons Las Vegas, Nevada. March 26, 2015. Faculty, Instructional Course Lecture #328, Congenital Scoliosis, Hemivertebra Resection: A Case-Based Approach
- 80th Annual Meeting American Academy of Orthopaedic Surgeons Las Vegas, Nevada. March 26, 2015. Faculty, Instructional Course Lecture

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#326, Adolescent Idiopathic Scoliosis: State of the Art and best Practices for 2015. Current Derotation Techniques; Prevention and Management of Complications in AIS Surgery.

American Association of Neurological Surgeons and the Scoliosis Research Society Spine Deformity Solutions: A Hands-On Course, Houston, Texas. April 9-11, 2015. Faculty, Pediatric Spinal Deformity.

30<sup>th</sup> Annual Meeting Orthopaedic Trauma Association, Tampa, Florida. October 15-17, 2014. Faculty, Orthopaedic Trauma Association's 2014 Resident Comprehensive Fracture Course, Pediatric Trauma Module.

49th Scoliosis Research Society Annual Meeting Pre-Course, Anchorage, Alaska. September 10, 2014. Course Faculty, Learning From Our Complications: The Complication I've Learned the Most From In Complex Deformity And What it Can Teach You.

21st International Meeting of Advanced Spinal Techniques Annual Meeting, Valencia, Spain. July 18, 2014. K2M Workshop Debate: "Should Thoracic Kyphosis Be Restored In Patients And How Much?"

21st International Meeting of Advanced Spinal Techniques Annual Meeting, Valencia, Spain. July 18, 2014. Instructional Course Lecture 10-A: Pediatric Deformity: Surgical Planning & Techniques.

Scoliosis Research Society World Wide Course (in collaboration with South African Spine Society), Cape Town, South Africa. May 29-31, 2014. Faculty, Challenges of Neuromuscular Scoliosis; Post-op Infection Prevention and Management; Neuromonitoring; Principles of Early Onset Scoliosis Management; Approaches to Scheurmann's Kyphosis.

Meeting of the Minds: Advanced Spinal Deformity Treatment. Washington, D.C. April 5-6, 2014. Faculty, Principles and Classification of EOS;

Treatment of Congenital Hemivertebra, Early Onset Deformity Correction; Sagittal Plane Correction in the Small Stature Patient.

79th American Academy of Orthopaedic Surgeons, Annual Meeting, New Orleans, Louisiana. March 11, 2014. Faculty, Instructional Course Lecture #124, Congenital Scoliosis: Hemivertebra Resection; The Use of the O-arm in Congenital Spinal Deformity.

79th American Academy of Orthopaedic Surgeons, Annual Meeting, New Orleans, Louisiana. March 11, 2014. Faculty, Technical Skills Course #11493, Posterior Spinal Osteotomies for Pediatric Spinal Deformities.

10<sup>th</sup> Pediatric Orthopaedic Society of North America, Ontario, Canada. May 3, 2013. Period 3; Surgical techniques: a. Derotation: My preference is...

Deformity Down Under Annual Meeting. Sydney, Australia. April 5-6, 2013. Invited Faculty, Modern Corrective Techniques in the Growing Spine. What are the Advances in Neuromonitoring

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Over the Past Decade and are Our Patients Safer? My Technique for Growing Rods.

78th American Academy of Orthopaedic Surgeons, Annual Meeting, Chicago, Illinois. March 20, 2013. Faculty, Surgical Skills Course,

Posterior Corrective Techniques for Pediatric Spinal Deformities.

9<sup>th</sup> International Pediatric Orthopaedic Symposium, Orlando, Florida. November 28-December 1, 2012. Faculty Member, Cervical Spine Injuries Reducing Peri-Op Neuromuscular Spine Complications Challenging Cases in Pediatric Deformity.

Fall Deformity Symposium Las Vegas, Nevada. November 9, 2012. Course Faculty, Posterior Osteotomies: Step by Step.

Innovative Solutions for Spinal Deformity September 20-21, 2012, Memphis Tennessee. Course Faculty, – Addressing Surgical Complications. De-rotation Techniques and Associated Challenges: Modified/Two Rods at Once Not Seated.

47<sup>th</sup> Scoliosis Research Society Annual Meeting Pre-Course. Chicago, Illinois. September 5, 2012, Course Faculty, What Are the Advances in Neuro-monitoring Over the Past Decade and Are Our Patients Safer?

Pediatric Orthopaedic Society of North America Annual Meeting: Spine Symposium. Denver, Colorado. May 17, 2012, Course Faculty. My Method For De-rotation: Dual Rod Rotation.

American Medical Women's Association. Miami, Florida. May 31, 2012, Course Faculty, Women in Spine. Challenges in Pediatric and Adolescent Deformity.

Complications in Spinal Deformity Surgery. New Orleans, Louisiana. May 4, 2012, Course Faculty, Challenges in Pelvic Fixation.

Advanced Techniques in Complex Pediatric Spine Surgery: A Hands-on Human Anatomic Specimen Course. Miami, Florida. March 23 – 24, 2012, Course Faculty, Casting Techniques; Growing Rods: Tips and Pearls.

5<sup>th</sup> International Congress on Early Onset Scoliosis and Growing Spine. Orlando, Florida. November 18-19, 2011, Program Committee/Course Faculty.

Scoliosis Research Society Pre-Meeting Course on Spinal Deformity at the XI Congress SILACO, Buenos Aires, Argentina. October 13-15, 2011. Course Faculty, Anterior vs. Posterior Approach in Thoracolumbar Curves.

Current Controversies in Deformity Surgery, Las Vegas, Nevada. October 7, 2011. Course Faculty, Posterior Osteotomies and Reduction Techniques in Scheurman's Kyphosis.

46th Scoliosis Research Society Annual Meeting, Louisville, Kentucky, September 16, 2011. Faculty, Instructional Course Lecture, Growth Sparing Treatment of Neuromuscular Early Onset Spinal Deformity: Casts and Orthotics.

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46th Scoliosis Research Society Annual Meeting, Louisville, Kentucky, September 14, 2011. Faculty, Pre-Meeting Course, Session Coordinator, Pediatric Session: Pre-op Evaluation and Decreasing Errors.

76th American Academy of Orthopaedic Surgeons, Annual Meeting, San Diego, California. February 19, 2011. Faculty POSNA Specialty Day Program: Debate #3: Treatment for a Symptomatic L5-S1 Spondylolisthesis in a Pediatric Patient is a Pedicle Screw Reduction and Fusion..

76th American Academy of Orthopaedic Surgeons, Annual Meeting, San Diego, California. February 19, 2011. Faculty FOSA Specialty Day Program: Spinal Cord Injury and Major Neurologic Loss.

76th American Academy of Orthopaedic Surgeons, Annual Meeting, San Diego, California. February 18, 2011. Faculty and Chair, Instructional Course #427: Pediatric Spine Trauma.

Current Controversies in Deformity Surgery, Las Vegas, Nevada. November 5, 2010. Course Faculty, Posterior Osteotomies and Reduction Techniques in Scheurman's Kyphosis; What to Do If you Lose Neuromonitoring.

75th American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, Louisiana. March 11, 2010. Faculty, Instructional Course #267: Pediatric Spine Trauma.

SRS and EOA Spine Course. Scoliosis Research Society and Egyptian Orthopaedic Society Combined Meeting Regional Meeting, Cairo, Egypt. December 14-16, 2009. Faculty, Cervical Spine Issues in the Pediatric Athlete; Growing Rods Have Too Many Complications; Congenital Cervical Spine.

International Congress on Early Onset Scoliosis, Istanbul, Turkey. November 20-21, 2009. Course Faculty, Lunchtime workshop: Three-Dimensional Correction of Adolescent Deformities.

Complex Spine Study Group Course, Warsaw, Poland. October 24, 2009.

Course Faculty, Three-Dimensional Correction of Adolescent Deformities.

Scoliosis Research Society Pre-Meeting Course, San Antonio, Texas. September 23, 2009. Course Faculty, Preoperative Decision Making in Neuromuscular/Congenital Scoliosis (when to operate and when to say no).

Complications in Deformity Surgery, Ft. Lauderdale, Florida. May 22, 2009. Course Faculty, Challenges in Correcting Pelvic Obliquity. May 19, 2009 Webinar presentation for the American Academy of Orthopaedic Surgeons. Pediatric Trauma: Pediatric Forearm Fractures.

Pediatric Orthopaedic Society of North America Boston, MA. April 29, 2009. Faculty Member, One-Day Course, 2009. Adolescent Idiopathic Scoliosis: Understanding the Deformity and Current Treatment. Growing Rods: Indications and Tricks.

## CURRICULUM VITAE

- 74<sup>th</sup> American Academy of Orthopaedic Surgeons, Annual Meeting, Las Vegas, Nevada. February 25, 2009. Faculty, Instructional Course #149: Pediatric Spine Trauma.
- 74<sup>th</sup> American Academy of Orthopaedic Surgeons, Annual Meeting, Las Vegas, Nevada. February 25, 2009. Faculty, Instructional Course #107: Approaches to the Very Young Child with Spinal Deformity: What's New and What Works?
- International Pediatric Orthopaedic Symposium, Orlando, Florida. December 3-6, 2008. Faculty Member, Essentials Part I: Spine Disorders, Essentials Part II: Infections and Fractures, Evaluation and Management of Back Pain, Monteggia Fractures
- British Scoliosis Society Annual Meeting, London, United Kingdom. September 25, 2008. Faculty, Instructional Course: Posterior Instrumentation of the Spine- Occiput to Pelvis: Sacral Fixation.
- 73<sup>rd</sup> American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, California. March 7, 2008. Faculty, Instructional Course #327: Approaches to the Very Young Child with Spinal Deformity: What's New and What Works?
- 73<sup>rd</sup> American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, California. March 6, 2008. Faculty, Symposium: Spine Problems in Young Athletes: C-spine issues.
- Advanced Techniques in Deformity Surgery for Pediatric Spine Surgeons.
- Dallas, Texas. April 20-21, 2007. Faculty.
- 72<sup>nd</sup> American Academy of Orthopaedic Surgeons, Annual Meeting, San Diego, CA. February 16, 2007. Faculty, Instructional Course #330: Approaches to the Very Young Child with Spinal Deformity: What's New and What Works?
- Scoliosis Research Society Annual Meeting. Monterey, California. September 14. 2006. Faculty, Lunchtime Instructional Course Lecture: When the Experts Avoid Their Favorite Techniques.
- Scoliosis Research Society Pre-Course Annual Meeting. Monterey, California. September 13. 2006. Faculty, Modern Techniques in Spinal Deformity: Is the Evidence as Good as the Theory?
- 71<sup>st</sup> American Academy of Orthopaedic Surgeons, Annual Meeting, Chicago. March 24, 2006. Faculty, Orthopaedic Educator's Update, Illinois.
- DePuy Advanced Deformity Peer to Peer Meeting, New York City, New York. December 16-17, 2005. Faculty.
- Current Techniques and Advances in the Treatment of Spinal Deformities, Phoenix, Arizona. November 19, 2005. Faculty,
- 38<sup>th</sup> American Academy of Orthopaedic Surgeons Annual Meeting. Lisle, Illinois. November 6-11, 2005. Faculty, Course for Orthopaedic Educators.

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DePuy Deformity Summit, Phoenix, Arizona. April 8-10, 2005. Faculty.

72<sup>nd</sup> American Academy of Orthopaedic Surgeons Annual Meeting, Washington, D.C. March 22, 2005. Faculty, Orthopaedic Educator's Update.

71<sup>st</sup> American Academy of Orthopaedic Surgeons, Annual Meeting, San Francisco, California. March 12, 2004. Faculty, Orthopaedic Educator's Update.

37th American Academy of Orthopaedic Surgeons Annual Course for Orthopaedic Educators. Lisle, Illinois. November 13-19, 2004. Faculty, Course.

36th American Academy of Orthopaedic Surgeons Annual Course for Orthopaedic Educators Monticello, Illinois. November 8-14, 2003. Faculty, Course.

