

# CURRICULUM VITAE

## **Brad T. Tinkle, M.D., Ph.D.**

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### **CONTACT INFORMATION**

#### **Business Address**

Advocate Medical Group- Medical Genetics  
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### **EDUCATION**

Clinical Molecular Genetics Fellow, Cincinnati Children's Hospital Research Foundation, Cincinnati OH, 07/2004 – 06/2006

- Certified, American Board of Medical Genetics – Clinical Molecular Genetics (09/2007)

Pediatrics/Human Genetics Residency, Department of Pediatrics, University of Cincinnati and Cincinnati Children's Hospital Medical Center, Cincinnati OH, 07/1999 – 06/2004

- Certified, American Board of Pediatrics (10/2003)
- Certified, American Board of Medical Genetics - Clinical Genetics (09/2005)

Indiana University School of Medicine, Indianapolis IN, 08/1995 – 06/1999, MD

George Washington University, Washington, DC, 08/1989 – 08/1995, PhD in Genetics

Purdue University, West Lafayette IN, 08/1984 – 05/1989, BSE in Genetic Engineering

### **EMPLOYMENT HISTORY**

Medical Director, Clinical Genetics, Advocate Medical Group and the Advocate Children's Hospital, Park Ridge and Oak Lawn IL, 09/2012 – Present

Clinical Molecular Geneticist (concurrent with Clinical Geneticist), Division of Human Genetics, Department of Pediatrics, Cincinnati Children's Hospital Medical Center, Cincinnati OH, 07/2006 – 08/2012

Clinical Geneticist, Division of Human Genetics, Department of Pediatrics, Cincinnati Children's Hospital Medical Center, Cincinnati OH, 07/2004 – 08/2012

**ACADEMIC APPOINTMENT**

Lecturer, Department of Pediatrics, Rosalind Franklin University- Chicago Medical School,  
North Chicago IL, 12/2012 – Present  
Associate Professor of Pediatrics-Affiliated, University of Cincinnati, Cincinnati OH  
09/2011 – 09/2012  
Assistant Professor of Pediatrics-Affiliated, University of Cincinnati, Cincinnati OH  
07/2004 – 09/2011

**AWARDS and HONORS**

National Institutes of Health Loan Repayment Program Awardee (2004 – 2008)  
Osteogenesis Imperfecta Foundation Geisman Research Fellowship (2006 – 2007)  
American Red Cross/George Washington University Fellowship (1989 – 1992)  
Sigma Xi Honor Society (1995)  
Indiana University Medical Alumni Scholarship (1995 – 1996)  
Indiana University Medical School Scholarship (1998 – 1999)

**PROFESSIONAL ASSOCIATIONS**

American Medical Association  
American Academy of Pediatrics  
American Society of Human Genetics, 1997 – Present  
American College of Medical Genetics, 2004 – Present

**SERVICE****Committee- International**

Chair, Hypermobility Committee, International Committees on Ehlers-Danlos Syndrome,  
1/2015 – Present  
Member, Steering Committee, International Committees on Ehlers-Danlos Syndrome,  
12/2014 – Present

**Committee- State**

Member, Lysosomal Storage Disorder Subcommittee, Genetic and Metabolic Diseases  
Advisory Committee, Illinois Department of Public Health, 11/2014 – Present

**Committee- Institutional**

Member, Clinical Effectiveness Laboratory Steering Committee, Advocate Health Care,  
11/2014 – Present  
Member, ACL Laboratories Scientific Council, 11/2013 – Present  
Member, Lutheran General Hospital Cancer Institute Advisory Board, 9/2013 – Present  
Member, ACL Laboratories Molecular Diagnostic Steering Committee, 1/2013 – Present  
Member, Committee on Cancer, Lutheran General Hospital, 10/2012 – Present

Member, Search Committee, Director of the Thomas Center for Down Syndrome, Division of Developmental Pediatrics, Cincinnati Children's Hospital Medical Center, 2008 – 2009

Member, Genetic Counseling program Faculty Advisor Committee, College of Allied Health, University of Cincinnati, 2004 – 08/2012

### **Committee- Divisional**

Chair, Division of Human Genetics Educational Committee, Cincinnati Children's Hospital Medical Center, 2011 – 08/2012

Member, Division of Human Genetics Equipment Committee, Cincinnati Children's Hospital Medical Center, 2009 – 08/2012

Member, Division of Human Genetics Training Directors Committee, Cincinnati Children's Hospital Medical Center, 2009 – 08/2012

### **Professional Activities**

Director, Marfan/Aortopathy Clinic, Advocate Children's Hospitals, Oak Lawn and Park Ridge campuses, 1/2015 – Present

Co-Director, Skeletal Dysplasia Clinic, Advocate Children's Hospital- Park Ridge, 9/2013 – Present

Medical Director, Down Syndrome Clinic, Advocate Children's Hospital- Park Ridge, 11/2012 – Present

