CURRICULUM VITAE

Brad T. Tinkle, MD, PhD

CONTACT INFORMATION

Business Address
Advocate Medical Group- Medical Genetics
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EDUCATION *(ongoing)*

University of Phoenix, Masters in Business Administration, ongoing

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), *expired*

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)
  - Re-certified in 2013
- Certified, American Board of Medical Genetics - Clinical Genetics (09/2005)
  - Re-certified in 9/2015

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

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

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

EMPLOYMENT HISTORY

Clinical Geneticist, Peyton Manning Children's Hospital, Indianapolis IN, 7/16/18

Division Head, Clinical Genetics, Advocate Medical Group and the Advocate Children's Hospital, Park Ridge and Oak Lawn IL, 09/2012 – *7/14/18*

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 – 2018
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

Lifetime Achievement Award, The Ehlers-Danlos Society (2017)
Community Choice Award, The Ehlers-Danlos Society (2016)
MVP Value Leader, Advocate Lutheran General Hospital and Advocate Children's Hospital (2015)
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 DEVELOPMENT

Pediatric Physician Leadership Development Program (Advocate Children's Hospital), monthly, 2016 – 2017
Telehealth Training, South Central Telehealth Forum 2016, Nashville TN, Aug 1-2, 2016
Pediatric Lab Utilization Guidance System (PLUGS) Summit 2016, Seattle WA, June 13-14, 2016
Speaker Training and Presentations Skills Development (Alexion Pharmaceuticals), Dallas TX, Feb 6, 2016
Hypophosphatasia (HPP) Speaker Training (Alexion Pharmaceuticals), Dallas TX, June 13, 2015

PROFESSIONAL ASSOCIATIONS

American Medical Association
American Academy of Pediatrics
American Society of Human Genetics
American College of Medical Genetics
Genetic Task Force of Illinois

SERVICE

Committee- International

Member, Medical and Scientific Board, Ehlers-Danlos Society, 10/2015 – Present
Member, Medical Panel, Ehlers-Danlos Syndrome Support UK, 2015 – Present
Chair, Hypermobility Committee, International Consortium on Ehlers-Danlos Syndrome, 1/2015 – Present
Member, Steering Committee, International Consortium on Ehlers-Danlos Syndrome, 12/2014 – Present
Member, Board of Medical Advisors, Hypermobility Syndromes Association, United Kingdom, 2013 – Present

Committee- State

Member, IDPH Genetics Advisory Committee, Illinois Department of Health, 2013-2018
Member, Lysosomal Storage Disorder Subcommittee, Genetic and Metabolic Diseases Advisory Committee, Illinois Department of Public Health, 11/2014 – 3/2018

Committee- Institutional

Participant, Advocate Health Care Speakers' Bureau, 6/2016 – 2018
Member, Clinical Effectiveness Laboratory Steering Committee, Advocate Health Care, 11/2014 – 2018
Member, Advocate Children's Hospital Physician Advisory Council, 8/2014 – 2016
Member, ACL Laboratories Scientific Council, 11/2013 – 1/2018
Member, Lutheran General Hospital Cancer Institute Advisory Board, 9/2013 – 6/2018
Member, ACL Laboratories Molecular Diagnostic Steering Committee, 1/2013 – 2017
Member, Committee on Cancer, Lutheran General Hospital, 10/2012 – 2017
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- Departmental

Member, Pediatric CME Planning Committee, 6/2016 – 6/2018

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

Co-Director, Skeletal Dysplasia Clinic, Advocate Children's Hospital- Park Ridge, 9/2013 – 6/2018

Medical Director, Down Syndrome Clinic, Advocate Children's Hospital- Park Ridge, 11/2012 – 6/2018

Medical Director, Advocate Medical Group Clinical Genetics, 9/2012 – 6/2018

Director, Marfan/Aortopathy Clinic, Advocate Children's Hospitals, Oak Lawn and Park Ridge campuses, 1/2015 – 1/2016

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

Moderator, "Hypermobile Ehlers-Danlos Syndrome: Update", American College of Medical Genetics and Genomics Annual Clinical Genetics Meeting, Charlotte NC, April 10, 2018.