## **COURSES DEVELOPED**

International Congress on Early Onset Scoliosis, Lisbon, Portugal. November 15-16, 2018. Program Co-Chair.

International Pediatric Orthopedic Symposium, Orlando, Florida, November 30, 2017. "Top Gun" Spine Section Chair.

International Congress on Early Onset Scoliosis, San Diego, California. November 15-18, 2017. Program Co-Chair.

73<sup>rd</sup> Scoliosis Research Society Annual Meeting. San Francisco, California. March 8, 2008. Course Director and speaker, portion of Federation of Spine Associations Specialty Day Program: Best Practices in Deformity Surgery.

Scoliosis Research Society Pre-Course. Edinburgh, Scotland. September 5, 2007. Course Director, Update on Congenital Scoliosis

Synthes Spinal Instrumentation Course, University of Michigan School of Medicine, Ann Arbor, Michigan. January 11-12, 2002. Course Chairman.

## **EDUCATIONAL ACHIEVEMENTS**

### **VISITING PROFESSORSHIPS AND EXTRAMURAL INVITED PRESENTATIONS**

Visiting Professor, University of Miami Department of Orthopedic Surgery, Miami Florida, April 4, 2022. The Power of Growth (for Good and Evil) in the Immature Spine.

AO North America One AO Meeting. Phoenix, Arizona. February 9, 2020. Invited speaker/panelist- Culture Diversity in Medicine: Diversity and Inclusion in healthcare and in the AO, Panel Discussion.



## CURRICULUM VITAE

Invited Speaker, Grand Rounds, Sacred Heart Hospital and The Studer Family Children's Hospital. Pensacola Florida, August 20, 2019. What's New in the Treatment of Scoliosis in Children and Adolescents?

Invited Speaker, Grand Rounds, Tallahassee Pediatric Foundation. Tallahassee, Florida, June 10, 2019. Update on the Evaluation and Treatment of Scoliosis.

Laura B. Flawn Endowed Professorship in Disease of the Spine & Spine Trauma. Austin, Texas. October 22-23, 2018. Grand Rounds: Current Best Practices in Early Onset Scoliosis Treatment. Keynote Speaker: Update on Evaluation and Treatment for Idiopathic Scoliosis.

21<sup>st</sup> Annual Frederick J. Fischer Pediatric Orthopaedic Lectureship. Ann Arbor, Michigan, University of Michigan. April 20<sup>th</sup>, 2018. The Power of Growth (For Good and Evil) in the Immature Spine.

Andalusian Annual Spine Conference. Keynote Lecturer. Seville, Spain. April 6-7, 2018. Complex Pediatric Spinal Deformities.

Visiting Lecturer, Groote Schuur Hospital, Cape Town, South Africa, May 28, 2014. Update on Treatment Advances in Early Onset Scoliosis.

Charles LeRoy Lowman Visiting Professor, University of California Los Angeles and Orthopaedic Institute for Children, Los Angeles, California, April 10-11, 2014. Non-Accidental Trauma in Children, Current Concepts in Early Onset Scoliosis.

Invited International Faculty, National Rehabilitation Institute Eduardo Luque Spine Symposium, Mexico City, Mexico, January 30-31, 2014.

Respiratory Function and the Anterior Approach, Understanding the New Classification Systems, The Use of All Pedicle Constructs, The Indications for Thoracoscopy, Anterior vs. Posterior Approaches, Early Onset Scoliosis, Congenital Kyphosis.

Visiting Professor, University of Virginia Orthopaedic Surgery, Charlottesville, Virginia, April 23-14, 2013. Challenges in the Treatment of Early Onset Scoliosis. Protocols for Management of Pediatric Cervical Spine Injuries.

Visiting Professor, Children's Hospital of Atlanta/Atlanta Scottish Rite Hospitals, Atlanta, Georgia, November 7, 2012. Treatment of Early Onset Scoliosis.

American Syringomyelia and Chiari Alliance Project Annual Conference, Washington, DC, May 19<sup>th</sup>, 2012. Invited lecturer: Scoliosis in Patients with Neural Axis Abnormalities.

West Virginia University School of Medicine Fifteenth Annual Jack Pushkin Lecturer, Orthopedic Resident Research Day, May 27, 2011. Management of Spinal Deformity in the Growing Child; Cervical Spine Injuries in the Young Athlete.

Michigan State University Orthopaedic Surgery Education Day, Troy, Michigan, November 10, 2010. Cervical Spine Injuries in Athletes.

## CURRICULUM VITAE

Guest Speaker, Charter Day Meeting: Focus on Pediatric Orthopaedic Surgery. Royal College of Surgeons in Ireland, Dublin, Ireland, February

19, 2010. The Neuromuscular and Syndromic Hip; Fractures About the Immature Knee.

The 6th Annual Robert N. Hensinger Lectureship, University of Michigan Department of Orthopaedic Surgery, Ann Arbor, Michigan, November 4, 2011. Invited panelist, case presentations.

Visiting Professor, Division of Pediatric Orthopaedic Surgery, University of Cincinnati, Cincinnati, Ohio June 16-17, 2009. Orthopaedic Aspects of Child Abuse; Management of Severe Scoliosis in the Growing Child; Cervical Spine Injuries in Children and Adolescents.

Visiting Professor, Hensinger Day, University of Michigan Department of Orthopaedic Surgery, Ann Arbor, Michigan. April 27, 2009. Management of Severe Scoliosis in the Growing Child.

Visiting Professor, Arnold Palmer Hospital for Children, Orlando, Florida. March 26-27, 2009. Cervical Spine Injuries in Children and Adolescents; Treatment of High-Grade Spondylolisthesis; Treatment Options for Early Onset Scoliosis.

GH Monitor Investigator's Meeting, Washington, D.C, May 17, 2004. Understanding, Diagnosing and Monitoring Scoliosis.

Northwestern University Department of Orthopaedic Surgery, Twenty-Sixth Annual Resident Alumni Thesis Day, Chicago, Illinois, May 7, 2004. Shoulder Problems in the Adolescent Athlete.

American Academy of Orthopaedic Surgeons Specialty Day, Pediatric Orthopaedic Society of North America, San Francisco, California, March 13, 2004. Shoulder Problems in the Adolescent Athlete.

Department of Orthopaedic Surgery Grand Rounds, University of Cincinnati, Cincinnati, Ohio, January 20, 2004. Management of the Female Adolescent Athlete.

Michigan State University Orthopaedic Surgery Education Day, Troy, Michigan, December 10, 2003. Cervical Spine Fractures in Children.

American Academy of Pediatrics Meeting, New Orleans, Louisiana. November 3, 2003. Challenges in the Treatment of the Female Adolescent Athlete.

Ruth Jackson Society Biennial Meeting, Rosemont, Illinois, October 24-26, 2003. Recruitment of Women In Orthopaedic Surgery Residency Programs.

Michigan State University Orthopaedic Surgery Education Day, Novi, Michigan, March 13, 2002. Scoliosis Update 2002.

Thirteenth Annual O. Carlyle Brock Memorial Lecture, Erie, Pennsylvania, November 17, 2000. Submuscular Isola Rods With and Without Limited Apical Fusion in the Management of Severe

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Spinal Deformities in Young Children.

Department of Surgery Grand Rounds, University of Michigan Medical Center, Ann Arbor, Michigan, September 7, 2000: Videoscopic-Assisted Spine Surgery in the Management of Spinal Deformity in Children.

## GRANTS

1. SRS grant support: (PI Michael Vitale, MD)“Development and Validation of a Self-Reported Health-Related Quality of Life Questionnaire for Children with Early Onset Scoliosis (EOSQ-self): A Multicenter Prospective Cohort Study” UF CTSI Translational Pilot Program (TPP)

## PUBLICATIONS

### Peer-Reviewed Publications

1. Henstenburg, J., Heard, J., Sturm, P., Blakemore, L., Li, Y., Innow, S. B., Shah, S. A., & Pediatric Spine Study Group (2023). Does Transitioning to a Brace Improve HRQoL After Casting for Early Onset Scoliosis?. *Journal of pediatric orthopedics*, 43(3), 151–155. <https://doi.org/10.1097/BPO.0000000000002347>
2. Shaw, K. A., Welborn, M. C., Matsumoto, H., Parent, S., Sachwani, N., El-Hawary, R., Skaggs, D., Newton, P. O., Blakemore, L., Vitale, M., Samdani, A., Murphy, J. S., & Pediatric Spine Study Group (2022). To tether or fuse? Significant equipoise remains in treatment recommendations for idiopathic scoliosis. *Spine deformity*, 10(4), 763–773. <https://doi.org/10.1007/s43390-022-00497-6>
3. Catanzano AA Jr, Newton PO, Bastrom TP, Bartley CE, Parent S, Miyanji F, Hoernschemeyer DG, Alanay A, Blakemore L, Neal K, Lonner B, Haber L, Shah SA, Yaszay B; Harms Non-Fusion Study Group Spontaneous Lumbar Curve Correction Following Vertebral Body Tethering of Main Thoracic Curves. *J Bone Joint Surg Am*. 2022 Sep 21;104(18):1629-1638. doi: 10.2106/JBJS.21.01500. Epub 2022 Jul 18. PMID: 35852153
4. Blakemore LC Building Self-Confidence and Other Skills: What Surgeons Can Learn From Other Professions..*J Pediatr Orthop*. 2022 May-Jun 01;42(Suppl 1):S32-S34. doi: 10.1097/BPO.0000000000002088. PMID: 35405699
5. Williams B, Gil J N, Oduwole S, Blakemore LC. Semirigid Fiberglass Casting for the Early Management of Clubfoot: A Single-Center Experience. *Cureus* 14(2): e22683. doi:10.7759/cureus.22683.
6. Swany LM, Larson AN, Milbrandt TA, Sanders JO, Neal KM, Blakemore LC, Newton PO, Pahys JM, Cahill PJ, Alanay A. Inter- and intra-rater reliability and accuracy of Sanders Skeletal Maturity Staging System when used by surgeons performing vertebral body tethering. *Spine Deform*. 2022 Jan;10(1):97-106. doi: 10.1007/s43390-021-00386-4. Epub 2021 Jul 22.
7. Williams BA, Phillips SA, Matthias RC, Blakemore LC. Buckling Down on Torus Fractures - Assessing Treatment Preferences and Perceived Management Barriers at a Single Institution. *Iowa Orthop J*. 2020;

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40(2): 12–20.. PMID: 7894062.