Medical Director, Advocate Medical Group Clinical Genetics, 9/2012 – Present

Co-Medical Director, Day Treatment Program for Musculoskeletal Pain, Cincinnati Children's Hospital Medical Center, 2011 – 08/2012

Associate Director, Molecular Genetics Laboratory, Cincinnati Children's Hospital Medical Center, 2010 – 08/2012

Director, Skeletal Dysplasia Center, Cincinnati Children's Hospital Medical Center, 2006 – 08/2012

Director, Connective Tissue Clinic, Cincinnati Children's Hospital Medical Center, 2006 – 08/2012

Co-Director, Marfan/Ehlers-Danlos Syndrome Clinic, Cincinnati Children's Hospital Medical Center, 2006 – 2010

Assistant Director, Molecular Genetics Laboratory, Cincinnati Children's Hospital Medical Center, 2006 – 2010

Consultant, Mayerson Center for Safe & Healthy Children, Cincinnati Children's Hospital Medical Center, 2006 – 08/2012

Consultant, Alvin Crawford Orthopaedic Spine Center, Cincinnati Children's Hospital Medical Center, 2006 – 08/2012

Consultant, Fetal Care Center, Cincinnati Children's Hospital Medical Center, 2006 – 08/2012

### **National/International Distinguished Activities**

*Speaker, American College of Rheumatology, San Francisco CA, November 9, 2015*

*Speaker, Ehlers-Danlos National Foundation 2015 Learning Conference, Baltimore MD, August 14, 2015*

*Speaker, Dysautonomia International conference, Washington DC, July 19, 2015*

*Speaker, "Ehlers-Danlos Syndrome", EDS Awareness Webinar Series, May 19, 2015*

- Speaker, “An Update in the Genetics of Heritable Disorders of Connective Tissue”, British Society of Rheumatology, Manchester, England, April 30, 2015
- Speaker, “The Spectrum of Pediatric Hypermobility- A Geneticist’s Viewpoint”, American College of Rheumatology Annual Meeting, Boston MA, November 16, 2014
- Keynote Speaker, “Your Child and EDS”, EDS UK Residential Conference, Solihull, West Midlands, England, October 26, 2014
- Keynote Speaker, “EDS Myths and Facts”, EDS UK Residential Conference, Solihull, West Midlands, England, October 25, 2014
- Keynote Speaker, “Ehlers-Danlos Syndromes”, 5<sup>th</sup> Annual Marfan Syndrome and Connective Tissue Disorder Symposium, Manchester NH, September 13, 2014
- Speaker, “Staying Positive”, Hypermobility Syndromes Association Residential, England, July 27, 2014
- Speaker, “Genetics and Hypermobility Syndromes: What We Know and What is Happening in Genetics Right Now”, Hypermobility Syndromes Association, England, July 26, 2014
- Speaker, “The Health Burden of the Manifestations of the Hypermobility Syndrome Throughout Life”, Ehlers-Danlos Syndrome and Related Connective Tissue Disorders Conference, Westmead, New South Wales, Australia, July 19, 2014
- Speaker, “Fibromyalgia and Chronic Fatigue”, Ehlers-Danlos Syndrome and Related Connective Tissue Disorders Conference, Westmead, New South Wales, Australia, July 18, 2014
- Speaker, “Ehlers-Danlos and the Hypermobility Syndromes: A Commonly Ignored Health Concern”, Ehlers-Danlos Syndrome and Related Connective Tissue Disorders Conference, Westmead, New South Wales, Australia, July 18, 2014
- Speaker, “Too Tired: EDS and Fatigue”, Ehlers-Danlos Syndrome National Foundation Annual Learning Conference, Houston TX, July 11, 2014
- Speaker, “The Hypermobile Spine”, Chiari & Syringomyelia Foundation Research Colloquium, San Francisco CA, October 19, 2013
- Speaker, “Ehlers-Danlos Syndromes: Multi-systemic Disease”, 5<sup>th</sup> Nordic Conference on Ehlers-Danlos Syndrome, Uppsalla, Sweeden, September 25-26, 2013
- Speaker, “Joint Hypermobility Syndrome”, American College of Medical Genetics Annual Clinical Genetics Meeting, Phoenix AZ, March 20, 2013
- Panelist, “Towards an Updated Nosology of EDS”, 1<sup>st</sup> International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, Sept 8-11, 2012
- Panelist, “Towards a Structured Management Program for Hypermobility”, 1<sup>st</sup> International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, Sept 10, 2012
- Speaker, “Ehlers-Danlos Syndrome Hypermobility Type and Joint Hypermobility Syndrome: Natural History and Diagnostic Criteria”, 1<sup>st</sup> International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, Sept 10, 2012
- Session chair, “EDS Hypermobility Type and Hypermobility Syndromes”, 1<sup>st</sup> International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, Sept 10, 2012
- Scientific committee member, 1<sup>st</sup> International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, Sept 8-11, 2012
- Speaker, “EDS: Today and Tomorrow”, Ehlers-Danlos Syndrome National Foundation Learning Conference, Cincinnati OH, August 10, 2012
- Organizer, Ehlers-Danlos Syndrome National Foundation Learning Conference, Cincinnati OH, August 9-11, 2012

