

## CURRICULUM VITAE

**Date:** June, 2017

### PERSONAL INFORMATION:

Name: Peter Weiser, M.D.  
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**RANK/TITLE:** Associate Professor, Division of Pediatric Rheumatology 2015  
**Department:** Pediatrics  
**Business Address:** Division of Rheumatology  
Children's Park Place North  
1601 4<sup>th</sup> Avenue South, Suite M10  
Birmingham, AL 35233  
**Mailing Address:** Children's of Alabama (CoA)  
Dept. of Pediatrics, Div. of Rheumatology  
1600 7<sup>th</sup> Avenue South, CPP Suite M10  
Birmingham, AL 35233-1711  
**Phone:** (205) 996-9191

### HOSPITAL AND OTHER (NON ACADEMIC) APPOINTMENTS:

August 2009-Present Attending Physician, Children's of Alabama

### EDUCATION:

2000 MUDr. (M.D., with Honors) P. J. Šafárik University in Košice, Slovak Republic

### LICENSURE:

New York – residency training license – inactive  
Missouri – fellowship training license – inactive  
Alabama (MD.29418)

### BOARD CERTIFICATION:

2011 - present Pediatric Rheumatology Board (ABP)  
2006 - 2016 American Board of Pediatrics (ABP)

### POSTDOCTORAL TRAINING:

2006-2009 Fellow in Pediatric Rheumatology, Washington University, St. Louis, MO  
2003-2006 Resident in Pediatrics, University of Buffalo, Buffalo, NY  
2001-2003 Post-doctoral research fellow, University of Massachusetts, Worcester, MA

### ACADEMIC APPOINTMENTS:

2011-Present Adjunct Faculty, Assistant Professor of Pediatrics at the USA  
Children's and Women's Hospital, Mobile, AL

2009-2015 Assistant Professor of Pediatrics, University of Alabama at  
Birmingham School of Medicine, Birmingham, AL  
2015-present Associate Professor of Pediatrics, University of Alabama at  
Birmingham School of Medicine, Birmingham, AL

**AWARDS/HONORS:**

2014 Department of Pediatrics Excellence in Medical Education Award  
2011 Department of Pediatrics Excellence in Teaching Award  
2011 Inaugural “My Doc Rocks!” nominee for Alabama; campaign organized by the Arthritis  
Foundation  
2006 Inaugural Dr. Gerald E. Daigler Residency Program Director Award  
2001 Post-doctoral Mentor Based Fellowship, American Diabetes Association  
2000 Grand Prix 2000 (One of the 18 graduates of Class 2000 across all universities and colleges in  
the Slovak Republic for Academic Excellence), Volksbank – Ludova Banka a.s.  
2000 Graduated Best in Class, Šafárik University in Košice, Slovak Republic

**CERTIFICATES:**

2012 AAPC Certified Rheumatology Coder

**PROFESSIONAL SOCIETIES:**

Alabama Society for the Rheumatic Diseases (2009-Present)  
American College of Rheumatology (ACR)  
Childhood Arthritis & Rheumatology Research Alliance (CARRA)

**UNIVERSITY ACTIVITIES:**

2016 Division representative at AAP National Meeting, Washington, DC  
2015-Present Division champion for ICD10 implementation  
2015-Present Course Director for Pediatric Rheumatology MSIII  
2014 Registration and Scheduling Workgroup  
2009-2011 Curriculum Committee for UAB Pediatrics Residency Program  
2012-2013 CME Committee for Children’s of Alabama, Birmingham  
2011-2012 Curriculum Committee Resident/Faculty Task Force  
2012 Clinical Strategic Planning Committee  
2010 Collaborative Physician for Pediatric Nurse Practitioner, Sherry Chatman CRNP  
2011-Present Collaborative Physician for Pediatric Nurse Practitioner, Cindy Bridgewater CRNP  
2011 UAB Pediatric Residency Program Career Day – academic track panel discussion;  
Bradley Lecture Center, Children’s Harbor Building

**EDITORIAL BOARD MEMBERSHIP**

**Ad-Hoc Reviewer:**

Clinical Rheumatology  
Pediatric Rheumatology Online Journal  
Arthritis Care and Research

**MAJOR RESEARCH INTERESTS:**

1. Education of medical students, residents, and fellows.
2. Transition care from pediatric to adult practices.
3. Musculoskeletal ultrasonography for diagnosis and treatment.
4. Diagnosis and treatment of pediatric amplified musculoskeletal pain syndromes.