Speaker, "Hypermobile Ehlers-Danlos Syndrome and the Hypermobile Spectrum Disorder", American College of Medical Genetics and Genomics Annual Clinical Genetics Meeting, Charlotte NC, April 10, 2018.

Speaker, "Does Ehlers-Danlos Syndrome Cause Bone Fragility? Public Perception v. Clinical Evidence", American College of Medical Genetics Meeting, Phoenix AZ, March 22-24, 2017.

Journal Editor (Guest), American Journal of Medical Genetics supplement on "The Ehlers-Danlos Syndromes", American Journal of Medical Genetics Part C, March, 2017.

Speaker, "International Ehlers-Danlos Society Conference", Bangalore, India, February 3-5, 2017.

Speaker, "Hypermobility", American Autonomic Society, San Diego CA, November 2, 2016.

Speaker, "EDS III: Diagnostic Criteria & Approach to Diagnosis", Ehlers-Danlos Society International Symposium, New York, May 4, 2016.

Participant, Scientific Workshop: National Institute on Aging's Heritable Disorders of Connective Tissue Database, Bethesda MD, November 12, 2015.

Speaker, "Diagnosis of Ehlers-Danlos Syndrome", American College of Rheumatology, San Francisco CA, November 9, 2015.

Speaker, "POTS and Other Autonomic Dysfunction", ASHG Ehlers-Danlos Syndrome Discussion Group "Managing the Complex Patient with Ehlers-Danlos Syndrome", American Society of Human Genetics Annual Meeting, Baltimore MD, October 6, 2015.

Panelist, "Special Session on Hypermobility", Dysautonomia International conference, Washington DC, July 19, 2015.

Panelist, "Genetics and Dysautonomia", Dysautonomia International conference, Washington DC, July 19, 2015.

Speaker, "Overview of Ehlers-Danlos Syndrome", 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", 5th 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", 5th Nordic Conference on Ehlers-Danlos Syndrome, Uppsalla, Sweden, 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", 1st International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, September 8-11, 2012.

Panelist, "Towards a Structured Management Program for Hypermobility", 1st International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, September 10, 2012.

Speaker, "Ehlers-Danlos Syndrome Hypermobility Type and Joint Hypermobility Syndrome: Natural History and Diagnostic Criteria", 1st International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, September 10, 2012.

Session chair, "EDS Hypermobility Type and Hypermobility Syndromes", 1st International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, September 10, 2012.

Scientific committee member, 1st International Symposium on the Ehlers-Danlos Syndrome, Ghent, Belgium, September 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

Departmental/Divisional Recruitment

Interviewer of applicants for the pediatric residency and faculty applicants, Department of Pediatrics, Advocate Children's Hospital, Park Ridge IL, 2013 – 2018

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, 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 genetic counseling students, 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 a few hundred various lectures given on clinical and human genetics to fellows, residents, medical students, dental students, as well as graduate students.

"Evidence-Based Genetic Testing", Pediatric Academic Series, Advocate Children's Hospital, September 20, 2017.

"Morbidity and Mortality Conference", Pediatric Grand Rounds, Advocate Children's Hospital- Park Ridge, November 3, 2015.

"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, September 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, Rebecca Wang, Genetic Counseling Graduate Program, Northwestern University, Masters of Science granted March, 2017

Thesis Committee Member, Sara Paolucci, Genetic Counseling Graduate Program, Northwestern University, Masters of Science granted June, 2014

Thesis Advisor, Nicki Smith, Genetic Counseling Graduate Program, University of Cincinnati, Masters of Science granted June, 2012

Thesis Advisor, Elise Bendik, Genetic Counseling Graduate Program, University of Cincinnati, Masters of Science granted August, 2010

Thesis Advisor, Jessica Hoffman, Genetic Counseling Graduate Program, University of Cincinnati, Masters of Science granted June, 2008

Teaching Materials

McArdle J, **Tinkle B** (2016). "Ehlers-Danlos Syndrome: Hiding in Plain Sight", an EDS Awareness brochure.