- Speaker, “Ehlers-Danlos Syndrome and Joint Hypermobility”, Ehlers-Danlos Syndrome for the Primary Care Provider, Cincinnati OH, August 9, 2012
- Organizer, “Ehlers-Danlos Syndrome for the Primary Care Provider”, Cincinnati OH, August 9, 2012
- Speaker, “Genetic Testing, Prevalence, and Future Trends in Diagnosis of EDS”, Ehlers-Danlos Syndrome Colloquium, Bethesda MD, October 1, 2011  
(<http://vimeo.com/35766823>)
- Organizer, Ehlers-Danlos Syndrome National Foundation Learning Conference, Baltimore MD, July 2011
- Speaker, “Head and Neck Pain in EDS/JHS”, Hypermobility Syndrome Association, Leicestershire, London, September 11, 2010
- Speaker, “Ehlers-Danlos Syndrome”, Nordic Conference on Ehlers-Danlos Syndrome, Copenhagen, Denmark, September 3, 2010
- Organizer, Ehlers-Danlos Syndrome National Foundation Learning Conference, Baltimore MD, July 2010
- Keynote Speaker- “EDS: What’s in a Name”, Ehlers-Danlos Syndrome National Foundation Learning Conference, Baltimore MD, July 17, 2010
- Speaker, “School Issues in EDS”, Ehlers-Danlos Syndrome National Foundation Learning Conference, Baltimore, MD, July 17, 2010
- Speaker, “Sleep Disturbances in Ehlers-Danlos Syndrome”, Ehlers-Danlos National Foundation Conference, Houston TX, August 2, 2008

### **Manuscript Review**

- Ad Hoc Reviewer- American Journal of Medical Genetics, ~3-6 articles reviewed per year
- Ad Hoc Reviewer- Journal of Pediatrics, ~1-2 articles reviewed per year
- Ad Hoc Reviewer- Saudi Medical Journal, ~1-3 articles reviewed per year
- Ad Hoc Reviewer- Clinical and Experimental Rheumatology, ~1-2 articles per year

### **Departmental/Divisional Recruitment**

- Interviewer of applicants for the pediatric residency and faculty applicants, Department of Pediatrics, Advocate Children’s Hospital, Park Ridge IL, 2013 – Present
- Interviewer of applicants for the various resident and fellow training programs associated with the Division of Human Genetics, Cincinnati Children’s Hospital Medical Center, 2004 – 08/2012
- Interviewer of the applicants for various residency candidates within the Department of Pediatrics, Cincinnati Children’s Hospital Medical Center, 2004 – 08/2012

### **Community Activities**

- Member, Board of Medical Panel, Ehlers-Danlos Syndrome Support UK, 2015 – Present
- Member, Board of Medical Advisors, Hypermobility Syndromes Association, United Kingdom, 2013 – Present
- Member, Center for Jewish Genetics Medical Advisory Task Force, Chicago IL, 2013 – 2014
- Member, Professional Advisory Network, Ehlers-Danlos Syndrome National Foundation, 2007 – Present
- Chair, Professional Advisory Network, Ehlers-Danlos Syndrome National Foundation, 2009 – 11/2012

Member, Board of Directors, Ehlers-Danlos Syndrome National Foundation, 2009 – 11/2012

Member, Medical Advisory Board, Down Syndrome Association of Greater Cincinnati, 2005 – 2012

## TEACHING

### Training

*~5% effort devoted to teaching/preceptorship currently including lectures*

- Rotating medical students, pediatric residents, and neonatology fellows
- Chair, Education Committee, Division of Genetics, 2011 – 2012
- Fellowship Training Director, Clinical Molecular Genetics, 2009 – 2012
- Mentor, Summer Undergraduate Research Fellows, 2009 and 2010
  
- Member, Genetic Counseling Program Faculty Advisory Committee, College of Allied Health Sciences, University of Cincinnati, 2004 – 2012
- Ad hoc member, Genetics Residency Training Program Curriculum Committee, Division of Human Genetics, Cincinnati Children's Hospital Medical Center, 2004 – 2012
- Oversee Clinical Genetics and Pediatric residents during clinic visits and inpatient consults
- Participate in the clinical training of the Genetic Counseling graduate students in the form of clinical supervision

### Academic Courses/Grand Rounds

*More than hundred various lectures given on clinical and human genetics to fellows, residents, medical students, dental students, as well as graduate students.*

“Trisomies 13 and 18”, Pediatric Grand Rounds, Advocate Children's Hospital- Park Ridge, March 25, 2014

“Prenatal Diagnosis”, Hematology-Oncology Grand Rounds, Advocate Lutheran General Hospital, March 14, 2013