**TEACHING EXPERIENCE:**

**CME/GRAND ROUNDS/EDUCATIONAL LECTURES:**

1. Lecturer, "It's a Hard Life: Systemic Sclerosis", Rheumatology Grand Rounds, Washington University, St. Louis, MO, September 2006
2. Lecturer, "Baby Blues", Rheumatology Grand Rounds, Washington University, St. Louis, MO, April 2007
3. Lecturer, "Looks Can Be Deceiving", Rheumatology Grand Rounds, Washington University, St. Louis, MO, May 2007
4. Lecturer, "Periodic Febrile Syndromes – FKO?", Pediatric Grand Rounds, Women & Children's Hospital of Buffalo, Buffalo, NY, June 2008
5. Lecturer, "Rheumatology in Pediatrics", CME event at the Crestwood Medical Center, Huntsville, AL, for primary and subspecialty care providers, November 2009
6. Lecturer, "Recurrent Fever Syndromes", for adult Rheumatology Fellow's conference, University of Alabama at Birmingham, Birmingham, AL, December 2009
7. Lecturer, "Recurrent Fever Syndromes", for pediatric residents at the University of South Alabama, Mobile, AL, January 2010
8. Lecturer, "It's in Your Head – Amplified Musculoskeletal Pain Syndrome". UAB Adolescent Update Continuing Education Conference – Interdisciplinary Perspectives: Physical Activity and Managing Adolescent Pain and Anxiety. Birmingham, AL, April 2011
9. Lecturer, "Is It in My Head? – Amplified Musculoskeletal Pain Syndromes". 4<sup>th</sup> Annual Shoals Pediatric Update, The University of Alabama School of Medicine, University of North Alabama, Florence, AL, April 2011
10. Lecturer, "It is Not Only in Your Head - Amplified Musculoskeletal Pain Syndromes". Morning with Faculty. Educational Update for Pediatric Allergy, Immunology & Rheumatology May 2011, The Children's Hospital of Alabama, Birmingham, AL
11. Lecturer, "Macrophage Activation Syndrome – The Enemy in Disguise". Grand Rounds, June 2011, Columbus Medical Center, Columbus, GA
12. Lecturer, "To Refer or Not to Refer – A Joint Adventure". Grand Rounds, October 2011, Columbus Medical Center, Columbus, GA
13. Lecturer, "Old Enemy, New Friends. Kawasaki Disease in the Era of Biologics". Grand Rounds, April 2012, Columbus Medical Center, Columbus, GA
14. Lecturer, "New Allies Against an Old Enemy: Kawasaki Disease in the Era of Biologics". Grand Rounds, July 2012. Children's of Alabama, Birmingham, AL
15. Lecturer, "Life Goes On. It's a Detour Not a Wall". Vasculitis Foundation Symposium, July 2012, Atlanta, GA
16. Lecturer, "Growing-up Pains: Is There a Cure for Adolescent Transitioning". The 58<sup>th</sup> Annual Lowe Conference on Rheumatic Diseases. September 27-29, 2013; Stough Lodge, Camp McDowell, AL

17. Lecturer, "From Check-in to Rheum in 13 minutes". Marshall County Medical Society Meeting. November 5, 2013. Guntersville, AL
18. Lecturer, "Anti-inflammatory Therapy". Fundamentals II for Dental Optometry Students. UAB School of Medicine lecture series. December 10, 2013. Birmingham, AL
19. Lecturer, "From Check-in to Rheum in 13 Minutes: The Clues that Make a Rheumatologic Case". 2014 Spring Meeting & Pediatric Update, April 24-27, 2014, Marriott Grand Hotel, Point Clear, AL
20. Lecturer, "Chasing Pain: The Challenges of Amplified Musculoskeletal Pain Syndrome Diagnosis and Treatment". 2014 Spring Meeting & Pediatric Update, April 24-27, 2014, Marriott Grand Hotel, Point Clear, AL
21. Lecturer, "Leap or Lurk – SLE and Related Systemic Inflammatory Conditions diagnosis and Treatment". Grand Rounds, May 8 2014, Midtown Medical Center, Columbus, GA
22. Lecturer, "Rashes in Rheumatologic Conditions". Grand Rounds, November 6 2014, Midtown Medical Center, Columbus, GA
23. Lecturer, "Chasing Pain. Amplified Musculoskeletal Pain Syndrome". Springing into Pediatric Rheumatology, March 12 2016, Children's of Alabama, Birmingham, AL

