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**Educational Background**

**Education**

1994 MD Pediatrics Harvard Medical School

1990 BS, *magna cum laude*  Biological Sciences Johns Hopkins University

**Postdoctoral Training**

2001-2003 Research Fellow in Pediatric Oncology

Children’s Hospital of Philadelphia, Philadelphia, PA

1998-2001 Clinical Fellow in Pediatric Hematology and Oncology

Children’s Hospital of Philadelphia, Philadelphia, PA

1997-1998 Chief Resident in Pediatrics, Schneider Children’s Hospital

New Hyde Park, NY

1994-1997 Resident in Pediatrics, Schneider Children’s Hospital

New Hyde Park, NY

**Professional Experience**

**Faculty Academic Appointments**

2010-Present Associate Professor Department of Pediatrics Donald and Barbara Zucker

School of Medicine at Hofstra/Northwell

2006-2010 Associate Professor Department of Pediatrics Albert Einstein College of

Medicine

2003-2006 Assistant Professor Department of Pediatrics Albert Einstein College of

Medicine

**Appointments at Hospitals/Affiliated Institutions**

2010 – Present Attending Physician, Pediatric Oncology Cohen Children’s Medical

Center

2003-2010 Attending Physician, Pediatric Hematology Montefiore Medical Center

and Oncology

**Other Professional Positions**

2009-Present Board Member SeriousFun Children’s Network

2009-2012 Consultant Bayer Pharmaceuticals

**Major Administrative Leadership Positions**

Local

2013-2015 Society Master Zucker School of Medicine

2011-2013 Director North Shore LIJ Hemophilia Treatment Center

Regional

2015-Present Conference Organizer Mid-Atlantic Regional Conference of Pediatric

Oncologists

National and International

2008-201 Vice-President American Academy of Pediatrics

**Committee Service**

Local

2014-Present Faculty Council, Member Zucker School of Medicine

2011-Present Admissions Committee Zucker School of Medicine

2011-2013 Extended Committee Member

2013-Present Core Committee Member

2010-2012 Divisional Guidelines Cohen Children’s Medical Center

Committee

2010 Member

2011-2012 Chair

National and International

2012-2014 Membership Committee American Institute of Perinatal Education

**Professional Societies**

2007-Present Member American Society of Pediatric Oncology

2005-Present Fellow American Association of Pediatrics

2003-2009 Member Society of General Internal Medicine

**Grant Review Activities**

2009-Present Grant Reviewer St. Baldrick’s Foundation

2000-2007 NHLBI R21 Study Section National Institute of Health

2000-2002 Ad hoc Member

2003-2007 Permanent Member

**Editorial Activities**

Journal Reviewer

2010-2014 Ad hoc reviewer New England Journal of Medicine

2008-Present Ad hoc reviewer Nature Genetics

Other Editorial Roles

2001-2007 Editor Journal of Pediatrics

2000-2003 Managing Editor World Journal of Pediatrics

**Honors and Prizes**

2014 President’s Award North Shore LIJ Health System

2012 Faculty Research Award Department of Pediatrics, North Shore LIJ

2010, 2012 Service Excellence Star Cohen Children’s Medical Center

2009 Best Abstract Oncology Research Annual Meeting

2001 Young Investigator Award Pediatric Academic Society

**Report of Funded and Unfunded Projects**

**Funding Information**

Past

2006-2010 Maintenance of Kidney Function Following Injury in Pediatric Patients

NIH Grant #1234567

PI ($275,000)

The major goal of the project is to study kidney function following injury

Current

2015-PresentSingle-dose Pilot Study of Oral Blood Thinners in Pediatric Subjects with Venous

Thromboembolism

Study Sponsor: Bayer Pharmaceuticals; #123456

Site PI ($215,000)

A randomized study to evaluate the efficacy and safety of an age- and body weight-adjusted rivaroxaban

**Current Unfunded Projects**

2009-Present Study of PEARLS performance and clinical interactions

I am investigating the relationship between students’ performances in PEARLS and their interactions with patients in the clinical setting.

**Report of Local Teaching and Training**

**Teaching of Students in Courses**

2012 Interacting with the Environment Zucker School of Medicine

2nd year medical students

1-hr sessions per wk for 2 wks

2011-Present The Biologic Imperative Zucker School of Medicine

1st year medical students

1-hr sessions per wk for 2 wks

**Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**

2005-2010 Lecture on the late effects of Einstein College of Medicine

cancer treatments 2x annually to Fellows

**Clinical Supervisory and Training Responsibilities**

2006-2009 Medicine Clinic One half session per week

Preceptor/Montefiore

**Laboratory and Other Research Supervisory and Training Responsibilities**

2012-2014 Supervision of post-doctoral research fellow/the Feinstein Institute for Medical Research. Daily mentorship.

**Formally Supervised Trainees**

2014 Marie Wilson, MD/currently Assistant Professor of Pediatrics at Tufts School of Medicine

I mentored Dr. Wilson as she was writing articles based on her research. She has been first author on three articles in high impact journals.

2011-2012 Joseph Smith, PhD, MD/currently Assistant Professor of Pediatrics, SUNY Upstate Medical Center

I was Dr. Smith’s PhD Research Mentor; he received an NIH post-doctorate grant and “Best Abstract” commendation at American Pediatrics Association Annual Meeting, 2012.