“Joint Hypermobility in Pediatrics”, Pediatric Grand Rounds, Advocate Children's Hospital- Oak Lawn, February 6, 2013

“Inborn Errors of Metabolism”, Pediatric Grand Rounds, Advocate Children's Hospital- Park Ridge, January 15, 2013

“Genetics in Cancer”, Internal Medicine Grand Rounds, Advocate Lutheran General Hospital, November 14, 2012

“Joint Hypermobility in Pediatrics”, Pediatric Grand Rounds, Advocate Children's Hospital- Park Ridge, October 9, 2012

“Psychiatric Correlates of Joint Hypermobility Syndrome”, Psychiatry Grand Rounds, University of Cincinnati, January 11, 2012

“Cross-Sectional and Longitudinal Assessment of Cardiac Anomalies in Ehlers-Danlos Syndrome”, Cardiovascular Genetics Conference, Cincinnati Children's Hospital Medical Center, October 19, 2011

- “Interdisciplinary Pain Rehabilitation”, Nursing Grand Rounds, Cincinnati Children’s Hospital Medical Center, September 14, 2011
- “Interdisciplinary Pain Rehabilitation”, Pediatric Grand Rounds, Cincinnati Children’s Hospital Medical Center, September 6, 2011
- “Joint Hypermobility Syndrome: Being Flexible is Not Always Such a Good Thing!”, Internal Medicine Grand Rounds, University of Cincinnati, August 24, 2011
- “Joint Hypermobility in Student Athletes”, Pediatric Grand Rounds, Cincinnati Children’s Hospital Medical Center, November 3, 2009
- “Approach to the Diagnosis and Expectant Management of Fetal Skeletal Dysplasias”, Fetal Care Center Ground Rounds, Cincinnati Children’s Hospital Medical Center, March 5, 2009
- “Promoting Effective Interactions with Families of Children with Down Syndrome”, Pediatric Grand Rounds, Cincinnati Children’s Hospital Medical Center, September 2, 2008
- “Skeletal Dysplasias and the Skeletal Dysplasia Center”, Pediatric Grand Rounds, Cincinnati Children’s Hospital Medical Center, Cincinnati, Ohio, May 6, 2008
- “Heritable Connective Tissue Disorders with Cardiac Aspects” Cardiology Conference, Division of Pediatric Cardiology, Cincinnati Children’s Hospital Medical Center, Cincinnati, Ohio, April 21, 2008
- “Ehlers-Danlos Syndrome”, Department of Medical & Molecular Genetics, Indiana University School of Medicine, Indianapolis, Indiana, Sept 4, 2007
- “ICF Syndrome”, Clinical Immunology Case Conference, Division of Hematology/Oncology, Cincinnati Children’s Hospital Medical Center, April 2, 2007
- “High-Throughput Analysis of Candidate Extracellular Matrix Genes in Connective Tissue Disorders”, Cardiology Conference, Division of Pediatric Cardiology, Cincinnati Children’s Hospital Medical Center, Cincinnati, Ohio, June 20, 2005

### **Thesis Activities**

- Thesis Committee Member, Sara Paolucci, Genetic Counseling Graduate Program, Northwestern University, Masters of Science granted 6/2014
- Thesis Advisor, Nicki Smith, Genetic Counseling Graduate Program, University of Cincinnati, Masters of Science granted 6/2012
- Thesis Advisor, Elise Bendik, Genetic Counseling Graduate Program, University of Cincinnati, Masters of Science granted 8/2010
- Thesis Advisor, Jessica Hoffman, Genetic Counseling Graduate Program, University of Cincinnati, Masters of Science granted 6/2008

### **Teaching Materials**

- Tinkle B (2014)**, “Eye, Vision, and the Ehlers-Danlos Syndrome”, EDS-UK Information Sheet
- Levy H, **Tinkle B** (2010). “Ehlers-Danlos Medical Resource Guide” from the Ehlers-Danlos Syndrome National Foundation
- Black JH, Braverman AC, Byers P, Oderich G, Sundt T, **Tinkle B**, Wyse P (2009). Ehlers-Danlos National Foundation Clinical Reference Manual: Vascular Type.
- Black JH, Braverman AC, Byers P, Oderich G, Sundt T, **Tinkle B**, Wyse P (2009). Ehlers-Danlos National Foundation Medical Resource Guide: Vascular Type

**B Tinkle** (2007). "Reducing your genetic fear factor." *CincyChic*, published online at <http://cincychic.com/content/view/606/1/>, Nov 12, 2007

## GRANTS and CONTRACTS

Trial of Beta Blocker Therapy (Atenolol) vs. Angiotensin II Receptor Blocker (Losartan) in Individuals with Marfan Syndrome- 2012

Principal Investigator: Woody Benson, M.D., Ph.D. (CCHMC site)

Co-Investigator: Brad T. Tinkle, M.D., Ph.D.

