

Date Prepared: August 17, 2016
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Educational Background

Education

1994	MD	Pediatrics	Harvard Medical School
1990	BS, <i>magna cum laude</i>	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	Hofstra Northwell School of Medicine
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 and Oncology	Montefiore Medical Center

Other Professional Positions

2009-Present	Board Member	SeriousFun Children's Network
2009-2012	Consultant	Bayer Pharmaceuticals

Major Administrative Leadership Positions

Local

2013-Present	Society Master	Hofstra Northwell School of Medicine
2011-2013	Director	North Shore LIJ Hemophilia Treatment Center

Regional

2015-Present	Conference Organizer	Mid-Atlantic Regional Conference of Pediatric Oncologists
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National and International

2008-201	Vice-President	American Academy of Pediatrics
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Committee Service

Local

2014-Present	Faculty Council, Member	Hofstra Northwell School of Medicine
2011-Present	Admissions Committee	Hofstra Northwell School of Medicine
	2011-2013	Extended Committee Member
	2013-Present	Core Committee Member
2010-2012	Divisional Guidelines Committee	Cohen Children's Medical Center
	2010	Member
	2011-2012	Chair

National and International

2012-2014	Membership Committee	American Institute of Perinatal Education
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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-Present Single-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	School of Medicine 2nd year medical students 1-hr sessions per wk for 2 wks
2011-Present	The Biologic Imperative	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 cancer treatments	Einstein College of Medicine 2x annually to Fellows
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Clinical Supervisory and Training Responsibilities

2006-2009	Medicine Clinic	One half session per week
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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, 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
Department of Medicine, School 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
Huntington Hospital

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-Present Health 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

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.
2. 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.
3. 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.

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 at the 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