8. Williams BA, Palumbo NE, Phillips SA, Blakemore LC. What They Want - Caregiver and Patient Immobilization Preferences For Pediatric Buckle Fractures of the Wrist. *Iowa Orthop J.* 2020;40(1):83-90. PMID: 32742213
9. Srisooksai G, Mohamed BA, Martin PA, Blakemore LC, Seubert CN. Transcranial Motor Evoked Potential Monitoring in a Patient With a Deep Brain Stimulator: A Case Report. *J Clin Neurophysiol.* 2020 May 26. doi: 10.1097/WNP.0000000000000705. Online ahead of print.
10. Williams BA, McClung A, Blakemore LC, Shah SA, Pawelek JB, Sponseller PD, Parent S, Emans JB, Sturm PF, Yaszay B, Akbarnia BA, Pediatric Spine Study Group. MRI utilization and rates of abnormal pretreatment MRI findings in early-onset scoliosis: review of a global cohort. *Spine Deformity.* 2020;Epub ahead of print, Apr 24 (DOI: 10.1007/s43390-020-00115-3)
11. Bonsignore-Opp, L; Murphy, J; Skaggs, D; Cahill, P; Blakemore, L; Parent, S; Samdani, A; Hilaire, T.; Vitale, M; Pediatric Spine Study Group. Growth Modulation for Childhood Scoliosis: Where Have We Come From and Where Are We Going? *Journal of POSNA.* 2019 Nov 3; 1(1)2019 Inaugural Issue/ Spine. [www.jposna.org](http://www.jposna.org)
12. Tams C, Dooley CD, Sangari TS, Gonzalez-Rodriguez SN, Stoker RE, Phillips, SA, Koenig M, Wishin JM, Molinari SC, **Blakemore LC**, Seubert CN. Methadone and a Clinical Pathway in Adolescent Idiopathic Scoliosis Surgery: A Historically Controlled Study. *Global Spine Journal.* 2019 Sept. Online ISSN: 2192-5690
13. William BA, Guerrero A, **Blakemore LC**, Frick SL. Surveying the POSNA Landscape: What Can We Learn From Society Survey Studies? *J Pediatr Orthop.* 2019 Apr 23. PMID: 31022015
14. Williams BA, Alvarado CA, Montoya-Williams DC, Matthias RC, **Blakemore LC**. Buckling Down On Torus Fractures: Has Evolving Evidence Affected Practice? *J Child Orthop.* 2018 Apr 1;12(2):123-128. PMID: 29707050
15. Oetgen ME, Matthews AL, Wang Y, **Blakemore L**, Pawelek J, McClung A, Sponseller P, Sanchez Perez-Grueso F, Akbarnia B. 2017. Radiographic outcome differences in growing rod constructs using tandem vs. wedding band connectors. *Spine Deformity.* <https://doi.org/10.1016/j.jspd.2015.09.022>.
16. Oetgen ME, Matthews AL, Martin BD, Hanway J, Kelly S, **Blakemore L**. 2017. Radiographic Resource Utilization in the Initial Referral and Evaluation of Patients with Adolescent Idiopathic Scoliosis. *Journal of the American Academy of Orthopaedic Surgeons* (Ref.: Ms. No. JAAOS-D-17-00142R1)
17. Williams BA(r), McFadden J, Teurlings T, and **Blakemore LC**. 2016. Injuries at an Annual Motocross Competition: Rates and Severity. *J Pediatr Orthop.* 2017 Apr/May; 37(3):e168-e173. PMID: 27636910.
18. Farley FA, **Blakemore LC**. Congenital Scoliosis: A Case-Based Approach. Instructional Course Lect. 2017 Feb 15; 66:475-480. PMID: 28594523.
19. Nemani V, Karol L, **Blakemore LC**, Widman R, and Greene DW. 2016.

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Adolescent Idiopathic Scoliosis: Update on Bracing, Surgical Techniques, and Patient Safety. *J Am Acad Orthop Surg*, Instr Course Lect. 2017 Feb 15; 66:481-494. PMID: 28594524.

20. **Blakemore L**, Schwend R, Akbarnia BA, Dumas M, and Schmidt J. 2016. April 30. Growth Patterns of the Neurocentral Synchronosis (NCS) in Immature Cadaveric Vertebra. *J Pediatr Orthop*. March 2018.  
PMID: 27137907
21. Floccari LV, Larson AN, Crawford CH 3rd, Ledonio CG, Polly DW, Carreon LY, and **Blakemore L**. 2016 April 13. Minimize Implants Maximize Outcomes Study Group. Which Malpositioned Pedicle Screws Should Be Revised? *J Pediatr Orthop*. 2018 Feb;38(2):110-115. PMID:27078232
22. Schwend RM, Schmidt JA, Reigrut JL, **Blakemore LC**, Akbarnia BA. Letter to the Editor: Response to Grivas et al. *Spine Deformity*. 2015 Nov;3(6):610-611.  
Epub 2015 Oct 28. PMID: 27927565
23. Schwend RM, Schmidt JA, Reigrut JL, **Blakemore LC**, Akbarnia BA. Letter to the Editor Concerning: Patterns of Rib Growth in the Human Child". *Spine Deformity* 3 2015 Nov. 297-302. PMID: 27927564.
24. Schwend RM, Schmidt JA, Reigrut JL, Blakemore LC, Akbarnia BA. Patterns of Rib Growth in the Human Child. *Spine Deformity*. Volume 3 (July 2015) PP 297-302. PMID: 27927473
25. Akbarnia BA, Yaszay B, Yazici M, Kabirian M, **Blakemore L**, and Glaser D.  
2014. Biomechanical Evaluation of 4 Different Foundation Constructs Commonly Used in Growing Spine Surgery: Are Rib Anchors Comparable to Spine Anchors?  
<http://dx.doi.org/10.1016/j.jspd.2014.04.001>
26. Sheha ED, Hammouri Q, Snyder BD, Campbell RM Jr, Vitale MG, and POSNA/SRS Task Force for Pediatric Medical Devices. 2014. Off-label use of pediatric orthopaedic devices: important issues for the future. *J Bone Joint Surg*. Member of the POSNA/SRS Task Force for Pediatric Medical Devices. Responsible for editing, commenting, approval of the report.
27. Williams BA, Matsumoto H, McCalla DJ, Akbarnia BA, **Blakemore LC**, Betz RR, Flynn JM, Johnston CE, McCarthy RE, Roye DP Jr, Skaggs DL, Smith JT, Snyder BD, Sponseller PD, Sturm PF, Thompson GH, Yazici M, and Vitale MG. 2014. Development and Initial Validation of the Classification of Early-Onset Scoliosis (C-EOS). *J Bone Joint Surg Am*. Aug 20;96(16): 1359-67.
28. Corona J, Miller DJ, Downs J, Akbarnia BA, Betz RR, **Blakemore LC**, Campbell RM Jr, Flynn JM, Johnston CE, McCarthy RE, Roye DP Jr, Skaggs DL, Smith JT, Snyder BD, Sponseller PD, Sturm PF, Thompson GH, Yazici M, and Vitale MG. 2013. Evaluating the extent of clinical uncertainty among treatment options for patients with early-onset scoliosis. *J Bone Joint Surg*. 15;95(10):e67.<http://dx.doi.org/10.2106/JBJS.K.00805>
29. Schwend RM, **Blakemore LC**, Akbarnia BA, Reigrut JL, Schmidt JA. Coupled Symmetry and Proportional Expansion of the Ribs through Adolescence. 2012 Oct. *J Child Orthop* (2012) 6:439–459  
<https://doi.org/10.1007/s11832-012-0438-7>

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30. **Blakemore LC**, Perez-Grueso FJS, Cavagnaro M, and Shah S. 2012. Preoperative Evaluation and Decreasing Errors in Pediatric Spine Surgery. *Spine Deformity*. Preview Issue. September: 39-45. <http://dx.doi.org/10.1016/j.jspd.2012.05.005>
31. Tis JE, Karlin LI, Akbarnia BA, **Blakemore LC**, Thompson GH, McCarthy RE, Tello CA, Mendelow MJ, and Southern EP. 2012. Growing Spine Committee of the Scoliosis Research Society. Early onset scoliosis: modern treatment and results. *J Pediatr Orthop*. 32(7): 647-57.
32. Lindhurst MJ, Sapp JC, Teer JK, Johnston JJ, Finn EM, Peters K, Turner J, Cannons JL, Bick D, **Blakemore L**, Blumhorst C, Brockmann K, Calder P, Cherman N, Deardorff MA, Everman DB, Golas G, Greenstein RM, Kato BM, Keppler-Noreuil KM, Ng D, Kuznetsov SA, Miyamoto RT, Newman K, O'Brien K, Rothenberg S, Schwartzenruber DJ, Singhal V, Tirabosco R, Upton J, Wientroub S, Zackai EH, Hoag K, Whitewood-Neal T, Robey PG, Schwartzberg PL, Darling TN, Tosi LL, Mullikin JC, and Biesecker LG. 2011. A mosaic activating mutation in AKT1 associated with the proteus syndrome. *N Engl J Med July 27*. 10: 1056:1-8.
33. Poulter G, Garton H, **Blakemore LC**, Hensinger RN, Graziano GP, and Farley FA. 2009. Morbidity and mortality associated with correction of cervical hyperextension. *Spine*. Feb 15;34(4): 378-383.
34. Reagan J, and **Blakemore LC**. 2009. Competitiveness Can Undermine Team Goals. Volume 11, Number 5: 368-372. *AMA J of Ethics*. Commentary by Jeffrey Reagan, MD, and Laurel C. Blakemore, MD
35. Farley FA, Patel P, Craig CL, **Blakemore LC**, Hensinger RN, Zhang L, Caird MS. Pediatric supracondylar humerus fractures: treatment by type of orthopedic surgeon. *J Child Orthop*. 2008 Mar;2(2):91-5.
36. Bedi A, Srinivasan RC, **Blakemore LC**, and Graziano G. 2008. Case Report: L2 Chordoma in a Pediatric Patient. *Am J Orthop*. Jul;37(7): E121-5.
37. Weinzapfel B, Son-Hing JP, Armstrong DG, **Blakemore LC**, Poe-Kochert C, and Thompson GH. 2008. Fusion rates after thoracoscopic release and bone graft substitutes in idiopathic scoliosis. *Spine*. 2008. 33: 1079-83.
38. Son-Hing JP, **Blakemore LC**, Poe-Kochert C, and Thompson GH. 2007. Video-assisted thoracoscopic surgery in idiopathic scoliosis: evaluation of the learning curve. *Spine*. 15:32: 703-7.
39. Pinney SJ, Mehta S, Pratt DD, Sarwark JF, Campion E, **Blakemore L**, and Black KP. 2007. Orthopaedic surgeons as educators. Applying the principles of adult education to teaching orthopaedic residents. *J Bone Joint Surg Am*. Jun;89(6): 1385-92.
40. Moyad T, and **Blakemore LC**. 2006. The Modified Galeazzi Technique for Recurrent Patellar Dislocation in Children. *Orthopaedics*. 4:302-4.

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41. Florentino-Pineda I, Thompson GH, Poe-Kochert C, Huang RP, Haber LH, and **Blakemore LC**. 2004. The effect of amicar on perioperative blood loss in idiopathic scoliosis: the results of a prospective, randomized double-blind study. *Spine*. 29: 233-238.
42. **Blakemore LC**, Hall JM, and Biermann JS. 2003. Women in Surgical Residency Training Programs. *J Bone Joint Surg*. 85(A): 2477-2480.
43. Kaar, Scott G; Cooperman, DR; Blakemore, Laurel C; Thompson, G; Petersilge, CA; Elder, JS; Heiple, KG. 2002. Association of Bladder Exstrophy with Congenital Pathology of the Hip and Lumbosacral Spine: A Long-Term Follow-Up Study of Thirteen Patients. *Journal of Pediatric Orthopaedics*. 22: 62-66.
44. Grisoni N, Connor S, Marsh E, Thompson GH, Cooperman DR, and **Blakemore LC**. 2002. Pelvic fractures in a pediatric level I trauma center. *Journal of Orthopaedic Trauma*. 16: 458-63.
45. Florentino-Pineda I, **Blakemore LC**, Thompson GH, Poe-Kochert C, Adler P, and Tripi P. 2001. The effect of epsilon-aminocaproic acid on perioperative blood loss in patients with idiopathic scoliosis undergoing posterior spinal fusion: a preliminary prospective study. *Spine*. 26: 1147-1151.
46. **Blakemore LC**, Scoles PV, Poe-Kochert C, and Thompson GH. 2001. Submuscular Isola rods with and without limited apical fusion in the management of severe spinal deformities in young children. *Spine*. 26: 2044-2048.
47. **Blakemore LC**, Cooperman DR, and Thompson GH. 2000. The rigid flatfoot. Tarsal coalitions. *Clinics in Podiatric Medicine & Surgery*. 17: 531-555.
48. **Blakemore LC**, Cooperman DR, Thompson GH, Wathey C, and Ballock RT. 2000. The incidence of compartment syndrome in ipsilateral fractures of the humerus and forearm in children. *Clinical Orthopaedics and Related Research*. 376: 32-8.
49. Loder RT, **Blakemore LC**, Farley FA, and Laidlaw, AT. 1999. Measurement variability of slipped capital femoral epiphysis. *Journal of Orthopaedic Surgery*. 7(1): 33-42.
50. **Blakemore LC**, Cooperman DR, and Thompson GH. 1998. The rigid flatfoot: tarsal coalitions. *Foot and Ankle Clinics of North America*. 3: 609-631.
51. **Blakemore LC**, Loder RT, and Hensinger RN. 1996. The role of intentional injury in children 1 to 5 years of age with isolated femoral shaft fractures. *Journal of Pediatric Orthopaedics*. 16: 585-588.
52. Hilibrand A, **Blakemore LC**, Greenfield ML, Loder RT, Farley FA, Hensinger RN, and Hariharan M. 1996. The role of melatonin in the pathogenesis of idiopathic scoliosis. *Spine*. 21: 1140-1146.

