

Curriculum Vitae

Kelly Eom

Duke University Medical Center
308 Research Drive, Durham, NC 27710
Email: kelly.eom@duke.edu | Phone: 919-917-8689

EDUCATION

May 2017 B.S., Psychology, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina
Minor: Spanish for the Professions

RESEARCH EXPERIENCE

June 2019 – Present

Research Associate, *Adcock Lab, Duke University*

June 2017 – June 2019

Lab Manager and Project Coordinator, *Cohen Lab, UNC-CH*

- Research in the lab primarily focused on understanding how functional connectivity underlies cognitive flexibility during changing contextual factors and atypical development.
- Oversee several research studies:
 - A study of large-scale brain organization during cognitive control in ADHD, and how medication impacts neural network organization at rest and during cognitive control. Study includes a 1-2 hour phone call with a parent, 8-hour behavioral assessment day, and two fMRI sessions on separate days.
 - Duties include participating in the design of experiments; scheduling adult and child subjects; managing IRB protocols; overseeing physicals; administration of neuropsychological assessments, structured interviews, and questionnaires; running Eyelink eye tracking equipment with a computerized task; administration of medication (methylphenidate) prior to fMRI scans; preparing children for fMRI scans using a practice scanner and motion tracking equipment; independently conducting fMRI scans with children ages 8-12 years old with and without ADHD; and analyzing functional and structural data.
 - Interviews, assessments, and tests administered for this study include: Diagnostic Interview Schedule for Children IV (DISC-IV), WISC-V, WIAT-III, Conners 3, BIS/BAS, CBCL, SCQ, BRIEF, ARC, and SNAP-IV. Responsible for using RedCap to develop computerized administration and scoring of questionnaires.
 - A pilot study of the effects of chemotherapy on breast cancer patients. Duties include organizing all current literature on breast cancer and cognition for review; administration of neuropsychological assessments, structured interviews, and questionnaires
 - A pilot study on the brain/behavior proxies of neurotransmitter functioning. Duties include participating in the design and administration of the DPX task in PsychoPy as a behavioral assessment of disruptions in DA and NE functioning.
- Manage daily operations of the lab, including direct supervision of student research staff.
- Responsible for recruitment, which includes planning of outreach methods and scheduling recruitment events. Recruitment methods include UNC Hospitals' databases (using i2b2 and EPIC to access patient records), presenting at information sessions, e-flyers such as Peachjar, listservs (CIDD, neighborhood), Facebook advertisements, community events (such as the annual UNC Science Expo), and radio and newspaper advertisements.

May 2017 – Present

Research Assistant, *AHB Center for Behavioral Health and Wellness*

- Research and create presentations on topics such as stress, trauma, and depression for teaching tools at the Fielding University 2017 Caregiver Education Conference and other workshops/symposiums.
 - Work alongside clinicians to develop better research-based therapy and interventions using this research.
 - Observe various types of therapy: Play Therapy for children with developmental problems, Cognitive-Behavioral Therapy, individual/couple/group therapy, parent training and classes, medication management and adherence, and substance abuse assessment and counseling.
- Participate in administering and scoring psychological testing and evaluation, including creating Behavioral Intervention Plans (BIP's) for adult clients in group homes with conduct problems.
- Observe and organize forensic evaluations (e.g. Parent Coordinator (PC) court cases) to provide intensive intervention services for families engaged in high-conflict custody disputes, including co-parenting and reunification therapy.

June 2014 – June 2016

Research Assistant, *School of Nursing, UNC-CH*

- Oversee research study “A family-focused and literacy-sensitive intervention to improve medication adherence in patients with heart failure.” This study includes a 1-2 hour baseline session, along with bi-weekly phone booster calls for the 3 month intervention. The Medication Event Monitoring System (MEMS) was used to measure medication adherence continuously for 6 months from baseline.
- Duties include: administer questionnaires for baseline session and follow-up calls with patients about their medication adherence; manage the online module used to administer questionnaires; input data into SPSS; and conduct basic statistical analysis.
- Responsible for setting up the recruitment method with the providers and front desk personnel at the Ambulatory Care Center (ACC).

PUBLICATIONS

Hall, S.A., **Eom, K.**, Cohen, J.R. (in prep). Brain Network Organization in Children with ADHD

PRESENTATIONS

Eom, K., Hall, S., Politte, Laura., Sheridan, M., Cohen, J. (Accepted). Effects of methylphenidate on response control and intrinsic whole-brain functional network organization in children with attention-deficit/hyperactivity disorder. Poster Presentation at the Flux Conference, New York, NY, August 2019.