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

FUNDED GRANTS and CONTRACTS

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

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 *Ended*

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

Burton BK, Charrow J, Hoganson GE, Waggoner D, **Tinkle B**, Braddock SR, Schneider M, Grange DK, Nash C, Shryock H, Barnett R, Shao R, Basheeruddin K, Dizikes G (2017). Newborn screening for lysosomal storage disorders in Illinois: the initial 15-month experience. *J Pediatr* 190:130-135; PMID 28728811.

Platzer K, Yuan H, ... **Tinkle B**, ... Lemke JR (2017). GRIN2B encephalopathy: novel findings on phenotype, variant clustering, functional consequences and treatment aspects. *J Med Genet* 54:460-470; PMID 28377535.

Tinkle B, Castori M, Berglund B, Cohen H, Grahame R, Kazkaz H, Levy H (2017). Hypermobile Ehlers-Danlos syndrome (a.k.a. Ehlers-Danlos syndrome type III and Ehlers-Danlos syndrome hypermobility type): Clinical description and natural history. *Am J Med Genet Part C Semin Med Genet* 175:48-69; PMID 28145611.

Malfait F, Belmont J, …. **Tinkle B** (2017). The 2017 international classification of the Ehlers-Danlos syndrome. *Am J Med Genet Part C Semin Med Genet* 175:8-26; PMID 28306229.

Bloom L, Byers P, Francomano C, **Tinkle B**, Malfait F (2017). The International Consortium on the Ehlers-Danlos Syndromes. *Am J Med Genet Part C Semin Med Genet* 175:5-7; PMID 28306227.

Castori M, **Tinkle B**, Levy H, Grahame R, Malfait F, Hakim A (2017). A framework for the classification of joint hypermobility and related conditions. *Am J Med Genet Part C Semin Med Genet* 175:148-157; PMID 28145606.

Chopra P, **Tinkle B**, Hamonet C, Brock I, Gompel A, Bulbena A, Francomano C (2017). Pain management in the Ehlers-Danlos syndromes. *Am J Med Genet Part C Semin Med Genet* 175:212-219; PMID 28186390.

Mitakides J, **Tinkle B** (2017). Oral and mandibular manifestations in the Ehlers-Danlos syndromes. *Am J Med Genet Part C Semin Med Genet* 175:220-225; PMID 28192626.

Burton BK, Hoganson GE, Charrow J, **Tinkle B**, Dimmock D, Waggoner D, Grange D, Nash C, Becker J, Shao R, Basheeruddin K, Dizikes G (2016). Newborn screening for lysosomal storage disorders in Illinois. Mol Genet Metab 117:S31-32.

Gaines R, **Tinkle BT**, Halandras PA, Al-Nouri O, Cristomo P, Cho JS (2105). Spontaneous ruptured dissection of the right common iliac artery in a patient with classic Ehlers-Danlos syndrome phenotype. *Ann Vasc Surg* 29:595 (e11-4); PMID 25597651.

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* 34:1326-1331; 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; PMID 24081994.

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* 158:826-830; PMID 21193204.

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:478-485; PMID 21337692

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* 31:603-613; PMID 21278238.

Sun GH, Samy RN, **Tinkle BT**, Cornelius RS, Brown DK (2011). Craniometaphyseal dysplasia-induced hearing loss. *Otol Neurot* 32:e9-10; PMID 20351609.

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* 40:348-352; PMID 20020120.

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* 155:510-515; PMID 19608200.

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:1691-1697; PMID 19610116.

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* 153:728-729; PMID 18940367.

Burrow TA, Hopkin RJ, Leslie ND, **Tinkle BT**, Grabowski GA (2007). Enzyme reconstitution/replacement therapy for lysosomal storage diseases. *Curr Opin Pediatr* 19:628-635; PMID 17598213.

Sutherell 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* 2:342-346; PMID 18377451.

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; PMID 17128474.

Tinkle BT, Schorry EK, Franz DN, Crone KR, Saal HM (2005). Epidemiology of hemimegalencephaly: a case series and review. *Am J Med Genet* 139A:204-211; PMID 16283674.

