

Katie Davis, PsyD

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Academic Appointments

- August 2018- **Division of Cognitive Neurology/Neuropsychology, Johns Hopkins**
Present **University, New York, NY**
Department of Neurology: Research Associate, Faculty
Research investigates interventions for adults with autism spectrum and related developmental disorders (Level 3)
Mentor: Barry Gordon, MD, PhD
- Oct 2016- **NIH P50 Columbia Center for Children's Environmental Health,**
July 2017 **Columbia University, New York, NY**
Mailman School of Public Health: Career Development Investigator
Research investigated the impact of PAH exposure on neurodevelopment
Mentor: Virginia Rauh, PhD
- Feb 2016- **Cognitive Development and Neuroimaging Laboratory, Columbia**
July 2017 **University, New York, NY**
New York State Psychiatric Institute: Post-Doctoral Research Scientist
Research investigated neurobiological bases of developmental disorders
Mentor: Rachel Marsh, PhD

Education

- 2009-2014 **PsyD – Clinical-School Child Psychology, June 2014**
Divison 40-Recognized Concentration in Clinical Neuropsychology
Ferkau Graduate School of Psychology of Yeshiva University,
Bronx, New York
Dissertation Topic: School-Based Health Care Providers' Experiences,
Attitudes, and Beliefs About Intrauterine Contraception
Mentor: Barbara Gerson, PhD
MS – School Psychology, June 2011
- 2005-2009 **AB – Education Studies and Music, May 2009**
Brown University, Providence, RI
Honors Thesis Topic: Effects of Inclusive Classroom Environments on the
Pro-social Development of Non-IEP Students
Mentor: Cynthia Garcia-Coll, PhD

Awards and Honors

- **Golding Distinguished Scholars Fellowship** (Yeshiva University)
- **Dr. Norman Lamm Scholarship** (Yeshiva University)
- **CV Starr Fellowship for Public Service** (Brown University Swearer Center for Public Service)
- **Creative Arts Council Student Grant** (Brown University Creative Arts Council)
- **Theresa E. Trifari Fellowship in Education** (Brown University Department of Education Studies)
- **Undergraduate Teaching and Research Award** (Brown University)
- **Weston Fine Arts Award for Excellence in Music** (Brown University Department of Music)

Teaching

Sept 2017- Present	Ferkauf Graduate School of Psychology, Yeshiva University Adjunct clinical supervisor for Practicum in Psychodynamic Therapy <i>Supervisor: Dr. Tracy Praut</i>
Sept 2012- May 2013	Ferkauf Graduate School of Psychology, Yeshiva University Teaching assistant for Practicum in Child Assessment I-II <i>Supervisors: Dr. Rona Shalev, Dr. Marla Baum, and Dr. Amy Price</i>
Sept 2011- May 2012	Ferkauf Graduate School of Psychology, Yeshiva University Teaching assistant for Practicum in Child Assessment I-II <i>Supervisor: Dr. Deborah Sachs</i>
Jan 2011- May 2011	Ferkauf Graduate School of Psychology, Yeshiva University Teaching assistant for Appraisal of Personality <i>Supervisor: Dr. Susan Berenzweig</i>
Jan 2011- May 2011	Ferkauf Graduate School of Psychology, Yeshiva University Teaching assistant for Psychoeducational Assessment <i>Supervisor: Dr. Melanie Moretz</i>
Jan 2011- May 2011	Ferkauf Graduate School of Psychology, Yeshiva University Teaching assistant for Statistics <i>Supervisor: Dr. Melanie Moretz</i>
Sep 2010- Dec 2010	Ferkauf Graduate School of Psychology, Yeshiva University Teaching assistant for Cognitive Assessment <i>Supervisor: Dr. Melanie Moretz</i>
Sep 2008-	Department of Education Studies, Brown University