**Formal Teaching of Peers (e.g., CME and other continuing education courses)**

2015 Narrative Rounds: Promoting Humanism in Healthcare Single Presentation

CME, Zucker School of Medicine Hempstead, NY

**Local Invited Presentations**

2014 Behavior and Developmental Pediatrics/Grand Rounds

Cohen Children’s Medical Center

2012 Sepsis Update/Grand Rounds

Northwell Department of Medicine

**Report of Regional, National and International Invited Teaching and Presentations**

**Invited Presentations and Courses**

Regional

2014 Updates on Stem Cell Research/Pediatric Grand Rounds

Icahn School of Medicine

2014 Pediatric Hematology/Oncology Grand Rounds

NYU

National

2012 New Strategies for Managing Diabetes/Grand Rounds

The University of Texas Medical School (Sponsor: Merck Pharmaceuticals)

2011 Managing Rare Bleeding Disorders/Nursing Symposium

National Hemophilia Foundation Annual Meeting, Dallas, TX

International

2015 “Fertility Preservation for Adolescents with Cancer”

International Oncology Association Annual Meeting, Paris, France

**Report of Clinical Activities and Innovations**

**Current Licensure and Certification**

2003 New Jersey Medical License (active)

2000 Board Certified in Pediatrics

1998 New York Medical License (active)

**Practice Activities**

2010-Present Ambulatory Care Pediatric Cardiology, 2 sessions per week

Cohen Children’s Medical Center

**Clinical Innovations**

* Electronic medical record (EMR) QA improvement system at Martha Elliot Health Center (2010)

This EMR modification has improved practice in 3 clinical areas (documenting patient allergies; confirming follow up on abnormal pap smears; scheduling childhood immunizations). These outcomes have been reported at the American Family Practice Society meeting, and I have been invited to discuss this system with the QA Taskforce of Geisinger Health System.

**Report of Technological and Other Scientific Innovations**

* Assay for evaluating CD-1 restricted IL-2 expressing NK-T cells

US Patent Application, 22/555555, filed March 17, 2016/

www.NKIL\_2roteinassay.net

As a member of the Jones lab, my colleagues and I created a two-tiered infra-red detection system to evaluate IL-2 producing NK-T cells following dendritic cell stimulation. This assay has since been used/validated by multiple labs in the US and abroad

**Report of Education of Patients and Service to the Community**

**Activities**

2014-PresentHealth Benefit Exchange Regional Advisory Committee

Provide advice and make recommendations on the establishment and operation of the Exchange, including recommendations about relevant regional factors

**Educational Material for Patients and the Lay Community**

Patient educational material

*No educational materials below were sponsored by outside entities.*

2008 HPV Vaccine Co-author Patient education pamphlet, Joslin

**Recognition**

2012-2015 Top Doctor Castle Connolly

2010 Best Doctor New York Magazine

2009 America’s Top Pediatricians Consumers Research Council

**Report of Scholarship**

**Peer Reviewed Publications in Print or Other Media**

Research Investigations

1. **Davis J**, Smith M, Johnson D, White P. High blood pressure in urban student athletes. Journal of Pediatrics. 2011 Mar;158(3):403-9.

## Black M, Davis J, Harris W. **The effects of a gluten-free diet in children. The New England Journal of Medicine.2012 Feb;1(3):152-6.**

1. Wilson P, Jones F, Jordan E, **Davis J**. Pediatric malnutrition in the United States. Journal of Parenteral & Enteral Nutrition.2016 Sept*;*31(6):487-90.

Other Peer-Reviewed Publications

1. **Davis, J**, Henry, A, Black H. MRI findings in pediatrics ophthalmologic migraine: A case report. Pediatric Neurology. 2014 Sept;1(2):512-514.

**Non-Peer Reviewed Scientific or Medical Publications/Materials in Print or Other Media**

1. **Davis J.** Food chemistry. 4th rev. ed. New York: Cambridge University Press; 2015. 904p.

**Professional Educational Materials or Reports, in Print or Other Media**

I wrote the syllabus and developed the course materials for Hofstra’s undergraduate Human Genetics class (Course# BIO543). The syllabus for this 3.00 credit course has been used since I developed it in 2013.

**Clinical Guidelines and Reports**

Clinical Guidelines for the Treatment of Thrombosis in Children posted on the Northwell Health Guidelines website. www.northwell.edu/Guidelines

**Thesis**

Davis J. Neonatal outcomes in infants of mothers with lupus [thesis]. Boston, MA. Harvard; 1994.

**Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings**

Grillo K, Ryan P, **Davis, J**. Polycythemia Screening in Large for Gestational Age (LGA) Neonates Born to Women without Diabetes Mellitus. Poster presented atthe Eastern Society for Pediatric Research (ESPR) 26th Annual Meeting, Philadelphia, PA, March, 2015.

Johnson R, Lopez D, Phillips N, Nolan P, **Davis, J**. In Utero Opioid Exposure. Poster presented at the Pediatric Academic Societies’ Meeting, San Diego, CA, April, 2015.

**Narrative Report (limit to 500 words)**

The highlights of my accomplishments can be summarized as:

1. National leadership as the Vice-President of the American Academy of Pediatrics
2. Commitment of over ten years teaching medical students, residents and fellows
3. Active committee service at the School of Medicine
4. High profile editor roles in top journals in my field
5. Significant funding obtained for projects studying kidney functioning in pediatric patients
6. National and international invited presentations
7. Recognized as a Top Doctor by Castle Connolly for three consecutive years
8. Best-selling book now in its 4th edition