Tinkle BT, Wenstrup RJ (2005). A genetic approach to fracture epidemiology in childhood. *Am J Med Genet C Semin Med Genet* 139C:38-54; PMID 16278883.

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; PMID 12707962.

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:90-95; PMID 12605450.

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* 100:32-39; PMID 92020504.

Tinkle BT, Ngo L, Luciw PA, Maciag T, Jay G (1997). Human immunodeficiency virus-associated vasculopathy in transgenic mice. *J Virol* 71:4809-4814; PMID 9151876.

Han DK, Haudenschild CC, Hong MK, **Tinkle BT**, Leon MB, Liau G (1995). Evidence for apoptosis in human atherogenesis and in a rat vascular injury model. *Am J Pathol* 147:267-277; PMID 7639326.

Tinkle BT, Ueda H, Jay G (1995). The pathogenic role of human immunodeficiency virus accessory genes in transgenic mice. *Curr Top Microbiol Immunol* 193:133-156; PMID 7648873.

LaFerla FM, **Tinkle BT**, Bieberich CJ, Haudenschild CC, Jay G (1995). The Alzheimer's Aβ peptide induces neurodegeneration and apoptotic cell death in transgenic mice. *Nat Genet* 9:21-30; PMID 7704018.

Bieberich CJ, King CM, **Tinkle BT**, Jay G (1993). A transgenic model of transactivation by the Tax protein of HTLV-I. *Virology* 196:309-318' PMID 8356801.

ORIGINAL PUBLICATIONS- *IN PROCESS*

Tinkle BT, Larco R, Burke L, and the Committee on Genetics (*pending*). Health supervision for children with Marfan syndrome.

PRESENTATIONS

Invited Speaking Presentations

"Does Ehlers-Danlos Syndrome Cause Bone Fragility? Public Perception v. Clinical Evidence", American College of Medical Genetics and Genomics Annual Clinical Genetics Meeting, Phoenix AZ, March 21-25, 2017.

"Ehlers-Danlos Syndrome Hypermobile Type in Children: Differential Diagnosis and Recommendations for Management", 2017 ACMG Genomics Conference webcast, January 18, 2017.

"Diagnosing Hypophosphatasia", Philadelphia PA, April 28, 2016.

"Aortic Aneurysm: Who is at Risk?", Advocate Christ Medical Center, March 30, 2016.

"Diagnosing Hypophosphatasia", Lurie Children's Hospital, Chicago IL, January 7, 2016.

"Hypophosphatasia", Payton Manning Children's Hospital, Indianapolis IN, November 4, 2015.

"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", 6th 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 ScoliScore", 2nd Biannual Spine Day Conference, April 24, 2010.

"Cross-Sectional and Longitudinal Assessment of Cardiac Anomalies in Ehlers-Danlos Syndrome", David W. Smith 30th 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*)

Tran ST, Jagpal A, Turek C, Koven M, ***Tinkle B****. Understanding patient and parent disease appraisals f hypermobile Ehlers-Danlos syndrome (EDS). Society of Pediatric Psychology Annual Conference, Orlando FL, April, 2018.*

Burton BK, Hoganson GE, Charrow J, **Tinkle B**, Dimmock D, Waggoner D, Grange D, Nash C, Becker J, Shao R, Basheeruddin K, Dizikes G. Newborn Screening for Lysosomal Storage Disorders in Illinois. 12th Annual WORLD Symposium 2016, San Diego, February 29-March 4, 2016.

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 61st Annual Meeting, Montreal, Canada, October 11-15.

Tinkle BT (2011). Head and Neck Pain in EDS: Significant Co-Morbidity. American Society of Human Genetics 61st 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, Khoury 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.

Schorry EK, Rieley MB, Viskochil DH, Stevenson DA, Martin L, **Tinkle BT** (2009). Variable Expression of Neurofibromatosis 1 in Monozygotic Twins. American Society of Human Genetics Annual Symposium, Honolulu HI, Oct 19-22.