# CURRICULUM VITAE

## Book Chapters

1. Schwend, R. M., Hennrikus, W. L., & **Blakemore, L. C.**, MD. (2020). Back Pain in the Young Child and Adolescent: A Case-Based Guide. Springer Publishing. In print
2. Skaggs, D. L., Flynn, J. M., & Vitale, M. (2020). Chaper 23: Spine III: Back Pain, Spondys, and Other Issues. Staying Out of Trouble in Pediatric Orthopaedics (Consulting Guru: L. C. Claire Blakemore MD; 2nd ed.). Wolters Kluwer.
3. Richard, George, Innow S, **Blakemore L.** Back Pain in the Young Child and Adolescent- A Case Based Guide. Chapter Title: A case of “idiopathic” scoliosis? Schwend & Hennrikus 2019. Submitted for print.
4. Harshavardhana NS, **Blakemore LC**, Dormans JP. 2017 Chapter 8: Tumors of the Cervical Spine. Ed. Winters-Tetreau Cheryl. In print
5. Section editor for “Pediatric Spondylolisthesis”. In Spinal Deformity, 2nd Edition, ed. Christopher and Ronald DeWald. Thieme. Manuscripts under preparation.
6. **Blakemore LC**, Campbell R, Samdani A. Chapter 38: VEPTR. In Spinal Deformity, 2nd Edition. Christopher and Ronald DeWald. Thieme. Manuscripts under preparation.
7. Schwend R, Akbarnia BA, Schmidt J, **Blakemore LC**, Reigut JL. 2016. What Can We Learn about Ribs and Vertebra Growth from an Osteological Collection? In The Growing Spine: Management of Spinal Disorders in Young Children. 2nd edition. Eds: Akbarnia BA, Yazici, M, Thompson GH. Springer Science and Business. pp 95-110.
8. Oetgen ME, and **Blakemore LC**. 2015. Clinical Evaluation of Pediatric Patient with Spondylolisthesis. Spondylolisthesis: Diagnosis, Non-Surgical Management, and Surgical Techniques. 1st edition. Ed. Wollowick A and Sarwahi V ed. Springer Science and Business Media. pp.33-43.
9. Schwend R, Blakemore **LC**, Fickenscher K. 2015. The Orthopaedic Recognition of Child Maltreatment. In Rockwood and Wilkins Fractures in Children, 8<sup>th</sup> edition. Section 1, Chapter 9. Lippincott, Williams and Wilkins. Philadelphia, Pennsylvania. pp. 231-262
10. Schwend R, and **Blakemore LC**. 2010. The Orthopaedic Recognition of Child Maltreatment. In Rockwood and Wilkins Fractures in Children, 7th edition, Lippincott, Williams and Wilkins. Philadelphia, Pennsylvania. pp. 192-222.
11. **Blakemore LC**. 2008. Percutaneous Screw Fixation for Slipped Capital Femoral Epiphysis. In Master Techniques in Pediatric Orthopaedic Surgery. Ed. V.T. Tolo and D.L. Skaggs. Philadelphia, Pennsylvania, Wolters-Kluwer/ Lippincott, Williams and Wilkins. pp. 175-182
12. **Blakemore LC**. 2004. Kyphectomy with Resection of Three or More Vertebral Segments. In Orthopaedic Pocket Procedures: Pediatrics. Ed. J.C. Drennan JC and R.D. Blasier, McGraw-Hill. New York, New York. pp. 58-61



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13. Scoles PV, and **Blakemore LC**. 2003. Disorders of the Pediatric Cervical Spine. In Surgery of the Cervical Spine. Ed. Emery, Boden, and Jackelow. Saunders, Philadelphia, Pennsylvania. pp. 77-88
14. Thompson GH, and **Blakemore LC**. 2003. Pharmacologic Agents That Minimize Perioperative Blood Loss. In Spinal Deformities: The Comprehensive Text. Ed Carl AL, Dewald RL, Arlet V: Thieme. New York, New York. pp. 2000-2005
15. **Blakemore LC**. 2003. Kyphectomy. In Orthopaedic Pocket Procedures: Pediatrics. J.Drennan, and J.D.Thompson (Eds.). McGraw Hill Professional. New York, New York.
16. **Blakemore LC**, and Thompson GH. 2002. Kyphosis. In Orthopaedics. R. Fitzgerald, H. Kaufer, and A. Malkani (Eds.). Mosby, Inc. St. Louis, Missouri. pp. 1364-1372

## Published Interviews

1. Featured Rider Spotlight: **Laurel Blakemore**. HITS Shows News Release, February 7, 2023.
2. Specializing in Scoliosis: Getting to Know **Dr. Laurel Blakemore**. National Scoliosis Center online interview, August 19, 2021.
3. **Laurel Blakemore, MD**. Mesa 1 Millionth Screw Milestone Campaign Video. Stryker Spine Video Announcement. September 18, 2020
4. **Laurel Blakemore, MD**. September 2019. The Post: Saddle Up! UF Health Physician Uses Horseback Riding to Improve Young Patient's Muscles by Fern Simbulan. <https://post.health.ufl.edu/2019/10/01/saddle-up/>
5. **Laurel Blakemore, MD**. June 24, 2019. Hope & Healing: The UF Blog- Scoliosis: A Medical Spotlight by Michael Ward. <https://ufhealth.org/blog/scoliosis-medical-spotlight>
6. Monica Jaramillo and **Laurel Blakemore, MD**. November 1, 2017. Presentation perspective on Paper 58: All That Glitters Is Not Gold: Serial Casting For EOS Negatively Affects Health Related Quality of Life Even After Discontinuation of Casting: A 2 Year Follow Up. Orthopaedics today. Healio. <https://www.healio.com/orthopedics/spine/news/online/%7b2c819597-d4c3-4d81-9713-2cf18808f89b%7d/serial-casting-had-negative-effect-on-hrqol-of-patients-with-idiopathic-eos>
7. Kaitlin Gunter and **Laurel Blakemore, MD**. January 1, 2017. MD News Lower Hudson / Bronx. Rethinking Transfer to Pediatric Orthopedic Patient To Adult Care. <http://mdnews.com/rethinking-transfers-pediatric-orthopedic-patients-adult-care>
8. **Laurel Blakemore, MD**, and Matthew B. Dobbs, MD. 2016. Amid advances in DNA testing, exams and radiographs still best for AIS diagnosis. Is the ScolioScore the most effective test to predict the onset of adolescent idiopathic scoliosis? Not widely applicable for high-risk patients. Healio. Spine Surgery Today. p 5. <http://www.healio.com/spine-surgery/pediatrics/news/print/spine-surgery-today/%7B748d9aaa-a6aa-4ab0-8deb->

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[04462b71f6a1%7D/amid-advances-in-dna-testing-exams-and-radiographs-still-best-for-ais-diagnosis?page=4](http://04462b71f6a1%7D/amid-advances-in-dna-testing-exams-and-radiographs-still-best-for-ais-diagnosis?page=4)

9. Virtual Mentor. May 2009, Competitiveness Can Undermine Team Goals. Volume 11, Number 5: 368-372. *AMA J of Ethics*. Commentary by Jeffrey Reagan, MD, and **Laurel C. Blakemore, MD**.
10. John Kelly, and **Laurel Blakemore**. 2008. A Nice Bit of Surgical Engineering. The WashingtonPost.<http://www.washingtonpost.com/wp-dyn/content/article/2008/12/21/AR2008122102021.html>.
11. **Laurel Blakemore**. 2008. Pediatric Lower Extremity Injuries. Maryland MIEMSS Educational Video.
12. Jeannie Kennedy, and **Laurel Blakemore**. 2008. Expect incremental progress in pediatric device development. *AAOS Now*. 2(9).
13. Gina Brockenbrough and **Laurel Blakemore**. 2008. Sprains, stingers, cord neurapraxia among cervical spine injuries in young athletes. *Orthopedics Today*.
14. **Laurel Blakemore**. 2003. Women underrepresented in orthopaedic surgery residencies. *Orthopaedics Today*.
15. **Laurel Blakemore**. 2002. Video-Assisted Thoracic Spinal Surgery: an improved option for children with spinal problems. Michigan Cares, The University of Michigan Health.
16. **Laurel Blakemore**. 2000. Strong Spines. Legacy, University Hospital Health System. 8(1).
17. Susan S.Ringel, and **Laurel Blakemore**. 1999. New treatments for scoliosis. Ask the Doctor, Cleveland-Akron Family.
18. Diana Keough, and **Laurel Blakemore**. 1999. Health headache fizzing: teen soda drinking linked to calcium deficiencies, caffeine overload. Cleveland Plain Dealer.

## Online Webinars

1. May 8, 2021. Stryker Spine Derotation and DDC Webinar: DDC Techniques. Co-Chair and Moderator.
2. November 14, 2020. Faculty, Stryker Workshop for ICEOS 2020 Virtual Meeting. Latest Concepts in Tethering. Online workshop (pre-recorded).
3. October 7, 2020. Chair, Stryker MedEd Spine Webinar. Rod Selection and Derotation Techniques: Dual Differential Correction with Mesa and Mesa Rail.
4. June 30, 2020. Faculty, Stryker MedEd Spine Webinar. Latest Concepts in Tethering.
5. June 16, 2020. Chair, Stryker MedEd Spine Webinar. Level with Me: Deciding What Levels to Fuse and When to Use PCO's.
6. March 18, 2019. Faculty, Scoliosis Research Society Webinar. GOP Practices: The SRS Core Curriculum.
7. November 15–16, 2018. 12th International Congress on Early Onset Scoliosis 2018. Lisbon, Portugal. Pre Conference Session1: Technique Session 3: MCGR (Video).
8. September 7, 2017. 52<sup>nd</sup> Annual Meeting Scoliosis Research Society, Philadelphia, Pennsylvania. Webcast: Controversies in EOS. Growth Friendly Techniques for Early Onset Scoliosis (EOS) Debate

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Con: MCGR is a Flash in the Pan.

9. January 6, 2014. Faculty, VuMedi Online Webinar: Concepts in Early Onset Scoliosis. Growing Rods: Indications and Tips.
10. February 2009. Operative Management of Pediatric Upper Extremity Fractures: Pearls and Pitfalls. Operative Indications for Pediatric Forearm Fractures. AAOS/POSNA Online Webinar. <http://journalofethics.ama-assn.org/2009/05/ccas3-0905.html>.