- Dec 2008 Teaching assistant for graduate-level Statistics
Supervisor: Dr. Rosa Cho
- Jan 2007- **Department of Music, Brown University**
 May 2007 Teaching assistant for undergraduate-level Music Theory
Supervisors: Dr. Fred Jodry and Dr. Mark Steinbach

Publications and Presentations

Original, Peer Reviewed Articles and Book Chapters

- Davis KS**, Kennedy S, and Gordon, B. Psychoeducational interventions for adults with level 3 Autism Spectrum Disorder: A 50 year review. [in preparation].
- Davis KS**, Tomb M, and Margolis AE. FMRI evidence of neurobiological changes associated with phenotype-specific reading interventions in children with reading disorder. [in preparation].
- Davis KS**, Margolis AE, Thomas L, Huo Z, Marsh R. Amygdala subregional functional connectivity predicts anxiety in children with reading disorder. *Dev Sci.* 2017;e12631. <https://doi.org/10.1111/desc.12631>
- Margolis AE, **Davis KS**, Pao LS, et al. Verbal–spatial IQ discrepancies impact brain activation associated with the resolution of cognitive conflict in children and adolescents. *Dev Sci.* 2017;00: e12550. <https://doi.org/10.1111/desc.12550>
- Margolis, A. E., Herbstman, J. B., **Davis, K. S.**, Thomas, V. K., Tang, D., Wang, Y., Wang, S., Perera, F. P., Peterson, B. S. and Rauh, V. A. (2016), Longitudinal effects of prenatal exposure to air pollutants on self-regulatory capacities and social competence. *Journal of Child Psychology and Psychiatry*. doi: 10.1111/jcpp.12548
- Perrine KR, George EA, and **Davis KS**. “A Pediatrician’s Guide to Concussion Management.” In *Common Neurosurgical Conditions in the Pediatric Practice*, 399–412. Springer, New York, NY, 2017. https://link.springer.com/chapter/10.1007/978-1-4939-3807-0_28.
- Rubin, SE, **Davis KS**, and McKee MD. “New York City Physicians’ Views of Providing Long-Acting Reversible Contraception to Adolescents.” *Annals of Family Medicine* 11, no. 2 (April 2013): 130–36. <https://doi.org/10.1370/afm.1450>.

Presentations

- Davis, K.** & Margolis, A. (2017). Structural and functional fMRI abnormalities in NVLD. Symposium presented at Working Meeting: Arriving at a Consensus Definition for NVLD, New York, NY.

Racanello, A., Tomb, M., Algermissen, M., **Davis, K.**, & Margolis, A. (2016). The nuts and bolts of pediatric neuropsychological assessment: What it measures and how it can be helpful in diagnosing and treating children with neurodevelopmental disorders. Symposium presented at the 63rd Meeting of the American Association for Child and Adolescent Psychiatry, New York, NY.

Davis, K. (2014). Dyslexia and other reading disorders: Looking at the full picture. Invited lecture, New Jersey Education Association Exceptional Children Conference, Princeton, NJ.

Davis, K. (2013). ADHD: Is It or Isn't It? Invited lecture, Child Study Team at Northern Valley Regional High School, Demarest, NJ.

Davis, K. (2013). Management of Disruptive Behavior Disorders. Invited lecture, River Vale Public Schools, River Vale, NJ.

Davis, K. (2008). Computer music and special education. Invited lecture, Meeting Street School, Providence, RI. [Funded by the Creative Arts Council Student Grant.]

Selected Abstracts

Davis, K., Margolis, A.M., Thomas, L., Huo, Z. & Marsh, R. (2017). *Amygdala sub-regional functional connectivity and structure predicts anxiety in children with reading disorder*. Poster presentation at the 45th Annual Meeting of the International Neuropsychological Society, New Orleans, LA.

Davis, K., Margolis, A.M., Thomas, L. & Marsh, R. (2016). *Conflict-related activation of posterior medial frontal cortex in pediatric reading disorder*. Poster presentation at the 63rd Meeting of the American Association for Child and Adolescent Psychiatry, New York, NY.