#### **UNIVERSITY COURSES:**

1. Lecturer, "Pediatric Rheumatology", University of Alabama at Birmingham School of Medicine 3<sup>rd</sup> year medical students required pediatric clerkship, every 8 weeks, 2009-present
2. Lecturer, topics in pediatric rheumatology for residents, recurring, 2009-present

#### **CLINICAL SERVICE (rotating medical students, residents, and fellow physicians):**

1. Attending physician at Pediatric Rheumatology Clinic, Children's Hospital of Alabama, five half-days per week.
2. Attending Physician at Pediatric Rheumatology Satellite Clinic, Children's Hospital of Alabama – Huntsville (October 2012-present) and Montgomery (July 2013-present), 2 half days monthly each location.
3. Consulting physician for the Undiagnosed Disease Program – UAB, Birmingham, AL– Fall 2013-present.
4. Attending Physician on the Pediatric Rheumatology Service, Children's Hospital of Alabama, 14 weeks per year, 2009-present.
5. Attending Physician, Children's Rehabilitation Service, Children's Hospital of Alabama, once monthly, 2009-2011.
6. Attending Physician, Children's Rehabilitation Service, South Alabama Campus, Mobile, AL, once bimonthly, 2009-present.

#### **MENTORING MEDICAL STUDENTS:**

Abhay Kulkarni  
Catherine Heith  
Diane Luong

#### **COMMUNITY SERVICE:**

1. Arthritis Foundation Birmingham Chapter Board member 2010-2012

2. Camp Physician June 2010, June 2011 at CAMP MASH - Rheumatology camp in Mobile, AL
3. Lecturer, "Juvenile Idiopathic Arthritis". JA Saturdays organized by the Arthritis Foundation Alabama Chapter. September – October 2011, Huntsville, Al; Montgomery, AL; Mobile, AL
4. Lecturer, "Juvenile Idiopathic Arthritis". JA Saturdays organized by the Arthritis Foundation Alabama Chapter. March – October 2013, Hunstville, Al; Montgomery, AL; Mobile, AL
5. Lecturer, "Juvenile Arthritis". JA Family Day organized by the Arthritis Foundation Alabama Chapter. April 24, 2017, Birmingham, AL

#### **BIBLIOGRAPHY:**

ORCID [orcid.org/0000-0002-3296-3720](http://orcid.org/0000-0002-3296-3720)