## **PRESENTATIONS**

### **State and Local Medical Presentations**

- Northern Virginia Pediatric Society Virtual Meeting on types of scoliosis affecting children and adolescents. The natural history and risk of scoliosis affecting children's and adolescents. November 18, 2020.
- North/ Central Florida Regional Symposium on Marfan Syndrome and Related Conditions. Gainesville, FL. September 14, 2019. Orthopaedic Treatment Options for Pediatric Connective Tissue Disorders in 2019.
- Invited Speaker, Peds Grand Rounds. Sacred Heart Hospital. August 20, 2019. Pensacola, FL. "What's New in the Treatment of Scoliosis in Children and Adolescents"
- Pediatric Injuries. University of Florida-Sports Medicine Fellow & Faculty Day. April 19, 2019.
- Citrus County Medical Society 1-hour CME. Crystal River, Florida, September 28, 2016. Update on the Evaluation and Treatment of Scoliosis.
- Pediatric Resident Lecture, Shands Hospital, Gainesville, Florida, April 28, 2016. Rotational and Angular Lower Extremity Conditions in Children.
- Marion County School Nurses Group 1-hour CME. Ocala, Florida, January 27, 2016. Update on the Evaluation and Treatment of Scoliosis.
- Alachua County Medical Society 1-hour CME. Gainesville, Florida, September 22, 2015. Update on the Evaluation and Treatment of Scoliosis.
- Pediatrics Grand Rounds, University of Florida, Gainesville, Florida, May 14, 2015. Update on the Evaluation and Treatment of Scoliosis.
- Orthopedics and Sports Medicine Institute Community CME Event, Gainesville, Florida, April 24, 2014. Common Rotational and Angular Lower Extremity Conditions in Children.
- Department of Health School Nurses Seminar, Alachua County Health Department, Gainesville, Florida, March 19, 2014. Update on Scoliosis.  
----Further local presentations 2009-2013 available upon request.-----
- Pediatric Grand Rounds, Mary Washington Hospital, Fredericksburg, Virginia. May 12, 2009. Update on Scoliosis Evaluation and Treatment.
- Pediatrics Grand Rounds, Inova Alexandria Hospital, Alexandria, Virginia, October 17, 2008. Update on Scoliosis.
- Anesthesiology Grand Rounds, Childrens National Medical Center, Washington, DC, April 2007. Anesthetic Issues in Scoliosis Surgery.
- HSC Pediatric Center Spasticity Management Center, Washington, D.C., June 2, 2006. Orthopaedic Surgical Intervention in Spasticity.
- Pediatrics Grand Rounds, Annapolis Regional Medical Center, Annapolis, Maryland, December 2005. Update on Scoliosis.

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- Orthopaedic Grand Rounds, Georgetown University Department of Orthopaedic Surgery, Washington, D.C. October, 2005. What's New in the Treatment of Scoliosis?
- Grand Rounds, Childrens National Medical Center, Washington, DC, April 2005. Update on Scoliosis.
- Pediatric Clinical Updates, Mott Children's Hospital, October 6 and 29, 2003. Perioperative Care of the Spinal Deformity Patient.
- Pediatric Intensive Care Conference, University of Michigan, Ann Arbor, Michigan, June 18, 2003. Basics of Scoliosis Surgery.
- University of Michigan School of Medicine, Ann Arbor, Michigan, March 28, 2003. Careers in Orthopaedic Surgery.
- University of Michigan School of Medicine, Ann Arbor, Michigan, March 23, 2003. Surgical Anatomy of the Spine.
- Affiliated Hospital Visiting Lecture in Pediatrics, Hurley Hospital, Flint, Michigan, October 9, 2002. Scoliosis and Kyphosis in Children.
- Pediatric Primary Care Update Series, St. Joseph Mercy Hospital, July 25, 2002. Pediatric Sports and Overuse Injuries.
- Grand Rounds, DePuy-Acromed Basic Spine Course, Raynham, Massachusetts, April 26, 2002. Spinal Deformity.
- Orthopaedic Residents Education Conference, University of Michigan Medical Center, Ann Arbor, Michigan, April 6, 2002. Pediatric Sports Injuries.
- Orthopaedic Residents Education Conference, University of Michigan Medical Center, Ann Arbor, Michigan, January 26, 2002. Congenital Scoliosis.
- Affiliated Hospital Visiting Lecture in Pediatrics, Hurley Hospital, Flint, Michigan, September 12, 2001. Sports Injuries in Children.
- Physical Medicine and Rehabilitation Grand Rounds, Metrohealth Medical Center, Cleveland, Ohio, May 25, 2000. Common Pediatric Sports Injuries.
- Invited Teaching Presentation: 35TH Annual Indiana Multidisciplinary Child Care Conference, Indiana University School of Medicine, Indianapolis, Indiana, May 11, 2000. Sports Medicine: Overview of the Pediatric Athlete, Pediatric Overuse Injuries, Fractures Associated with Pediatric Sports.
- Forum Health Second Annual Pediatric Orthopaedic Symposium, Tod Children's Hospital, Youngstown, Ohio, May 8, 2000. Common Pediatric Sports Injuries.
- Pediatric Grand Rounds, Case Western Reserve University Department of Pediatrics, Cleveland, Ohio, January 13, 2000. Sports Injuries in Children and Adolescents.
- Orthopaedic Grand Rounds, Case Western Reserve University Department of Orthopaedic Surgery, Cleveland Ohio, October 9, 1999. Video Assisted Thoracoscopic Surgery: Applications in Pediatric Spinal Deformity.
- Pediatric Surgery Update '99, Rainbow Babies and Children's Hospital, Cleveland, Ohio, May 7, 1999. Advances in Evaluation and Treatment of Pediatric Spinal Deformity.
- Orthopaedic Sports Medicine Conference, Case Western Reserve University Department of Orthopaedic Surgery, Cleveland Ohio, April 29, 1999. The Female Athlete Triad.
- Ambulatory Pediatrics Lecture Series, Rainbow Babies and Children's Hospital, Cleveland Ohio, April 28, 1999. Pediatric Sports Injuries.
- Ambulatory Pediatrics Lecture Series, Rainbow Babies and Children's Hospital, Cleveland Ohio, April 7, 1999. Evaluation of the Pediatric Knee.
- Grand Rounds, DePuy-Acromed Basic Spine Course, Cleveland Ohio, January 18, 1999. Spinal Deformity.
- Ambulatory Pediatrics Lecture Series, Rainbow Babies and Children's Hospital, Cleveland Ohio, May 20, 1998. Pediatric Sports Injuries.

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- Ambulatory Pediatrics Lecture Series, Rainbow Babies and Children's Hospital, Cleveland Ohio, January 14, 1998. Developmental Dysplasia of the Hip: Diagnosis and Treatment.
- Ambulatory Pediatrics Lecture Series, Rainbow Babies and Children's Hospital, Cleveland Ohio, December 3, 1997. Pediatric Orthopaedic Emergencies.
- Orthopaedic Grand Rounds, The University of Michigan Medical Center, Ann Arbor, Michigan, August 8, 1996. Dislocations Around the Knee.
- Orthopaedic Grand Rounds, The University of Michigan Medical Center, Ann Arbor, Michigan, January 11, 1996. Orthopaedic Manifestations of Dwarfing Syndromes. Part II: Treatment.
- Orthopaedic Grand Rounds, The University of Michigan Medical Center, Ann Arbor, Michigan, November 30, 1995. Orthopaedic Manifestations of Dwarfing Syndromes. Part I: Evaluation.
- Orthopaedic Grand Rounds, The University of Michigan Medical Center, Ann Arbor, Michigan, August 10, 1995. Adult Acquired Flatfoot Deformity.

## State and Local Scientific Presentations

1. 16th Annual International Pediatric Orthopaedic Symposium. Orlando, Florida. December 5, 2019. Concurrent Session- Skeletal Dysplasias: Case Presentation- Spinal Deformity, Stenosis
2. 2019 World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Exercise, Circadian Rhythms and Sleep of the American College of Sports Medicine Annual Meeting. Orlando, Florida. May 29, 2019. Severe Shoulder Pain a Healthy Adolescent Child. Abstract Presentation. **Alkhamisi A**, Chapman J. P., Blakemore LC, Zaremski J.
3. 15th Annual International Pediatric Orthopaedic Symposium. Orlando, Florida. November 30, 2018. Spine: Spondylolysis and Spondylolisthesis-Scheuermann's: Indications for Bracing... and What Brace to Use?
4. Florida Orthopaedic Society Annual Meeting. Key Largo, FL May 18, 2017. Buckling Down On Torus Fractures: Has Evolving Evidence Affected Practice?
5. Frederick Fischer Day, University of Michigan, Ann Arbor, Michigan. April 28, 2003. Learning Curve in Thoracoscopic Spinal Surgery.
6. Frederick Fisher Day, University of Michigan Medical Center, Ann Arbor, Michigan, April 29, 2002. Delayed Diagnosis of Chance Fractures in the Pediatric Population.
7. Frederick Fisher Day, University of Michigan Medical Center, Ann Arbor, Michigan, April 23, 2001. Submuscular Isola Rods With and Without Limited Apical Fusion in the Management of Severe Spinal Deformities in Young Children.
8. Ohio Orthopaedic Society Annual Meeting, Canton, Ohio, July 21, 2000. The Effect of Epsilon Aminocaproic Acid on Perioperative Blood Loss in Patients with Idiopathic Scoliosis Undergoing Posterior Spinal Fusion.
9. Frederick Fisher Day, University of Michigan Medical Center, Ann Arbor, Michigan, April 1997. Intra- And Inter-Observer Variability In The Measurement Of Slipped Capital Femoral Epiphysis.

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10. Frederick Fisher Day, University of Michigan Medical Center, Ann Arbor, Michigan, May 1995. The Role of Intentional Injury in Children 1 To 5 Years of Age with Isolated Femoral Shaft Fractures.

## National and International Scientific Presentations

1. Pediatric Orthopedic Society of North America Annual Meeting, Dallas Texas, May 12-15, 2021. Peter O. Newton, MD; Stefan Parent, MD, PhD; Firoz Miyanji, MD; Ahmet Alanay, MD; Baron Lonner, MD; Kevin M. Neal, MD; Daniel Hoernschemeyer, MD; Burt Yaszay, MD; Laurel C. Blakemore, MD; Suken A. Shah, MD; Harms Study Group.
2. Pediatric Orthopedic Society of North America Annual Meeting, Dallas Texas, May 12-15, 2021. Firoz Miyanji, MD; Baron Lonner, MD; Stefan Parent, MD, PhD; Ahmet Alanay, MD; Daniel Hoernschemeyer, MD; Burt Yaszay, MD; Suken A. Shah, MD; Laurel C. Blakemore, MD; A. Noelle Larson, MD; Lawrence L. Haber, MD; Caglar Yilgor, MD; Kevin M. Neal, MD; Peter O. Newton, MD; Harms Study Group. Paper #26: A Multicenter Comparative Analysis of AVBT to PSF in the Treatment of Lenke 5 Curves.
3. Paper #7: The Harms Study Group Retrospective Comparison Study on Anterior Vertebral Body Tethering (AVBT) versus Posterior Spinal Fusion (PSF) for Primary Thoracic Curves.
4. Pediatric Orthopedic Society of North America 2020 Virtual Annual Meeting, May 13, 2020. (A) Larson N. MD, presenter. Polly Jr. D., MD; Sponseller, P., MD, MBA; (B) Richards, S., MD; Garg, S., MD; Labelle H., MD, FRCS (C); Leslie Weinstein S., MD; Shah S., MD; Crawford III C., MD; Oetgen M., MD; Sanders J., MD; Fletcher N., MD; Blakemore L., MD; Brearley A., PhD; Erickson M., MD; Parent S., MD, PhD; Aubin C., PhD, ScD (h.c.), P.Eng.; Sucato D., MD, MS; Minimize Implants Maximize Outcomes Study Group. Paper #78 Prospective Randomized Controlled Trial of Implant Density in AIS: Results of the Minimize Implants Maximize Outcomes Study. Winner Best Clinical Paper.
5. Scoliosis Research Society 54<sup>th</sup> Annual Meeting. Montreal, Canada. September 20, 2019. Session 10: EOS/ Neuromuscular Deformity. Williams, B.A., MD; **McClung A., BSN**; Blakemore L., MD; Shah S., MD; Pawelek J., BS; Sponseller P., MD, MBA; Parent S., MD, PhD; Emans J., MD; Sturm P.F., MD, MBA; Yaszay B., MD; Akbarnia B.A., MD; Growing Spine Study Group. Paper #151 Spinal MRI Utilization in Patients with Early Onset Scoliosis Review of a Large Multi-Center Database.
6. Scoliosis Research Society 54<sup>th</sup> Annual Meeting. Montreal, Canada. September 20, 2019. Session 5B: Hibbs Clinical Research Award Nominees: (A) **Larson N.**, MD; Polly Jr. D., MD; Sponseller, P., MD, MBA; (B) Richards, S., MD; Garg, S., MD; Labelle H., MD, FRCS (C); Leslie Weinstein S., MD; Shah S., MD; Crawford III C., MD; Oetgen M., MD; Sanders J., MD; Fletcher N., MD; Blakemore L., MD; Brearley A., PhD; Erickson M., MD; Parent S., MD, PhD; Aubin C., PhD, ScD (h.c.), P.Eng.; Sucato D., MD, MS; Minimize Implants Maximize Outcomes Study Group. Paper #78 Prospective Randomized Controlled Trial of Implant Density in AIS: Results of the Minimize Implants Maximize Outcomes Study†