Hall, S., **Eom, K.**, Cohen, J.R. Brain network organization in children with ADHD, Poster Presentation at the Smokies Cognition and Neuroscience Symposium, Asheville, NC, April 2019.

Eom, K. & Harris-Britt, A. Research based clinical treatment and intervention at the AHB Center for Behavioral Health and Wellness. Poster Presentation at the Karen Gil Annual Showcase, Chapel Hill, NC, April, 2017.

PRESENTATIONS

Fall 2017	Teaching Assistant , PSYC 245: Abnormal Psychology, UNC-CH
Summer I 2018	Teaching Assistant , PSYC 245: Abnormal Psychology, UNC-CH

HONORS AND AWARDS

Jan 2017 – May 2017

UNC-CH Karen Gil Intern, *AHB Center for Behavioral Health and Wellness*

- Stipend \$1,800
- Selective internship in the Department of Psychology and Neuroscience
- Shadow psychologists and psychiatrists in various methods of therapy and evaluations
- Participate in therapy sessions, school visitations, research meetings, and assessments
- Led to part-time research assistant job listed in more detail above

Dean's List: Fall 2015, Spring 2016, Spring 2017

OTHER RELEVANT EXPERIENCE

July 2017 – May 2018

Flux Satellite Conference 2018 Organizer, *UNC-CH*

Jun 2009 – Aug 2013

Guardian ad Litem, *Guardian ad Litem*

- Trained community volunteer appointed by district court judge to investigate and determine the needs of abused and neglected children petitioned into the court system by the Department of Social Services.
- Duties include: Talking to the children in question to establish what they want and don't want in their family structure; discussing their mental and physical health, along with their rights, with school teachers, counselors, psychologists, doctors, and lawyers until permanence is achieved; recommending what's best for child by writing court reports.

Aug 2014 – Aug 2016

Counsel, *Attorney General's Staff at UNC-CH*

- UNC-CH is one of the few universities in the nation to practice self-governance in its Honor System. Students charged with an academic or conduct violation appear before the Honor System with a counsel, who serve as "lawyers" in the Honor System.
- Duties include: prepare the case and represent the reporting party or the accused student(s) in Honor Court hearings.
- Oftentimes, violations happen due to mental health issues, especially depression and anxiety, and it is imperative that counsels recognize and advocate for the student's overall well being and fight through the stigma against mental disorders throughout the court hearing and sanctioning.

Jan 2017 – Aug 2017

Spanish Teacher, *Los Delfines at McDougle Elementary School*

- Bilingual afterschool program designed for immersion in the Spanish language and culture for K-2 children
 - Duties include: make lesson plans around a specific Spanish speaking country, organize academic and recreational programs for children enrolled in the program.
-

SKILLS

Languages: English (Fluent), Korean (Fluent), Spanish (Proficient)

Technical

- Programming languages: Matlab, python

- Other: SPSS, Linux, DTIPrep, fMRIPrep, PsychoPy, DTIPrep, FSL
-

RELEVANT COURSEWORK

Graduate Level

Psychology 795: Functional Magnetic Resonance Imaging (Audited)
Psychology 859: Advanced Connectivity Modeling in Neuroimaging (Audited)
Psychology 876: Social and Affective Neuroscience (Audited)

Undergraduate Level

Psychology

Psychology 101: General Psychology
Psychology 315: Introduction to Neuroscience
Psychology 230H: Introduction to Cognitive Psychology
Psychology 245: Abnormal Psychology
Psychology 250: Child Development
Psychology 225: Sensation and Perception
Psychology 270: Lab Research in Psychology
Psychology 493: Internship in Psychology
Psychology 514: Mania and Depression
Psychology 601: Psychology and Law

Statistics

Statistics 155: Introduction to Statistics
Statistics 113: Decision Models for Economics
Psychology 210: Statistic Principles in Psychology
Psychology 533H: General Linear Model in Psychology

REFERENCES

Dr. Jessica Cohen
Assistant Professor
University of North Carolina at Chapel Hill
jrcohen@unc.edu
919-843-2664

Dr. April Harris-Britt
Clinical Psychologist, Lecturer
AHB Center for Behavioral Health and Wellness, University of North Carolina at Chapel Hill
ahb@ahbpsych.com
(919) 401-8090

Dr. Jia-rong Wu
Professor
University of North Carolina at Chapel Hill
jiarongw@email.unc.edu
919-966-8057