Study Sponsor: NIH/Pediatric Heart Network

Children's Heart Association (Cincinnati Children's Hospital Medical Center) *Ended*  
Principal Investigator

"Cross-Sectional and Longitudinal Assessment of Cardiac Anomalies in Ehlers-Danlos Syndrome", Oct 1, 2007 – Sept 30, 2008

*This is a retrospective review of 10 years (~400 patients) of Ehlers-Danlos syndrome patients seen at CCHMC and the longitudinal assessment of their cardiac status. Study results published in Journal of Pediatrics.*

An International Multi-Center, Randomized, Open-Label, Safety and Efficacy Trial of Intravenous Zoledronic Acid Administered either Once or Twice Yearly in Children with Severe Osteogenesis Imperfecta- *CLOSED*

Principal Investigator: Brad T. Tinkle, M.D., Ph.D. (CCHMC site)

Study Sponsor: Novartis Pharmaceutical Corporation

Study Sponsor #: CZOL446H2202E1

CCHMC Translational Research Initiative Grant *Ended*  
Principal Investigator

"Identifying New Genes in Connective Tissue Disorders", July 1, 2006 – June 30, 2007

*This proposal describes the development and implementation of a novel, high-throughput method of identifying causative genes for Ehlers-Danlos syndrome (EDS).*

Osteogenesis Imperfecta Foundation Geisman Research Fellowship *Ended*  
Principal Investigator

"Novel High-Throughput System for Identification of Candidate Causative Genes in Bone Disorders", July 1, 2006 – June 30, 2007

*This proposal describes the development and implementation of a novel, high-throughput method of identifying causative genes for bone disorders.*



**ORIGINAL PUBLICATIONS- PEER REVIEWED**

- Gaines R, **Tinkle BT**, Halandras PA, Al-Nouri O, Cristomo P, Cho JS. Spontaneous ruptured dissection of the right common iliac artery in a patient with classic Ehlers-Danlos syndrome phenotype. *Ann Vasc Surg* 2015
- Weaver KN, Johnson J, Kline-Fath B, Zhang X, Lim FY, **Tinkle B**, Saal HM, Hopkin RJ (2014). [Predictive value of fetal lung volume in prenatally diagnosed skeletal dysplasia](#). *Prenat Diagn*. 2014 Aug 8. doi: 10.1002/pd.4475. PMID:25102973
- Tinkle BT**, Saal HM, and the Committee on Genetics (2013). Health supervision for children with Marfan syndrome. *J Pediatr* 132(4):e1059-72.
- Leslie N, **Tinkle BT** (2013). "Glycogen storage disease type II (Pompe disease)" in: *GeneReviews* at GeneTests: Medical Genetics Information Resource [database online]. Copyright, University of Washington, Seattle, 1997-2010. Available at <http://www.genetests.org>; PMID 20301438.
- Abonia JP, Wen T, Stucke EM, Grotjan T, Griffith MS, Kemme KA, Collins MH, Putnam PE, Franciosi JP, von Tiehl KF, **Tinkle BT**, Marsolo KA, Martin LJ, Ware S, Rothenberg ME (2013). High prevalence of eosinophilic esophagitis in patients with inherited connective tissue. *J Allergy Clin Immunol*; ePub; PMID 23608731.
- Sivakumaran TA, Husami A, Kissell D, Zhang W, Keddache M, Greinwald J, **Tinkle B**, Zhang K (2013). Performance evaluation of the next-generational sequencing approach for molecular diagnosis of hereditary hearing loss. *Otolaryngol Head Neck Surg*; ePub; PMID 23525850.
- Leslie ND, **Tinkle BT**, Strauss AW, Shooner K, Zhang K (2011). "Very long chain acyl-coenzyme A dehydrogenase deficiency" in: *GeneReviews* at GeneTests: Medical Genetics Information Resource [database online]. Copyright, University of Washington, Seattle, 1997-2010. Available at <http://www.genetests.org>; PMID 20301763
- Atzinger C, Meyer RA, Khoury PR, Gao Z, **Tinkle BT** (2011). Cross-sectional and longitudinal assessment of aortic root dilation and valvular anomalies in hypermobile and classic Ehlers-Danlos syndrome. *J Pediatr* 158:826-30.
- Rieley M, Stevenson D, Viskochil D, **Tinkle BT**, Martin L, Schorry EK (2011). Variable expression of neurofibromatosis 1 in monozygotic twins. *Am J Med Genet* 155A:478-85.
- Bendik E, **Tinkle BT**, Al-shuik E, Levin L, Martin A, Thaler R, Atzinger CL, Rueger J, Martin VT (2011). Joint hypermobility syndrome: a common clinical disorder associated with migraine headache in women. *Cephalalgia* 31:603-13.
- Sun GH, Samy RN, **Tinkle BT**, Cornelius RS, Brown DK (2011). Craniometaphyseal dysplasia-induced hearing loss. *Otol Neurot* 32:e9-10.
- Tinkle BT**, Leslie N (2010). "Glycogen storage disease type II (Pompe disease)" in: *GeneReviews* at GeneTests: Medical Genetics Information Resource [database online]. Copyright, University of Washington, Seattle, 1997-2010. Available at <http://www.genetests.org>.
- Yazici Z, Kline-Fath BM, Laor T, **Tinkle BT** (2010). Fetal MR imaging of Kniest dysplasia. *Pediatr Radiol* 40:348-52.
- Ednick M, **Tinkle BT**, Phromchairak J, Egelhoff J, Amin R, Simakajornboon N (2009). Sleep-related respiratory abnormalities and arousal pattern in achondroplasia during early infancy. *J Pediatr* 155:510-5.