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7. Pediatric Orthopaedic Society of North America Annual Meeting, Charlotte, North Carolina. May 17, 2019. **Williams B.**, MD; McClung A., RN; Shah S., MD; Blakemore L., MD; Pawelek J.; Sponseller P., MD; Parent S., MD; Emans J., MD; Sturm, P. ,MD; Yaszay B., MD; Akbarnia B., MD; Growing Spine Study Group. Early Onset Scoliosis period 2A: Intraspinal MRI Abnormalities in Early-Onset Scoliosis – Rates Across a Global Cohort.
8. 25th International Meeting on Advanced Spine Techniques, Los Angeles, California, July 12, 2018. 2C. Early Onset Scoliosis Abstracts. McClung A, Williams B, Shah S, **Blakemore LC**, Pawelek J, Sponseller P, Parent S, Emans J, Sturm P, Yaszay B, Akbarnia B. Growing Spine Study Group. Paper # 39: Intraspinal MRI Abnormalities in Early-Onset Scoliosis: Rates Across a Global Cohort.
9. Pediatric Orthopaedic Society of North America Annual Meeting, Austin, TX. May 11, 2018. **Williams B**, Molinari S, Matthias R, Blakemore L, Palumbo, N. What Caregivers Want- Immobilization Preferences for Pediatric Buckle Fractures of the Wrist.
10. 23rd International Meeting on Advanced Spine Techniques Washington D.C. July 14, 2016. Radiographic outcome differences in growing rod constructs using tandem vs. wedding band connectors.
11. 8th International Congress On Early Onset Scoliosis And Growing Spine (ICEOS), Warsaw, Poland, November 20-21, 2014. Schwend RM, **Blakemore LC**, Akbarnia B, Schmidt J. Coupled Symmetry and Pattern of Rib Growth in the Growing Human.
12. 8th International Congress On Early Onset Scoliosis And Growing Spine (ICEOS), Warsaw, Poland, November 20-21, 2014. **Blakemore LC**, Schwend RM, Akbarnia B Growth Patterns of the Neurocentral Synchronosis (NCS) in Immature and Growing Vertebra.
13. American Academy of Pediatrics Annual Meeting, New Orleans Louisiana, October 20, 2012. Williams BA, McCalla D, Matsumoto H, Akbarnia BA, **Blakemore LC**, Betz R, Flynn J, Johnston CE, McCarthy R, Roye DP, Skaggs DL, MD; Smith JT, Snyder B, Sponseller PD, Sturm PF, Thompson GH, Yazici M, MD; Vitale MG. Introducing the Early Onset Scoliosis Classification System.
14. 19th Annual International Meeting on Advanced Spine Techniques (IMAST), Istanbul, Turkey, July, 2012. Williams BA, Akbarnia BA, **Blakemore LC**, Betz R, Flynn J, Johnston CE, McCarthy R, Skaggs DL, MD; Smith JT, Snyder B, Sponseller PD, Sturm PF, Thompson GH, Yazici M, MD; Vitale MG, Roye DP. Introducing the Early Onset Scoliosis Classification System.
15. 17th International Meeting on Advanced Spine Techniques (IMAST), Toronto, Canada, July 21-24, 2010. Salari P, Pawelek J, Mundis G, Sponseller PD, Boachie-Adjei O, Schwend RM, Bosch P, **Blakemore LC**, Akbarnia BA. Paper # 53: Factors Influencing the Decision for Surgical Intervention in Early Onset Scoliosis.
16. British Scoliosis Society Annual Meeting, London, United Kingdom, September 26, 2008. **Blakemore LC**, Wimberly L. Triggered EMG Pedicle Screw Stimulation in the Proximal Thoracic Spine in a Pediatric Scoliosis Population.
17. American Orthopaedic Association 116th Annual Meeting, Charleston, South Carolina, June 11-14, 2003. Women in Surgical Residency Training.

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18. 15th Isola Study Group Meeting, Detroit, Michigan, August 16-17, 2002. Case Presentation: Severe Neuromuscular Scoliosis in a Skeletally Immature Child.
19. 8th International Meeting on Advanced Spine Techniques (IMAST), Nassau, The Bahamas, July 13, 2001. VATS in Idiopathic Scoliosis Surgery: Is There Really a Learning Curve?
20. Scoliosis Research Society Annual Meeting 2000, Carins, Queensland, Australia, October 18-21, 2000. Submuscular Isola Rods With and Without Limited Apical Fusion in the Management of Severe Spinal Deformities in Young Children.
21. Orthopaedic Trauma Association Annual Meeting 2000, San Antonio, Texas, October 13-15, 2000. Pelvic Fractures in a Pediatric Level I Trauma Center.
22. Seventh International Meeting on Advanced Spine Techniques (IMAST), Barcelona, Spain, July 5-8, 2000. Submuscular Isola Rods With and Without Limited Apical Fusion in the Management of Severe Spinal Deformities in Young Children.
23. American College of Sports Medicine 47<sup>th</sup> Annual Meeting, Indianapolis, Indiana, June 2-4, 2000. Angular Deformity After ACL Reconstruction in a Skeletally Immature Child.
24. Orthopaedic Rehabilitation Association Annual Meeting, Cleveland, Ohio, May 11-13, 2000. Association of Bladder Exstrophy with Congenital Pathology of the Hip and Lumbosacral Spine: A Long-Term Follow-Up Study of Thirteen Patients.
25. Orthopaedic Rehabilitation Association Annual Meeting, Cleveland, Ohio, May 11-13, 2000. The Effect of Epsilon Aminocaproic Acid on Perioperative Blood Loss in Patients with Idiopathic Scoliosis Undergoing Posterior Spinal Fusion.
26. Pediatric Orthopaedic Society of North America Annual Meeting, Vancouver, British Columbia, May 4, 2000. The Effect of Epsilon Aminocaproic Acid on Perioperative Blood Loss in Patients with Idiopathic Scoliosis Undergoing Posterior Spinal Fusion.
27. Pediatric Orthopaedic Society of North America Annual Meeting, Vancouver, British Columbia, May 1, 2000. Association of Bladder Exstrophy with Congenital Pathology of the Hip and Lumbosacral Spine: A Long-Term Follow-Up Study of Thirteen Patients.
28. Scoliosis Research Society Annual Meeting, San Diego, California September 25, 1999. The Effect of Epsilon Aminocaproic Acid on Perioperative Blood Loss in Patients with Idiopathic Scoliosis Undergoing Posterior Spinal Fusion.
29. Orthopaedic Trauma Association Annual Meeting, Vancouver, British Columbia, October 10, 1998. The Incidence of Compartment Syndrome in Ipsilateral Fractures of the Humerus and Forearm in Children.
30. Dialogue and Controversy in Spinal Surgery: Residents and Fellows Conference, Stone Mountain, Georgia, April 3, 1998. The Use of Convex Compression as an Alternative to Sublaminar Wires in Correction of the Translational Component of Scoliotic Deformity.



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31. Orthopaedic Section of the American Academy of Pediatrics Annual Meeting, San Francisco, California, October 1995. The Role of Intentional Injury in Children 1 to 5 Years of Age with Isolated Femoral Shaft Fractures.

## Scientific Exhibits

1. AAOS 2022 Annual Meeting Poster, Does Transitioning to a Brace Improve HRQoL after Casting for Early Onset Scoliosis? March 24, 2022, Does Transitioning to a Brace Improve HRQoL after Casting for Early Onset Scoliosis? Posters Session 2, P0714
2. University of Florida College of Medicine 2020 Celebration of Research. Gainesville, FL February 25, 2020. The Wait to Sedate: An Evaluation of Pediatric Conscious Sedation for Orthopaedic Procedures Before and After the Implementation of the On-Call Anesthesia Sedation Team Poster #290. **LaChaud, G.**, Sroka, O., Parrish, R., Blakemore, L.
3. 12<sup>th</sup> International Congress on Early Onset Scoliosis. Lisbon, Portugal. November 15-16, 2018. Poster 18: Intraspinal MRI Abnormalities in Early-Onset Scoliosis – Rates across a Global Cohort. **McClung, A;** Williams, B. , Blakemore, L., Shah, S., Pawelek, J., Sponseller. P, Parent, S., Emans, J., Sturm, P., Yaszay, B., Akbarnia, B., Growing Spine Study Group.
4. 12<sup>th</sup> International Congress on Early Onset Scoliosis. Lisbon, Portugal. November 15-16, 2018. Poster 17: Spinal MRI Utilization in Patients with Early-Onset Scoliosis- Review of a Large Multi-Center Database. **McClung, A;** Williams, B. , Blakemore, L., Shah, S., Pawelek, J., Sponseller. P, Parent, S., Emans, J., Sturm, P., Yaszay, B., Akbarnia, B., Growing Spine Study Group.
5. 2018 Florida Orthopaedic Society Annual Meeting. St. Petersburg, FL. June 24, 2018. What Caregivers Want- Immobilization Preferences for Pediatric Buckle Fractures of the Wrist. **Williams B,** Molinari S, Matthias R, Blakemore L, Palumbo, N.
6. University of Florida College of Medicine 2018 Celebration of Research. Gainesville, FL February 19, 2018. SoftCast in the early management of clubfoot- a single institution's experience. Poster #328. Gil J, Williams B, Phillips S, Matthias R, **Blakemore LC,** Molinari SC.
7. University of Florida College of Medicine 2018 Celebration of Research. Gainesville, FL February 19, 2018. Surveying the POSNA landscape- What can we learn from society survey studies? Poster #329. Williams B, Guerrero A, Frick S, **Blakemore LC.**
8. University of Florida College of Medicine 2018 Celebration of Research. Gainesville, FL February 19, 2018. Buckling down torus fractures- Assessing provider preferences, barriers and influential factors. Poster #330. Williams B, Gil J, Phillips S, Matthias R, Molinari SC, **Blakemore LC.**
9. University of Florida College of Medicine 2018 Celebration of Research. Gainesville, FL February 19, 2018. What they want- Caregiver immobilization preferences for pediatric buckle fractures. Poster #387. Williams B, Palumbo N, Phillips S, Matthias R, Molinari SC, **Blakemore LC.**