Rieley M, **Tinkle BT,** Leslie ND, Smolarek T, Saal HM (2009). Deletion 17p13.1: A novel microdeletion syndrome with limb anomalies, anemia, and immunodeficiency. Short Course on Medical and Experimental Mammalian Genetics, Bar Harbor MA, July.

Tinkle B, Simakajornboon N, Acra E, Atzinger C, Do T, Saal H, Mangano F (2009). Craniocervical junction stenosis in achondroplasia: clinical, radiographic, and Polysomnographic evaluation and treatment. American College of Medical Genetics Annual Clinical Genetics Meeting, Tampa FL, Mar 25-29.

Leslie N, Strauss A, **Tinkle B**, Florer J (2009). Molecular and enzymatic assessment of very long chain acyl-CoA dehydrogenase. American College of Medical Genetics Annual Clinical Genetics Meeting, Tampa FL, Mar 25-29.

Moran R, Shealy A, Yang K, Pepin M, **Tinkle B**, Byers P (2009). Two *COL1A2* mutations detected in each of 3 family members with an OI/EDS phenotype. American College of Medical Genetics Annual Clinical Genetics Meeting, Tampa FL, Mar 25-29.

Tinkle B, Peters S, Zhang K, Leslie N (2008). Genetic testing of *GAA*: a prompt and reliable laboratory diagnosis of Pompe disease. American Society of Human Genetics 58th Annual Meeting, Philadelphia PA, Nov 11-15.

Ednick M, **Tinkle BT,** Phromchairak J, Amin R, Simakajornboon N (2008). Sleep-disordered breathing (SDB) and arousal response in achondroplasia during early infancy. International Conference of the American Thoracic Society, Toronto, May 16-21.

Zarate Y, Hopkin R, Steele P, **Tinkle B** (2008). Experience with hemihypertrophy and Beckwith-Wiedemann syndrome surveillance protocol. American College of Medical Genetics Annual Clinical Genetics Meeting, Phoenix AZ, March 12-16.

Zhang K, Johnson JA, Villanueva J, **Tinkle B**, Bleesing J, Fillipovich AH (2007). Genetic defects in patients with X-linked lymphoproliferative syndrome in North America. American Society of Human Genetics 57th Annual Meeting, San Diego CA, Oct 23-27.

Tinkle B, Promchairak J, Saal HM, Simakajornboon N (2007). Earliest evaluation for cervical cord pathology in achondroplasia detects those requiring cervical decompression in the first year of life. David W. Smith 25th Annual Workshop on Malformations and Morphogenesis, Williamsburg VA, August 8-11.

Tinkle B, Bedard A, Greinwald J (2006). Synergistic effect of two connexin-26 mutations results in profound hearing loss and inner ear malformation. American Society of Human Genetics 56th Annual Meeting, New Orleans LA, October 9-13.

Tinkle B, Cole W, Wenstrup R (2005). A high-throughput analysis of candidate extracellular matrix genes in connective tissue disorders. American Society of Human Genetics 55th Annual Meeting, Salt Lake City UT, October 25-29.

Tinkle BT, Harris RE, Franz DN, Bailey LA, Grabowski GA (2004). Long term outcome of stem cell transplant in a patient with Hunter syndrome. American Society of Human Genetics 54th Annual Meeting, Toronto, Canada, October 26-30.

Schorry EK, **Tinkle BT,** Saal HM, Wenstrup RJ (2004). Variability of NF1 in monozygotic twins. American Society of Human Genetics 54th Annual Meeting, Toronto, Canada, October 26-30.

Tinkle BT, Bove K, Hoffman I, Wood RE, Armfield Uhas K, Hopkin RJ (2004). Geleophysic dysplasia: case report and evidence against lysosomal storage. David W. Smith 25th Annual Workshop on Malformations and Morphogenesis, Wasatch Mountains UT, August 18-21. Abstract printed in the *Proceedings of the Greenwood Genetic Center* 24:155.

Tinkle BT, Bove KE, Hoffman I, Wood RE, Hopkin RJ (2004). A case of geleophysic dysplasia: a lysosomal storage disease? WORLD Lysosomal Disease Research Network Symposium, Minneapolis MN, May 13-15.