- Zarate YA, Mena R, Martin LJ, Steele P, **Tinkle BT**, Hopkin RJ (2009). Experience with hemihyperplasia and Beckwith-Wiedemann syndrome surveillance protocol. *Am J Med Genet* 149A:1691-7.
- Leslie ND, **Tinkle BT**, Strauss AW, Shooner K, Zhang K (2009). "Very long chain acyl-coenzyme A dehydrogenase deficiency" in: *GeneReviews* at GeneTests: Medical Genetics Information Resource [database online]. Copyright, University of Washington, Seattle, 1997-2010. Available at <http://www.genetests.org>.
- Mattheis PJ, Hickey F, **Tinkle BT**, Hopkin R (2008). Prenatal diagnosis: beyond decisions about termination. *J Pediatr* 153:728-9.
- Burrow TA, Hopkin RJ, Leslie ND, **Tinkle BT**, Grabowski GA (2007). Enzyme reconstitution/replacement therapy for lysosomal storage diseases. *Curr Opin Pediatr* 19:628-35.
- Sutherland J, Zarate Y, **Tinkle BT**, Markham LW, Cripe LH, Hyland JC, Witte D, Hopkin RJ, Hinton RB (2007). Novel fibrillin 1 mutation in a case of neonatal Marfan syndrome: the increasing importance of early recognition. *Congenit Heart Dis* 2:342-6.
- Tinkle BT**, Leslie N (2007). "Glycogen storage disease type 2" in: *GeneReviews* at GeneTests: Medical Genetics Information Resource [database online]. Copyright, University of Washington, Seattle, 1997-2010. Available at <http://www.genetests.org>.
- Tinkle BT**, Miller E, Schorry EK (2007). Gene symbol: COL1A2. Disease: osteogenesis imperfecta type II. *Hum Genet* 119:677.
- Tinkle BT**, Schorry EK, Franz DN, Crone KR, Saal HM (2005). Epidemiology of hemimegalencephaly: a case series and review. *Am J Med Genet* 139A:204-11.
- Tinkle BT**, Wenstrup RJ (2005). A genetic approach to fracture epidemiology in childhood. *Am J Med Genet C Semin Med Genet* 139C:38-54.
- Tinkle BT**, Christianson CA, Schorry EK, Webb T, Hopkin RJ (2003). Long-term survival in a patient with del(18)(q12.2q21.1). *Am J Med Genet* 119A:66-70.
- Tinkle BT**, Walker ME, Blough-Pfau RI, Saal HM, Hopkin RJ (2003). Unexpected survival in a case of prenatally diagnosed non-mosaic trisomy 22: Clinical report and review of the natural history. *Am J Med Genet* 118A:90-5.
- Tinkle BT**, Ueda H, Ngo L, Luciw PA, Shaw K, Rosen CA, Jay G (1997). Transgenic dissection of HIV genes involved in lymphoid depletion. *J Clin Invest* 100:32-9.
- Tinkle BT**, Ngo L, Luciw PA, Maciag T, Jay G (1997). Human immunodeficiency virus-associated vasculopathy in transgenic mice. *J Virol* 71:4809-14.
- Han DK, Haudenschild CC, Hong MK, **Tinkle BT**, Leon MB, Liao G (1995). Evidence for apoptosis in human atherogenesis and in a rat vascular injury model. *Am J Pathol* 147:267-77.
- Tinkle BT**, Ueda H, Jay G (1995). The pathogenic role of human immunodeficiency virus accessory genes in transgenic mice. *Curr Top Microbiol Immunol* 193:133-56.
- LaFerla FM, **Tinkle BT**, Bieberich CJ, Haudenschild CC, Jay G (1995). The Alzheimer's A $\beta$  peptide induces neurodegeneration and apoptotic cell death in transgenic mice. *Nat Genet* 9:21-30.
- Bieberich CJ, King CM, **Tinkle BT**, Jay G (1993). A transgenic model of transactivation by the Tax protein of HTLV-I. *Virology* 196:309-18.

**ORIGINAL PUBLICATIONS- IN PROCESS**

Hickey S, Moran R, **Tinkle B** (submitted). “Joint Hypermobility Syndrome: Differential Diagnosis and Recommendations for Management”, an ACMG Practice Guideline.