Margolis, A., **Davis, K.**, & Thomas, L. (2016). *Functional abnormalities in frontostriatal control circuits in children with dyslexia*. Poster presentation at the 71st Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA.

Davis, K., Margolis, A., & Herbstman, J. (2016). *Development of a self-regulation subscale using specific items from the Behavior Rating Scale of the Bayley Scales of Infant and Toddler Development*. Poster presentation at the 44th Annual Meeting of the International Neuropsychological Society, Boston, MA. [pending presentation]

Davis, K., Miller, E., & Margolis, A. (2015). *Understanding and treating learning disorders*. Poster presentation at the National Academy of Neuropsychology 35th Annual Conference, Austin, TX.

Davis, K. (2014). *School based health providers' experiences, attitudes, and beliefs about intrauterine contraception*. Poster presentation at the New York Association of School Psychologists Conference, Albany, NY.

Rubin, S.E., **Davis, K.**, & McKee, M.D. (2012). *Providing long-acting reversible contraception to adolescents: What are urban primary care providers thinking?* Oral presentation at the Society for Adolescent Health and Medicine's Annual Meeting, New Orleans, LA.

Research Training Appointments

Sep 2010-
May 2012 **Research Assistant in the Department of Family Medicine,
Albert Einstein College of Medicine**, Providence, RI
Research investigated access to long-acting reversible contraception in
primary health care settings
Mentor: Dr. Susan Rubin

Sep 2007-
May 2009 **Research Assistant in the Department of Psychology,
Brown University**, Providence, RI
Research investigated the ways in which environmental cues and
reinforcements can be used to predict the learning pattern and rate of
behavior in rats
Mentor: Dr. Paulo Guilhardi

Clinical Training Appointments

July 2014-
June 2016 **Pediatric Neuropsychology Fellowship, Brooklyn Learning Center,**
Brooklyn, NY
Supervisor: Dr. Geena Kuriakose

Jan 2014-
June 2014 **Neuropsychology Internship in Neurosurgery, New York
Presbyterian/Weill-Cornell**, New York, NY
Supervisor: Dr. Kenneth Perrine

July 2013-
Dec 2013 **Neuropsychology Internship, Center for Neurological and
Neurodevelopmental Health**, Gibbsboro, NJ
Supervisors: Dr. Gregory Alberts and Dr. Sarah Woldoff

Feb 2012-
June 2013 **Neuropsychology Externship in Neurosurgery, New York
Presbyterian/Weill-Cornell**, New York, NY
Supervisor: Dr. Kenneth Perrine

July 2012-
June 2013 **Neuropsychology Externship in Pediatric Oncology and Bone Marrow
Transplant, Columbia University Medical Center**, New York, NY
Supervisor: Dr. Stephen Sands

July 2011- **School-Based Mental Health Externship, Morgan Stanley Children's**
July 2012 **Hospital of New York Presbyterian, New York, NY**
Supervisor: Dr. Tal Reis

Sep 2010- **School Psychology Externship, Churchill School and Center,**
June 2011 **New York, NY**
Supervisor: Dr. Marc Gurtman

Related Experience

July 2016- **Pediatric Neuropsychologist, New York, NY**
Present Provide psychotherapy and academic/cognitive remediation to middle and high school students

July 2014- **Lead Psychometrician, Branching Minds, New York, NY**
Feb 2016 Use research in cognitive and neurological sciences to develop a web-based tool that helps parents and teachers identify, understand, and address students' learning challenges

Sep 2009- **Learning Specialist, New York, NY**
June 2014 Neuropsychologically based academic remediation and education consulting for elementary, middle, and high school students

Licenses and Certifications

New York State Licensed Psychologist (#021287)
Orton-Gillingham Reading Specialist

Professional Affiliations

New York State Psychological Association (Board Member)
New York Neuropsychology Group
New York State Association for Neuropsychology
National Academy of Neuropsychology
American Academy of Clinical Neuropsychology