Tinkle BT, Hopkin RJ (2004). Unusual four-generation pedigree with female heterozygotes more affected than the male hemizygotes with Fabry disease. WORLD Lysosomal Disease Research Network Symposium, Minneapolis MN, May 13-15, 2004.

Tinkle BT, Schorry EK, Saal HM (2003). The etiologies of hemimegalencephaly: a case series review. David W. Smith 24th Annual Workshop on Malformations and Morphogenesis, The University of British Columbia, Vancouver, British Columbia, Canada. August 7-11, 2003. Abstract printed in the *Proceedings of the Greenwood Genetic Center* 23:176.

Schorry EK, **Tinkle BT,** Saal HM (2003). Variability of expression of neurofibromatosis 1 in monozygotic twins. David W. Smith 24th Annual Workshop on Malformations and Morphogenesis, The University of British Columbia, Vancouver, British Columbia, Canada. August 7-11. Abstract printed in the *Proceedings of the Greenwood Genetic Center* 23:170-171.

Tinkle BT, Schorry EK, Franz DN, Crone K, Saal HM (2003). Etiologies of Hemimegalencephaly: A Case Series. 22nd Annual Edward L. Pratt Lectures, Cincinnati Children's Hospital Medical Center, May 12.

Tinkle BT, Saal HM (2002). An atypical lethal acrofacial dysostosis syndrome. Presented at the American Society of Human Genetics 52nd Annual Meeting, Baltimore MD. Abstract printed in *The American Journal of Human Genetics* 71 (Supp): 256.

Tinkle BT, Walker ME, Saal HM, Hopkin RJ (2002). Unexpected survival in a case of prenatally diagnosed non-mosaic trisomy 22. American College of Medical Genetics Annual Symposium, New Orleans, LA. Abstract printed in *Genetics in Medicine* 4(3):200.

Tinkle BT, Ueda H, Jay G (1994). HIV-1 genes in transgenic mice: T-cell depletion by apoptosis. 1st annual George Washington University Health Sciences Research Day, Washington DC.

ORIGINAL PUBLICATIONS- BOOKS, CHAPTERS, REVIEWS, and PROCEEDINGS

Books

Tinkle BT, Darr L (2017). "Bendy Wendy and the (Almost) Invisible Genetic Syndrome: A Story of One Tween's Diagnosis of Ehlers-Danlos Syndrome/Joint Hypermobility". Left Paw Press, Niles IL.

- *Achieved #1 Best-Seller on Amazon.com in Children's Books:Health:Diseases*

Tinkle BT (2017). "Harry McQuinn "King of the Midgets": Dirt Track, Sprint Car, and Midget Racer; Airplane Pilot; and Race Official". Left Paw Press, Niles IL.

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.

Chapters *(pending)*

***Tinkle BT** (2018). "Ehlers-Danlos Syndromes". In: Management of Genetic Syndromes, 4th ed. (Cassidy S, Carey J, Battaglia A, Viskochil D, eds.). John Wiley & Sons, pp*

Tinkle B (2014). "The Hypermobile Spine." *In:* Basilar Impression & Craniocervical Instability. Chiari Syringomyelia Foundation Colloquium Proceedings, San Francisco CA, October 19, 2013 (Batzdorf U, Benzel EC, Henderson FC Sr, eds.), pp 33-38.

Valencia CA, Sivakumaran TA, **Tinkle BT,** Husami A, Zhang K (2013). "NGS-Based Clinical Diagnosis of Genetically Heterogeneous Disorders". *In:* Next Generational Sequencing: Translation to Clinical Diagnostics (Wong LJC, ed.), Springer, pp 115-150.

Tinkle BT (2013). "Pharmacogenomics". *In:* Genetics in Primary Care (Saul R, ed.), AAP Press.

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

Tinkle BT, Atzinger CA (2010). "Ehlers-Danlos Syndromes". *In:* Management of Genetic Syndromes, 3rd ed. (Cassidy S, Allanson J, eds.). Wiley-Blackwell, pp 337-361.