**PRESENTATIONS****Invited Speaking Presentations**

- “*Cardiogenetics*” (webinar), “*AMG Cardiology Wednesday Event*” series, *Advocate Healthcare Continuing Education Event, June 3, 2015*
- “Family History & Ethnicity” (webinar), 2015 Genetics Webinar Series “Integrating Genetics into Your Practice”, Advocate Healthcare Continuing Education Event, June 1, 2015
- “Psychosocial Issues/School Issues in EDS”, Advocate Healthcare Continuing Education Event “Multidisciplinary Approach to the Treatment of Patients with Ehlers-Danlos Syndrome & Joint Hypermobility”, Advocate Lutheran General Hospital, Park Ridge IL, April 12, 2014
- “Other Issues in EDS”, Advocate Healthcare Continuing Education Event “Multidisciplinary Approach to the Treatment of Patients with Ehlers-Danlos Syndrome & Joint Hypermobility”, Advocate Lutheran General Hospital, Park Ridge IL, April 12, 2014
- “Ehlers-Danlos Syndrome Overview”, Advocate Healthcare Continuing Education Event “Multidisciplinary Approach to the Treatment of Patients with Ehlers-Danlos Syndrome & Joint Hypermobility”, Advocate Lutheran General Hospital, Park Ridge IL, April 12, 2014
- “Autism”, Laboratory Continuing Education Course Series, ACL Laboratories, Rosemont IL, February 26, 2014
- “Ehlers-Danlos Syndromes”, Genetic Task Force of Illinois, Advocate Illinois Masonic Hospital, Chicago IL, June 14, 2013
- “Joint Hypermobility in Pediatrics”, Advances in Pediatrics 2013, Advocate Children’s Hospital- Park Ridge, March 8, 2013
- “Oncologic Genetic Syndromes and Screening”, 6<sup>th</sup> Annual Trends in Hematology/Oncology for the Health Care Provider, Advocate Lutheran General Hospital, Park Ridge IL, March 2, 2013
- “Joint Hypermobility”, Physical and Occupational Therapy Inservice, Advocate Lutheran General Hospital, Park Ridge IL, January 23, 2013
- “Genetic Physical Examinations and Measurements”, Graduate Program in Genetic Counseling, Northwestern University, Chicago IL, January 17, 2013
- “Muscle, Tendon, & Ligaments”, Oakstone Institute Review of Orthopedic Surgery, July, 2012
- “Ehlers-Danlos Syndrome: Diagnosis and Management”, Massachusetts General Hospital, Boston MA, March 15, 2012
- “Pediatric Connective Tissue Disorders”, Medical University of South Carolina, Charleston SC, January 24, 2012
- “Management of Connective Tissue Disorders”, Greenwood Genetics Center, Greenwood SC, October 26, 2011

- “Neck Pain and Headaches in HMS”, Hypermobility Syndrome Association (HMSA) Residential Weekend, London, England, September 10-12, 2010
- “Longitudinal and Cross-Sectional Study of Cardiac Manifestations in Ehlers-Danlos Syndrome”, Cardiovascular Genetics Conference, Heart Institute, Cincinnati Children’s Hospital Medical Center, October 16, 2010
- “Muscle, Tendon, & Ligaments”, Oakstone Institute Review of Orthopedic Surgery, May 20, 2010
- “Update on ScolioScore”, 2<sup>nd</sup> Biannual Spine Day Conference, April 24, 2010
- “Cross-Sectional and Longitudinal Assessment of Cardiac Anomalies in Ehlers-Danlos Syndrome”, David W. Smith 30<sup>th</sup> Annual Workshop on Malformations and Morphogenesis, Philadelphia, Pennsylvania, August 6-9, 2009
- “Ehlers-Danlos Syndromes”, Cincinnati Regional Ehlers-Danlos Support Group, Cincinnati OH, April 22, 2009
- “Sleep Disturbance in Ehlers-Danlos Syndrome”, Tristate Genetics Meeting, Cincinnati Children’s Hospital Medical Center, Cincinnati OH, April 25, 2008
- “Clinical Features and Genetic Diagnosis of a Patient with ICF Syndrome”, Federation of Clinical Immunology Societies (FOCIS) Center of Excellence at Cincinnati Children’s Hospital Medical Center, Cincinnati OH, April 2, 2007
- “Genetic Syndromes with Rheumatologic Presentation in the Pediatric Population”, PENTA Pediatric Rheumatology Meeting, Cincinnati OH, March 17, 2004
- “Etiologies of Hemimegalencephaly”, Tri-State Clinical Genetics Conference, Cincinnati OH, May 2, 2003
- “Unexpected Survival in a Prenatally Diagnosed Non-Mosaic Trisomy 22”, Tri-State Dysmorphology Conference, Columbus OH, May 3, 2002