## CURRICULUM VITAE

10. Scoliosis Research Society Annual Meeting EOS Webcast Philadelphia, PA September 7, 2017.  
<http://www.srs.org/meetings/am17/webcast/> "Growth Friendly Techniques for Early Onset Scoliosis (EOS): Is Quality of Life the Cost for a Taller, Straighter Spine?" Gabos P, **Blakemore LC**, Vitale MG, Sanders J, Nnadi C, Uejima T.
11. UF Health Sebastian Ferrero Office of Clinical Quality and Patient Safety's Patient Safety and Quality Week Research Day, Gainesville, Florida, March 16, 2017. Reducing Variation Via a Standardized Clinical Pathway Adolescent Idiopathic Scoliosis Patients Presenting For Surgical Repair. Dooley FC, Stoker R, Tams C, Philips SA, Koenig M, Wishin J, Sangari T, Gonzalez SN, Molinari SC, **Blakemore LC**, Seubert CN.
12. 51st Scoliosis Research Society Annual Meeting Prague, Czech Republic. September 21-24 2016.  
**Blakemore LC**, Oetgen ME, Matthews A, Wang Y, McClung AM, Pawelek JB, Sponseller PD, Sanchez Perez-Gruoso FJ, Akbarnia BA, Growing Spine Study Group. Radiographic outcome differences in growing rod constructs using tandem vs. wedding band connectors.
13. Third Annual Highlighting Children's Health Research Event, Institute for Child Health Policy, University of Florida College of Medicine, Gainesville, Florida, October 27, 2015. Pediatric Injuries at an Annual Motocross Competition: Rates and Severity.
14. Pediatric Orthopaedic Society of North America Annual Meeting, Atlanta, Georgia, April 29-May 2, 2015. ePoster (33). Pediatric Motocross Injuries at an Annual Competition: Rates and Severity.
15. The 50th Anniversary International Phillip Zorab Symposium, London, Great Britain, June 20-21, 2013. Schwend RM, Blakemore LC, Akbarnia BA, Reigut MS, Schmidt JA. Complex Spine Study Group. New Data on the Growth Patterns of the Pediatric Spinal Canal.
16. Scoliosis Research Society Annual Meeting, Chicago, Illinois, September 5-8, 2012. Schwend RM, Blakemore LC, Akbarnia BA, Reigut MS, Schmidt JA. Complex Spine Study Group. Poster #317. Coupled Symmetry and Proportional Expansion of the Ribs Through Adolescence.
17. 19th Annual International Meeting on Advanced Spine Techniques (IMAST), Istanbul, Turkey, July, 2012. Schwend RM, **Blakemore LC**, Akbarnia BA, Reigut MS, Schmidt JA. Complex Spine Study Group. , Poster #413. Coupled Symmetry and Proportional Expansion of the Ribs through Adolescence.
18. 19th Annual International Meeting on Advanced Spine Techniques (IMAST), Istanbul, Turkey, July, 2012. Woo R, **Blakemore LC**, Trammell TR, Moore J, Yaszay B, Ginsburg G, Sánchez Pérez-Gruoso F, Kisham S, Boachie-Adjie O, Akbarnia BA, Strauss K. Complex Spine Study Group. Poster #725. A Comprehensive Nomenclature for Standardized Radiographic Measurements of Vertebral Morphology.
19. 18th International Meeting on Advanced Spinal Techniques, Copenhagen, Denmark, July 14-16, 2011. R. Schwend, B. Akbarnia, **L. Blakemore**, J. Schmidt, K. Strauss, Complex Spine Study Group. #670: Measurements of Pediatric Ribs from the Hamann-Todd (H-T) Collection.
20. 18th International Meeting on Advanced Spinal Techniques, Copenhagen, Denmark, July 14-16, 2011. R. Schwend, B. Akbarnia, **L. Blakemore**, J. Stewart, J. Schmidt, K. Strauss, Complex Spine Study Group. #668: Pediatric Transverse Process (TP) Features and Growth Pattern from the Hamann-Todd (H-T) Collection.

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21. 18th International Meeting on Advanced Spinal Techniques, Copenhagen, Denmark, July 14-16, 2011. R.Schwend, B.Akbarnia, **L. Blakemore**, J. Schmidt, K.Strauss, Complex Spine Study Group. #627: Analysis of Pediatric Spine and Rib Data from the Hamann-Todd (H-T) Collection.
22. 18th International Meeting on Advanced Spinal Techniques, Copenhagen, Denmark, July 14-16, 2011. D. Roye, J. Corona, D.Miller, J.Downs, B.Williams, **L. Blakemore**, R.Betz, C. Johnston, Skaggs, P.Sponseller; P. Sturm, G.Thompson, M.Yazici, M.Vitale, MD, MPH . #587: Clinical Uncertainty Defined: A Formal Evaluation of Equipoise among Treatment Options for Patients with Early Onset Scoliosis.
23. American Orthopedic Association, 124th Annual Meeting, Boston, Massachusetts, June 22-25, 2011. J. Corona, D. Miller. J. Downs, B. Akbarnia, **L. Blakemore**, R. Betz, R. Campbell, J. Flynn, C. Johnston. R. McCarthy, D. Roye, M.Vitale. Finding the Tipping Point: When Should Surgery be Performed in Children with Early Onset Scoliosis?
24. Scoliosis Research Society Annual meeting, Kyoto, Japan, September 21-24, 2010.P. Salari, J. Pawelek, G. Mundis, P. Sponseller, O. Boachie-Adjei, R.Schwend, P. Bosch, **L.C. Blakemore**, B.Akbarnia, MD. Factors Influencing the Decision for Surgical Intervention in EOS.
25. 17th International Meeting on Advanced Spine Techniques (IMAST), Toronto, Canada, July 21-24, 2010. Salari P, Akbarnia BA, **Blakemore LC**, Sponseller PD, Schwend RM. Poster #299: Evolution of Growing Rod Surgery in Treatment of Early Onset Scoliosis: Trends in the Past 30 Years.
26. 17th International Meeting on Advanced Spine Techniques (IMAST), Toronto, Canada, July 21-24, 2010. Poster #593: Richard M. Schwend RM, Akbarnia BA **Blakemore LC**, Schmidt J, Strauss K. Scalar Measurements of Pediatric Spine and Ribs from the Hamann-Todd (H-T) Collection.
27. Pediatric Orthopaedic Society of North America Annual Meeting, Hollywood, Florida, May 2007. Wimberly RL, Kaung G, **Blakemore LC**. Triggered EMG pedicle screw stimulation in the proximal thoracic spine in a pediatric scoliosis population.
28. American Academy of Orthopaedic Surgeons, San Francisco, California, March 10-14, 2004. Pediatric Orthopaedic Society of North America-COMSS Society. Current Trends in Orthopaedic Trauma in Children.
29. 7th International Meeting on Advanced Spine Techniques (IMAST), Barcelona, Spain, July5-8, 2000. **Blakemore LC**, Florentino-Pineda I, Thompson GH, Poe-Kochert C, Adler P, Tripi P. The Effect of Epsilon Aminocaproic Acid on Perioperative Blood Loss in Patients with Idiopathic Scoliosis Undergoing Posterior Spinal Fusion.
30. Scoliosis Research Society, San Diego, California September 25, 1999. **Blakemore LC**, Florentino-Pineda I, Thompson GH, Poe-Kochert C, Adler P, Tripi P. The Effect of Epsilon Aminocaproic Acid on Perioperative Blood Loss in Patients with Idiopathic Scoliosis Undergoing Posterior Spinal Fusion.
31. Orthopaedic Trauma Association, Vancouver, British Columbia, October 10, 1998. **Blakemore LC**, Cooperman DR, Thompson GH, Wathey C, and Ballock RT. The Incidence of Compartment Syndrome in Ipsilateral Fractures of the Humerus and Forearm in Children.

# CURRICULUM VITAE

## Sessions Moderated 2011—present

- 25th International Meeting on Advanced Spine Techniques virtual meeting, April 23-24, 2021.  
Session 4D. Vertebral Body Tethering: Go Big or Go Broke.
- Scoliosis Research Society 55th Meeting. Virtual. September 12, 2020.  
Discussion Panelist- Early Career Surgeons Session
- Scoliosis Research Society 55th Meeting. Virtual. September 10, 2020. Moderator-
- Session 2A: Adolescent Idiopathic Scoliosis I: From Assessing Skeletal Maturity to Managing Pain
  
- 16th Annual International Pediatric Orthopaedic Symposium. Orlando, Florida.  
December 5, 2019. Concurrent Session- Skeletal Dysplasias: Cases Presentations:  
Cervical Spine Panelist
- 16th Annual International Pediatric Orthopaedic Symposium. Orlando, Florida.  
December 5, 2019. CME Breakout Session- Essentials of Pediatric Orthopaedics  
II: Discussion Panelist
- 13<sup>th</sup> International Congress on Early Onset Scoliosis. Atlanta, Georgia. November 21,  
2019. Free Papers Session 2 Moderator
- Scoliosis Research Society 54<sup>th</sup> Annual Meeting. Montreal, Canada. September 19, 2019.  
Session 3: Surgeon Performance in Complex Cases Panelist: Complications Cases.
- 25th International Meeting on Advanced Spine Techniques. Amsterdam, Netherlands.  
July 19, 2019. Moderator- Section 7A: Innovations in Adolescent Idiopathic  
Scoliosis. : Kariman Abelin-Genevois, MD, PhD & Laurel C. Blakemore, MD
- 25th International Meeting on Advanced Spine Techniques. Amsterdam, Netherlands.  
July 17, 2019. Discussion Leader- Cases & Cocktails 3: Tethering for Scoliosis:  
Does it Really Work and What are the Indications?
- Pediatric Orthopaedic Society of North America Annual Meeting, Charlotte, North  
Carolina. May 15, 2019. Scientific Program Moderator-Concurrent Session: Spine.
- Meeting of Minds Advanced Spinal Deformity Symposium & Product Training.  
Barcelona, Spain. March 29, 2019. Panelist- The Adolescent Patient: Case  
Discussion and Debate: Fusion Level Selection in AIS
- 15<sup>th</sup> Annual International Pediatric Orthopaedic Symposium. Orlando, Florida. November 30, 2018.  
Panelist-Concurrent Session 5 Cases for the Panel: Difficult Decisions in Level Selection
- 12<sup>th</sup> International Congress on Early Onset Scoliosis. Lisbon, Portugal. November 14, 2018.  
Pre Conference Session 2 Moderator: Debate 2- Early Fusion Vs Growth Friendly in the “In Between  
Stage”; Now What Would You Do? Revisit Cases; Exotic and Severe Scoliosis.
  
- Scoliosis Research Society 53<sup>rd</sup> Annual Meeting, Bologna, Italy. October 10, 2018.  
Case Discussion-Session 3 Panelist for 3A: A Motion-Preserving Surgical Treatment for Neuromuscular  
Scoliosis: Proof of Concept; 3B: Outpatient Distraction for Severe Adolescent Idiopathic Scoliosis; 3C:  
Complete Loss of Motor Sensory with Motor Deficits with Instrumentation and Fusion of Severe  
Juvenile Scoliosis; 3D: Staged Minimally Invasive Neuromuscular Scoliosis Surgery in the Jehovah’s  
Witness Patient Can Safely Achieve Surgical Correction
  
- Scoliosis Research Society 53<sup>rd</sup> Annual Meeting, Bologna, Italy. October 10, 2018. Session 2 Mentor  
Panelist for Physician Growth: Coaching/ Mentoring- The Surgeon as a Professional.
- International Pediatric Orthopaedic Think Tank: Auckland, New Zealand. September 27, 2018. Perspectives  
Session: The NF1 Spine.