#### **MANUSCRIPTS PUBLISHED:**

1. Whalen BJ, **Weiser P**, Marounek J, Rossini AA, Mordes JP, Greiner DL. Recapitulation of normal and abnormal BioBreeding rat T cell development in adult thymus organ culture. *J Immunol*. 1999 Apr 1;162(7):4003-12.
2. Whalen BJ, Marounek J, **Weiser P**, Appel MC, Greiner DL, Mordes JP, Rossini AA. BB rat thymocytes cultured in the presence of islets lose their ability to transfer autoimmune diabetes. *Diabetes*. 2001 May;50(5):972-9.
3. Pearson T, **Weiser P**, Markees TG, Serreze DV, Wicker LS, Peterson LB, Cumisky AM, Shultz LD, Mordes JP, Rossini AA, Greiner DL. Islet allograft survival induced by costimulation blockade in NOD mice is controlled by allelic variants of Idd3. *Diabetes*. 2004 Aug;53(8):1972-8.
4. Studelska DR, Mandik-Nayak L, Zhou X, Pan J, **Weiser P**, McDowell LM, Lu H, Liapis H, Allen PM, Shih FF, Zhang L. High affinity glycosaminoglycan and autoantigen interaction explains joint specificity in a mouse model of rheumatoid arthritis. *J Biol Chem*. 2009 Jan 23;284(4):2354-62.
5. Pan J, Qian Y, Zhou X, Pazandak A, Frazier SB, **Weiser P**, Lu H, Zhang L. Oversulfated chondroitin sulfate is not the sole contaminant in heparin. *Nat Biotechnol*. 2010 Mar;28(3):203-7.
6. Yi Qian, Jing Pan, Xiaodong Zhou, **Weiser P**, Hong Lu, Shih FF, Porche-Sorbet R, Eby C, Lijuan Zhang. Heparin and oversulfated heparin byproduct induce thrombin generation through contact system activation in plasma of patients with HIT. *Clin Appl Thromb Hemost*. 2010 Jun;16(3):251-60.
7. Yi Qian, Jing Pan, Xiaodong Zhou, **Weiser P**, Hong Lu, Beck AM, Shih FF, Lijuan Zh. Contaminated heparin-affected patient plasmas are associated with activated contact systems. *Clin Appl Thromb Hemost*. 2010 Jun;16(3):26.
8. Pan J, Qian Y, Zhou X, Pazandak A, Frazier SB, **Weiser P**, Lu H, Zhang L. Identification of Chemically Sulfated/desulfated Glycosaminoglycans in Contaminated Heparins and Development of a Simple Assay for the Detection of Most Contaminants in Heparin. *Glycobiol Insights*. 2010 Feb 2;2010(2):1-12.

9. Qian Y, Pan J, Zhou X, **Weiser P**, Lu H, Zhang L. Molecular mechanism underlines heparin-induced thrombocytopenia and thrombosis. *Prog Mol Biol Transl Sci.* 2010;93:395-421. Review.
10. Zhou X, **Weiser P**, Pan J, Qian Y, Lu H, Zhang L. Chondroitin sulfate and abnormal contact system in rheumatoid arthritis. *Prog Mol Biol Transl Sci.* 2010;93:423-42. Review.
11. **Weiser P**, Qian Y, Pan J, Zhou X, Lu H, Studelska DR, Shih FF, Zhang L. Activated contact system and abnormal glycosaminoglycans in lupus and other auto- and non-autoimmune diseases. *Prog Mol Biol Transl Sci.* 2010; 93:443-72. Review.
12. Pan J, Qian Y, **Weiser P**, Zhou X, Lu H, Studelska DR, Zhang L. Glycosaminoglycans and activated contact system in cancer patient plasmas. *Prog Mol Biol Transl Sci.* 2010;93:473-95. Review.
13. Fain ET, Atkinson GP, **Weiser P**, Beukelman T, Cron RQ. Temporomandibular joint arthritis in pediatric Sjogren disease and sarcoidosis. *J Rheumatol.* 2011;38(10):2272-3.
14. **Weiser P**, Johnson S, Lowe R, Cron RQ. Temporomandibular Joint Arthritis in Juvenile Dermatomyositis and Pediatric Mixed Connective Tissue Disease. *Ann Paediatr Rheum.* 2013;2(2):91-94.
15. Donnithorne KJ, Read RW, Lowe R, **Weiser P**, Cron RQ, Beukelman T. Retinal vasculitis in two pediatric patients with systemic lupus erythematosus: a case report. *Pediatr Rheumatol Online J.* 2013 Jun 4;11(1):25.
16. Beckum KM, Kim DJ, Kelly DR, **Weiser P**, Lara DA, Theos A. Polyarteritis Nodosa in Childhood: Recognition of Early Dermatologic Signs May Prevent Morbidity. *Pediatr Dermatol.* 2013 Aug 13. doi: 10.1111/pde.12207. [Epub ahead of print].
17. Tambralli A, Beukelman T, **Weiser P**, Atkinson TP, Cron RQ, Stoll ML. High Doses of Infliximab in the Management of Juvenile Idiopathic Arthritis. *J Rheumatol.* 2013 Oct;40(10):1749-1755.
18. Györgyi Z, Foeldvari I, **Weiser P**, Szabó A, Constantin T. Recent Advances in Systemic Scleroderma in Children. *Annals of Paediatric Rheumatology. Ann Paediatr Rheum.* 2014; 3(4):146-157.
19. Ferguson ID, **Weiser P**, Torok KS. A Case Report of Successful Treatment of Recalcitrant Childhood Localized Scleroderma with Infliximab and Leflunomide. *The Open Rheumatology Journal.* 2015;9:30-35.
20. Ghannam MY, Naseemuddin M, **Weiser P**, Mason JO 3<sup>rd</sup>. Acute multifocal hemorrhagic retinal vasculitis in a child: a case report. *BMC Ophthalmol.* 2016;16(1):181