**Poster Presentations** (*presenting authors underlined*)

- Valencia A, Zhang W, Sivakumaran T, Husami A, Kissell D, **Tinkle B**, Strauss A, Zhang K (2013). MetaboSeq: Design and Validation of a Fatty Acid Oxidation Disorder Next-Generation Sequencing Panel. American College of Genetics and Genomics Annual Clinical Genetics Meeting, Phoenix AZ, March 22.
- Cordes S, **Tinkle BT**, Atzinger C (2011). Pain and Sleep Disturbance in Ehlers-Danlos Syndrome. National Society of Genetic Counselors, San Diego CA, October 27-30.
- Sivakumaran TA, Husami A, Kissell D, Greinwald J, **Tinkle BT**, Zhang K (2011). Development of a Next-Generation Sequencing Test Panel for Molecular Diagnosis of Hereditary Hearing Loss. American Society of Human Genetics 61<sup>st</sup> Annual Meeting, Montreal, Canada, October 11-15.
- Tinkle BT** (2011). Head and Neck Pain in EDS: Significant Co-Morbidity. American Society of Human Genetics 61<sup>st</sup> Annual Meeting, Montreal, Canada, October 11-15.
- Tinkle BT**, Rueger J (2011). Lessons Learned: Soft Signs of Ehlers-Danlos Syndrome. American College of Medical Genetics Annual Clinical Genetics Meeting, Vancouver, BC, Canada, Mar 16-20.
- Atzinger CL, Meyer R, Houry P, Gao Z, **Tinkle BT** (2009). Cross-Sectional and Longitudinal Assessment of Aortic Dilation in Ehlers-Danlos Syndrome. American Society of Human Genetics Annual Symposium, Honolulu HI, October 19-22.
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### **Books**

- Tinkle BT** (2011). "My EDS (Ehlers-Danlos Syndrome) Journey: Personal and Medical Journal". Left Paw Press, Greens Fork IN.

- Tinkle BT** (2010). “Joint Hypermobility Handbook: A Guide for the Ehlers-Danlos Syndrome Hypermobility Type and the Hypermobility Syndrome.” Left Paw Press, Greens Fork IN.
- *Achieved #1 Best-Seller on Amazon.com in Orthopedics and Pediatrics in medical textbooks*
  - *Won an Award for Publication Excellence (APEX) in healthcare, 2011*
  - *Finalist, National Indie Excellence Book Awards, 2012*
- Tinkle BT** (2008). “Issues and Management of Joint Hypermobility: A Guide for the Ehlers-Danlos Syndrome Hypermobility Type and the Hypermobility Syndrome.” Left Paw Press, Mason OH.

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- Tinkle BT** (2012). “Hearing Impairment in EDS”. *In: The Management of Ehlers-Danlos Syndrome* (Bird HA and Burrows V, eds.).
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## MEDICAL LICENSURE

Illinois, License no. 036-131389, issued 9/13/2012, expires 7/31/2017

Illinois Substance Control License no. 336.092795, expires 7/31/2017

Ohio, License no. 35-080322, expired 10/01/2013 (currently "inactive")

DEA registration no. BT854165, expires 11/30/15

## HOSPITAL PRIVILEGES

Advocate Illinois Masonic Medical Center, Medical Staff Office, G154, 836 W. Wellington Ave., Chicago IL 60657, phone 773-296-5596, fax 773-296-7993, attending, 8/28/2014 – Present

Advocate Christ Hospital, Medical Staff Office Rm. 190S, 4440 West 95<sup>th</sup> Street, Oak Lawn IL 60453, phone 708-684-5695, fax 708-684-2058, attending, 7/5/2013 – Present

Rush-Copley Medical Center, Medical Staff Office, 2000 Ogden, Aurora IL 60504, phone 630-978-4918, courtesy, 11/27/2012 – Present

Advocate Lutheran General Hospital, Medical Staff Office, 1775 W. Dempster, 1 South, Park Ridge IL 60068, phone 847-723-5099, fax 847-723-5096, attending, 10/1/2012 – Present

Christ Hospital, 2139 Auburn Avenue, Cincinnati OH 45219, phone 513-585-1159, fax 513-585-3293, courtesy, 12/1/04-9/1/12 (*voluntarily withdrawn due to change in practice location*)

Good Samaritan Hospital, 375 Dixmyth Avenue, Cincinnati OH 45220, phone 513-862-2504, fax 513-862-4189, consulting, 1/25/05-9/11/12 (*voluntarily withdrawn due to change in practice location*)

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University of Cincinnati Hospital, 234 Goodman St, ML 0814, Cincinnati OH 45219, phone 513-584-2320, fax 513-584-5501, courtesy, 10/1/04-9/30/12 (*voluntarily withdrawn due to change in practice location*)

Cincinnati Children's Hospital Medical Center, 3333 Burnet Avenue, Cincinnati OH 45229, phone 513-636, fax 513-636, attending, 2/1/04-9/1/12 (*voluntarily withdrawn due to change in practice location*)



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*References available upon request*