Tinkle BT, Grabowski GA (2006). "Storage Disorders". *In:* Pediatric Hematology, 3rd ed. (Hann IM, Arceci RJ, and Smith OP, eds.). Blackwell Publishing Ltd, Oxford, pp 778-791.

Tinkle BT, Saal HM (2004). "Health and Genetic Risk Impact on Preventive Behavior". *In*: Clinical Preventive Medicine, 2nd ed. (Lang RS, Hensrud DD, eds.). AMA Press, New York, pp 485-496.

Tinkle BT, Jay G (2002). "Molecular Approaches Involved in Mammalian Gene Transfer: Analysis of Transgene Integration". *In*: Transgenic Animal Technology: A Laboratory Handbook (Pinkert CA, ed.), 2nd edition. Academic Press, San Diego.

Tinkle BT, Bieberich CJ, Jay G (1994). "Molecular Approaches Involved in Mammalian Gene Transfer: Analysis of Transgene Integration". *In*: Transgenic Animal Technology: A Laboratory Handbook (Pinkert CA, ed.). Academic Press, San Diego, pp 221-234.

Invited Comment

Tinkle BT. Joint hypermobility and headache. Headache. 2014 Sep;54(8):1412-3. doi: 10.1111/head.12416. No abstract available. PMID 25196367.

Tinkle BT, Bird HA, Grahame R, Lavallee M, Levy HP, Sillence D (2009). The lack of clinical distinction between the hypermobility type of Ehlers-Danlos syndrome and the joint hypermobility syndrome (a.k.a. hypermobility syndrome). *Am J Med Genet* A 149A: 2368-2370; PMID 19842204.

Reviews

Tinkle B (2007). Gene Symbol:FBN1. *Hum Genet* 121:294.

Tinkle BT, RJ Hopkin, Grabowski GA (2004). Enzyme therapy in Fabry disease. *Today's Therapeutic Trends* 22:181-200.

MEDICAL LICENSURE

Indiana Substance Control, License No. 01080124B, issued 4/18/18, expires 10/31/19
Indiana, License No. 01080124A, issued 4/6/2018, expires 10/31/2019
Illinois, License No. 036-131389, issued 9/13/2012, expires 7/31/2020
Illinois Substance Control License no. 336.092795, expires 7/31/2020
Ohio, License no. 35-080322, expired 10/01/2013 (currently "inactive")
DEA registration no. BT854165, expires 11/30/18

HOSPITAL PRIVILEGES

Advocate Sherman Hospital, Medical Staff Office, 1425 N. Randall Rd, Elgin IL 60123, phone 224-783-8105, fax 224-783-2852, 11/27/17 – 7/1/2018

Advocate Good Shepherd, Medical Staff Office, 450 West Highway 22, Barrington IL 60010, phone 847-842-4828, fax 847-842-4193, 11/10/17 – 7/1/2018

Advocate Good Samaritan Hospital, Medical Staff Office, 3815 Highland Avenue, Downers Grove IL 60515, phone 630-275-5900, associate, 10/13/17 – Present

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 – 7/1/2018

Advocate Christ Hospital, Medical Staff Office Rm. 190S, 4440 West 95th 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 – 6/27/2017

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 – 7/1/2018

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*)

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

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*)

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 513-636-4225, fax 866-466-9505, attending, 2/1/04-9/1/12 (*voluntarily withdrawn due to change in practice location*)

DISTRIBUTION OF EFFORT

70% Clinical
25% Administrative
5% Teaching/Preceptorship

RELATED/OTHER EXPERIENCE

Ad hoc medicolegal reviews, fee-for-service (under Dr Brad T Tinkle Consulting Corp)

Ad hoc consultations, fee-for-service, Best Doctors, 2016 – Present (under Dr Brad T Tinkle Consulting Corp)

Ad hoc insurance appeals regarding genetic testing request denials, IMEDECS, fee-for-service (under Dr Brad T Tinkle Consulting Corp), 2012 – Present

Ad hoc consultation, Gerson Lehrman Group, (under Dr Brad T Tinkle Consulting Corp), 2009 – Present

References available upon request