#### **OTHER PUBLICATIONS:**

#### **NON-PEER REVIEWED:**

#### **REVIEWS:**

1. Kuchta M., **Weiser P.**: *Analýza detského plaču , (Infant cry acoustical analysis)*, review, *Folia Medica Cassoviensia, Universitas Šafarikiana Cassoviensis*, 1997, Tomus 54:320-324.

#### **MEDIA:**

1. **Dr. Peter Weiser:** Pediatric Rheumatology, treating young vasculitis patients. Published in 2012 by the Vasculitis Foundation. <http://www.youtube.com/watch?v=9w977tvdTNE>

## **BOOKS:**

### **Book Chapters Published:**

1. Cron RQ, Beukelman T, **Weiser P**. Juvenile idiopathic arthritis. In Rich RR, Fleisher TA, Shearer WT, Schroeder H, Weyand C, Frew A (Eds.), *Clinical Immunology: Principles and Practice*, 4th Edition, 2011. London:Elsevier.
2. **Weiser P**, Cron RQ, Pessler F. Sarcoidosis. In M. William Schwartz (Ed). *The 5-Minute Pediatric Consult*. 6<sup>th</sup> edition, 2012. pp762-763.
3. **Weiser P**, Cron RQ. Scleroderma . In M. William Schwartz (Ed). *The 5-Minute Pediatric Consult*. 6<sup>th</sup> edition, 2012.pp768-769.
4. **Weiser P**. Approach to the Patient with Noninflammatory Musculoskeletal Pain. In Laxer R., Sherry DD (Eds).In: *Pediatric Clinics of North America*. Elsevier.2012.pp471-492.
5. **Weiser P**, Cron RQ. Scleroderma. In M. D. Cabana (Ed). *The 5-Minute Pediatric Consult*. 7<sup>th</sup> edition, 2015.pp814-815.
6. **Weiser P**, Cron RQ, Sarcoidosis. In M. D. Cabana (Ed). *The 5-Minute Pediatric Consult*. 7<sup>th</sup> edition, 2015.pp808-809.

### **Book Scientific Editor:**

1. Nagy Melinda: *Humánbiológia. (Human Biology)*. Textbook. Liliun Aurum 2006.

## **PUBLISHED ABSTRACTS:**

### **Poster Exhibits:**

1. Cron, R.Q., Tramballi A., Beukelman T., **Weiser, P.**, Atkinson T.P., Stoll, M.L.: *High Doses of Infliximab in the Management of Juvenile Idiopathic Arthritis*. EULAR 2013, Madrid, Spain, 12 – 15 June 2013.
2. **Weiser P.**, Zhou X., Pan J., Qian Y., Shih FF., Pham, C.T., Zhang L.: *Chondroitin sulfate contributes to joint inflammation in the K/BxN experimental model*. Poster presentation at the Washington University Department of Pediatrics Research Retreat, Saint Louis, MO, April 3, 2009.

### **Oral Presentations:**

1. Najmik P., **Weiser P.**: *Self-monitoring versus ambulatory monitoring of blood pressure by patients with hypertension*, IV. Meeting of the Slovak Cardiology Society with International Participation, Košice, September 23 – 26, 1999.
2. Melinda Nagy, Lajos Kalmár, **Peter Weiser**, Attila Tordai: *Population Genetic Analysis of Disease Founder Mutations*. Abstract presentation at the 15th Congress of the European Anthropological Association, “Man and Environment: Trends and Challenges in Anthropology”, Budapest, Hungary , 31 August – 3 September, 2006.