

**Date Prepared:** June 17, 2023  
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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 Development and Certification**

2020-2021	Mentoring and Professionalism in Training (MAP-IT), Zucker School of Medicine
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## **Professional Experience**

### **Faculty Academic Appointments**

2016-Present	Associate Professor	Department of Pediatrics	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
2006-2016	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

2013-2015	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
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## National and International

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

## Local

2019-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 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**

2022	Truly Award Nominee	Northwell
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
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##### Current

2022-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
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#### **Current Unfunded Projects**

2019-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.
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### **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 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  
 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**

2018              Behavior and Developmental Pediatrics/Grand Rounds  
 Cohen Children's Medical Center

2014              Sepsis Update/Grand Rounds  
 Northwell Department of Medicine

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

## Regional

2023              Updates on Stem Cell Research/Pediatric Grand Rounds  
 Icahn School of Medicine

2018              Pediatric Hematology/Oncology Grand Rounds  
 NYU

## National

2022              New Strategies for Managing Diabetes/Grand Rounds  
 The University of Texas Medical School (Sponsor: Merck Pharmaceuticals)

2018              Managing Rare Bleeding Disorders/Nursing Symposium  
 National Hemophilia Foundation Annual Meeting, Dallas, TX

## International

2022 “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](http://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**

2015-2020 Top Doctor Castle Connolly  
2010 Best Doctor New York Magazine

## **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.
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*. 2022 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*. 2021 Sept;1(2):512-514.

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

1. **Davis J**. Food chemistry. 4<sup>th</sup> 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.

### **Digital Scholarship**

- 2022 Research Grant Writing for Beginners. MedEdDoc YouTube channel. 42,000 views. Available from: <http://www.youtube.com/watch?v=e45890>
- 2022 COVID-19 Vaccine and Infants: An Update. Podcast guest, AMA Moving Medicine Podcast. 2,100 downloads. Available from: <http://ama-assn.org/COVID19/infants/podcast>
- 2019 Migraine Variants in Children. Pediatrics Neurology Today Blog (peer reviewed blog post). 6,000 unique views & 250 shares on social media. Available from: <http://pediatricmigrainesblog.org/post1234>

### **Clinical Guidelines and Reports**

Clinical Guidelines for the Treatment of Thrombosis in Children posted on the Northwell Health Guidelines website. [www.northwell.edu/Guidelines](http://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) 26<sup>th</sup> 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)**

*This section is required for applicants going up for promotion. Please use the space to identify under which pillar(s) you have a regional and/or national reputation of excellence. The pillars for promotion are: Research, Clinical Care, Education, Service Administration/Leadership. Your narrative should be written in first person and include supporting evidence of how you meet the School of Medicine's promotion criteria.*