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- 25th International Meeting on Advanced Spine Techniques: Los Angeles, California July 14, 2018. Concurrent Sessions 11A-B: Instructional Course Lectures: Most Current Practices- How the Experts Decide.
- Florida Orthopaedic Society: Key Largo, Florida. June 22, 2018. Pediatric Breakout Session: Panel Discussion- Update on Specific Sports Injuries.
- Pediatric Orthopaedic Society of North America: Austin, Texas. May 9, 2018. Session 2: Natural History of Spine Conditions.
- 11th International Congress on Early Onset Scoliosis: San Diego, California November 17, 2017. Session 9: Master Tips and Tricks.
- Scoliosis Research Society 52nd Annual Meeting, Philadelphia, Pennsylvania, September 8, 2017. Moderator, Session 5: Early Onset Scoliosis
- Florida Orthopaedic Society: Key Largo, Florida. May 19, 2017. Pediatric Breakout Session: Case Presentations.
- Scoliosis Research Society 51st Annual Meeting, Prague, Czech Republic. September 23, 2016. Session 6: Early Onset and Congenital Scoliosis.
- Pediatric Orthopaedic Society of North America: Indianapolis, Indiana April 29, 2016. Period 3: New Technology in Spine.
- International Pediatric Orthopaedic Symposium: Lake Buena Vista, FL December 11, 2015. Concurrent Sessions: Infection Prevention and Treatment in 2015.
- Pediatric Orthopaedic Society of North America: Atlanta, Georgia April 30, 2015. Concurrent Session I: Spine.
- American Academy of Orthopaedic Surgeons Annual Meeting: Las Vegas, Nevada March 26, 2015. Session 346: Congenital Scoliosis: A case-based Approach.
- American Academy of Orthopaedic Surgeons Annual Meeting: Las Vegas, Nevada March 26, 2015. Session 326: Management of Adolescent Idiopathic Scoliosis.
- 22nd International Meeting on Spine Techniques: Kuala Lumpur, Malaysia July 9, 2015. Session 2B: Early Onset Scoliosis Abstracts.
- Scoliosis Research Society 49th Annual Meeting: Anchorage, Alaska September 12, 2014. Session 6A: Hibbs Basic Research Award Nominees.
- 21st International Meeting on Spine Techniques: Valencia Spain, July 17, 2014. Session 2B: Early Onset Scoliosis Abstracts.
- 20th International Meeting on Spine Techniques: Vancouver, Malaysia, July 11, 2013. Session 3C: Emerging Technologies in Spine Surgery.
- 20th International Meeting on Spine Techniques: Vancouver, Malaysia, July 11, 2013. Session 1D: AIS I: Clinical & Radiographic Evaluation.
- International Congress on Early Onset Scoliosis and Growing Spine: Dublin, Ireland, November 15, 2012. Session 3: Congenital Spine Deformity.
- Scoliosis Research Society 47th Annual Meeting and Course, Chicago, Illinois, September 7, 2012. Session 6: Adolescent Idiopathic Scoliosis II. Moderators: Laurel C. Blakemore, MD and Peter O. Newton, MD
- International Congress on Early Onset Scoliosis and Growing Spine: Orlando, FL
  - November 19, 2011. Session 5: Papers- Classification/ Assessment/ Secondary
  - Effects.
- Scoliosis Research Society 46th Annual Meeting and Course, Louisville, Kentucky, September 16, 2011. Session VII- Adolescent/Outcomes/ Congenital Scoliosis. Moderators: Oheneba Boachie-Adjei, MD and Laurel C. Blakemore, MD.

## **EDUCATION, CLERKSHIPS AND MENTORING**

# CURRICULUM VITAE

January 2021- Luke Mugge, MD Neurosurgery Resident, Inova Fairfax Hospital

February- March 2020- Katelyn Rourk- undergrad, University of Florida, interested in pediatric orthopaedics and research

February 2020- Sonora Andromeda, MS3, mentor, University of Florida, interested in pediatric orthopaedics and research

November 2019- Nicholas Cassera- undergrad, University of Florida, interested in pediatric orthopaedics

August 2019- Women in Medicine Field Trip Tour, group of 6-8 6th-12th graders interested in medicine

August 2019- Katherine Daniel- undergrad, University of Florida, interested in pediatric orthopaedics and research

August 2019- Alyson Moriarty- undergrad, University of Florida, interested in pediatric orthopaedics

July 2019- Lindsey Morrow- undergrad, University of Florida, interested in pediatric orthopaedics

July 2019- Delaney McDaniel- undergrad, University of Florida, interested in pediatric orthopaedics and research

July 2019- Imaray Noda- undergrad, University of Florida, interested in pediatric orthopaedics

June 2019- Sunny Trivedi- MS3 University of Florida, Mentorship

May 2019- Katelyn Rourk-undergrad, University of Florida, interested in pediatric orthopaedics

March 2019- Hannah Lyons- undergrad, University of Florida, interested in pediatric orthopaedic surgery.

March 2019- Matthew Fahey- Orthopaedics & Sports Medicine Research Intern, interested in pediatric orthopaedic, accepted into medical school.

January 2019- Leila Shafiq- MSI University of Florida, interested in pediatric orthopaedic surgery.

January 2019-Bailey Brasington; undergrad, University of Florida, interested in pediatric orthopaedic surgery.

October 2018- Present: research mentor, Yusuf Mehkri, Medical Student, University of Florida, interested in pediatric orthopaedic research.

October 2018: Resident Journal Club. Department of Orthopaedics & Sports Medicine, University of Florida.

August 2018: Anjana Balachandar, school research project- Idiopathic Scoliosis Prototype, Bucholz High School.

June 2018: mentor, Delshaina Cadet, student's career planning, clinical experience, Health Care Summer Institute program, University of Florida.

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June 2018: mentor, Briana Flores, student's career planning, clinical experience, Health Care Summer Institute program, University of Florida.

June 2018: mentor, Allison French, student's career planning, clinical experience, Health Care Summer Institute program, University of Florida.

June 2018: Katie Bohn, University of Florida, interested in pediatric orthopaedic surgery.

May 2018: Elizabeth Kwenda, MSI University of Florida, interested in pediatric orthopaedic surgery.

May 2018: John Chen, University of Florida, interested in pediatric orthopaedic surgery.

May 2018: Tasmeeh Ravy, University of Florida, interested in pediatric orthopaedic surgery.

April 2018: Daniel Donovan, University of Florida, interested in pediatric orthopaedic surgery.

March 2018: Alexa Villanueva, University of Florida, interested in orthopaedic surgery.

February 2018: Jillian Leverett, University of Florida, interested in pediatric orthopaedic surgery.

June 2017-April 2018: research mentor, Noel Palumbo, MSIII University of Florida, research within pediatric orthopaedic surgery.

December 2017: referee for Ying Li, MD being reviewed for promotion to Associate Professor of Orthopaedic Surgery on Clinical track

August 2017: mentor, students career planning, clinical experience, Health Care Summer Institute program, University of Florida.

July 2017: referee for Leigh Lather, MD being reviewed for promotion to Associate Professor of Orthopaedic Surgery on Clinical track.

August 2016: coordinating lecture to University of Florida AMWA chapter on careers in orthopedic surgery. Have arranged 3 faculty and 3 resident speakers to accompany.

April 2016- Lindsay Palm, University of Florida PhD student interested in a career in orthopedic surgery, will be participating in research in division.

May 2015: Shaleen Thakur, University of Florida, interested in orthopaedics and sports medicine.

March-April 2015: Devin Kelly, University of Florida, interested in a medical career.

August-September 2014: Elizabeth Pace, University of Florida, interested in a medical career.

June 2014: Brittany Bradley, University of Florida, interested in a medical career.

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February-March 2014: Glenn Sapp, University of Florida, interested in a medical Career

June-July 2011: Kaylie Miller, mentor, Northwestern 2nd year, interested in orthopedic surgery

June-August, 2011: Emily Livingston, mentor, Gill scholarship recipient Neil Nayak, Health services scholarship recipient Mark Anderson, Princeton undergraduate scholar

June-August, 2010: Mark Anderson, mentor, rising first year medical student, George Washington University School of Medicine, summer research intern.

June-August 2008-2010: mentor, Princeton undergraduate student research preceptorship, independent student preceptorship. Irene Zhang, Kate Therkelsen.

September 2004-2010: George Washington University medical student mentor: 1-3 students year.

October 2002- present: American Medical Women Association Mentor: provide mentorship for female medical students considering a surgical career.

July 2002-2004: Director of Resident Education, Department of Orthopaedic Surgery, University of Michigan Medical Center. Current charges include restructuring residency to comply with new ACGME regulations for resident duty hours, revising resident selection and interview process.

January 2002-2004: Supervise orthopaedic clinical exposure for pediatric residents (1-3 per month) during their Sports Medicine elective, University of Michigan Medical Center.

April 2001-2004: Faculty Mentor for residents (1-2 per year), medical students (2-4 per year), University of Michigan Medical Center.

January 1999-February 2001: Faculty mentor for orthopaedic surgery resident, Case Western Reserve University.

January 1999-February 2001: Participated in medical student mentoring program for 1-2 students per year considering a career in orthopaedic surgery, Case Western Reserve University.

January 1999-February 2001: Clinical Clerkship Coordinator, sports medicine elective for pediatric residents at Rainbow Babies and Children's Hospital. Completed resident evaluations for each.

August 1998-February 2001: Clinical Clerkship Coordinator, section of Pediatric Orthopaedics. Tasks performed included coordinating annual bi-weekly pediatric orthopaedic lecture schedule, supervising journal club quarterly, and 3-5 lectures per year to residents and fellows. Re-designed rotation specific objectives and initiated entrance and exit interviews and evaluations for all residents on the pediatric rotation; this policy is now being expanded to all orthopaedic subspecialty rotations.

August 1998-February 2001: Member, Education Committee, Department of Orthopaedics, Case Western Reserve University.



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## CONSULTING POSITIONS

- 2021-2006 Chairman of the Shriners Hospitals for Children Medical Advisory Board.  
Team Physician, USA Hockey World Under 18 Team (gold medalists),  
Malmö, Sweden, April 8-22.
- 2010-2016 Member, Board of Surgical Advisors, K2M Medical, Leesburg, Virginia
- 2004-2012 Roster, USA Hockey traveling physicians
- 2001-2004- Team Physician, USA Hockey National Team Development Program
- 2001-2004- Consulting Privileges, St. Joseph Mercy Hospital, Ypsilanti, Michigan.

## SERVICE

## SCIENTIFIC ACTIVITIES

- 2001-2012 Consulting Reviewer, *Spine*
- 2001- Consulting Reviewer, *Journal of Pediatric Orthopaedics*
- 2001-2003 Member, Isola Study Group
- 2003- Consulting Reviewer, *Clinical Orthopaedics and Related Research*
- 2005-2008 Associate Member, Spinal Deformity Study Group
- 2005-2012 Consulting Reviewer, *American Journal of Sports Medicine*
- 2007- Consulting Reviewer, Journal of the American Academy of Orthopaedic Surgery
- 2008-2014 Consulting Reviewer, *Scoliosis*
- 2008-2014 Member, Complex Spine Study Group  
Co-chairman, Growing Spine Subgroup
- 2010- Consulting Reviewer, *Journal of Bone and Joint Surgery (A)*
- 2011- Member, Growing Spine Study Group
- 2011- Associate Editor, *Spinal Deformity*
- 2012- Founding member, Pediatric Cervical Spine Study Group
- 2013- 2016 Founding Member, PJK Study Group
- 2014- Member, MIMO (Minimize Implants Maximize Outcomes) Study Group
- 2017- Executive Committee Member, Growing Spine Study Group
- 2018- Member Children's Spine Safety Group
- 2020- Editorial Board Member, *Children*
- 2020- Member, Harms Study Group Non-Fusion Section

## ADVOCACY

July 23, 2008. Participant, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) of the National Institutes of Health (NIH). Stakeholders Meeting on Pediatric Medical and Surgical Devices Development. Co-sponsors of the meeting included the

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Food and Drug Administration (FDA) and the Agency for Healthcare Research and Quality (AHRQ). Presented 'Challenges to Continued Device Development' and Panel Discussion Participant on History, Current Status, Barriers, & Issues on Pediatric Devices

Sept. 3, 2009. Speaker, Pediatric Orthopaedic Seminars at the FDA. "Introduction to Pediatric Musculoskeletal Disease: Understanding Device Treatment Options Within a Regulatory Framework"

October 29-30, 2009. Member of Pediatric Orthopaedic Task Force presenting at Pediatric Clinical Trials Workshop: "Unmet Needs, Trial Designs and Clinically Meaningful Safety and Effectiveness Outcomes"

2009- Member, joint POSNA and SRS Task Force on Pediatric Devices

February 9, 2012. Participant, Industry for Kids Forum, American Academy of Orthopaedic Surgeons, San Francisco, California.

March 14, 2019. Participant, POSNA /SRS Kid's Device Forum- American Academy of Orthopaedic Surgery Annual Meeting, Las Vegas, Nevada.

### **COMMUNITY SERVICE**

2018-2021 United States Hunter Jumper Association Ad Hoc Task Force on Competitor Safety  
2012-2021 Member, Board of Directors, Upperville Colt and Horse Show, Upperville, Virginia  
2021- United States Hunter Jumper Association Committee on Competitor Safety