

## SHERIKA N HILL, PhD MHA

<https://tarheels.live/sherikahill/>

The University of North Carolina at Chapel Hill  
Frank Porter Graham Child Development Institute  
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### BIOPSYCHOSOCIAL RESEARCH PROGRAM

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My interdisciplinary research investigates how social determinants and structural drivers influence adolescent mental health conditions. I am particularly interested in how biological mechanisms, such as epigenetic DNA methylation, and public policies confer health risk or resilience during development for youth exposed to trauma. I work primarily with vulnerable populations defined by rurality, low socioeconomic status, minority race/ethnicity, or chronic childhood health conditions.

### EDUCATION

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**Postdoctoral Fellow [Carolina Consortium on Human Development T32 NICHD]** 7/2016-2018

Epigenetics of Developmental Psychopathology- University of North Carolina, Chapel Hill NC

Center for Developmental Science

PI: Andrea Hussong, UNC-CH Center for Developmental Science

Co-Mentors: E Jane Costello and Susan Murphy, Duke University

#### **Postdoctoral Research Associate**

Prevention and Clinical Epidemiology- Duke University School of Medicine, Durham NC

Department of Psychiatry and Behavioral Sciences

PI: E Jane Costello, Duke University

6/2015-2016

PI: Gary Maslow MD MPH, Duke University

5/2013-2015

#### **Doctor of Philosophy**

4/2013

Maternal and Child Health- UNC-CH Gillings School of Global Public Health, Chapel Hill NC

Dissertation Advisor: Jonathan Kotch, MD MPH

Public Policy- UNC-CH College of Arts and Sciences, Chapel Hill NC

Dissertation Advisor: Gary T Henry, PhD

#### **Master of Healthcare Administration**

12/2008

Health Policy and Management- UNC-CH Gillings School of Global Public Health, Chapel Hill NC

#### **Bachelor of Arts**

5/1999

Political Science with Concentration in Medical Humanities- Davidson College, Davidson NC

### SPECIALIZED TRAINING

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▪ Doctoral-level coursework and NIH training in genetics, epigenetics, and bioinformatics 2016-2018

▪ Health Disparities Research Curriculum Certification, Duke University School of Medicine 10/2017

### RESEARCH SKILLS

- Experienced program director of clinical research and community participatory research studies
- Proficient data analyst of electronic health records and NC Public Instruction education records
- Advanced STATA code programmer: survey data; multilevel, structural equation & propensity models
- Skilled researcher in econometrics, program evaluation, and qualitative research

## **ACADEMIC CAREER & OTHER PROFESSIONAL EMPLOYMENT**

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### **Senior Research Scientist**

**6/2020-present**

UNC-CH Frank Porter Graham Child Development Institute, Chapel Hill NC

- Serve as Research and Policy Liaison to establish strategic partnerships with stakeholders and policymakers to encourage research on child health, particularly as it relates to adolescent mental health and prevention of child maltreatment
- Establish Rural Youth Mental Health Program to conduct translational research spanning basic biomedical research to public policy

Clinical/Social Research Specialist (Part-time)

**9/2018-5/2020**

UNC-CH Frank Porter Graham Child Development Institute, Chapel Hill NC

- Provide portfolio management support for management team initiatives to promote policy engagements, development funding, and interdisciplinary collaborative research between FPG investigators and broader UNC research community

### **Adjunct Assistant Professor (Unpaid)**

**9/2020-present**

Assistant Professor

**11/2019-8/2020**

Duke University School of Medicine Department of Psychiatry & Behavioral Sciences, Durham NC

- Served as lead statistician for National Center for Child Traumatic Stress Data & Evaluation Program
- Investigated correlates of diseases of despair with Great Smoky Mountains Study
- Conducted research focused on biomarkers of pediatric stress, including childhood cancer

Senior Research Associate

**8/2018-10/2019**

Duke University School of Medicine Department of Psychiatry & Behavioral Sciences, Durham NC

- Led data analyses for collaborative studies focused on childhood cancer in Department of Neurosurgery; diseases of despair with Great Smoky Mountains Study; and childhood trauma with National Center for Child Traumatic Stress

Adjunct Faculty Associate (Paid, Part-time)

**7/2016-7/2018**

Duke University School of Medicine Department of Psychiatry & Behavioral Sciences, Durham NC

- Collaborated on four manuscripts investigating cannabis use in the Great Smoky Mountains Study

### **Consultant (Paid) NC Social-Emotional Health and Wellbeing Initiative**

**10/2020-present**

NC Child, Raleigh NC

- Facilitate and lead the statewide working group for NC Social-Emotional Health and Wellbeing Initiative for Youth (NC SEH) on evidence-based treatments and programming for youth aged 0-8 to create policy recommendations and implementation plans for NC General Assembly by August 2021.
- Assist with the planning of the NC SEH implementation phase to begin in January 2022.

### **Postdoctoral Fellow [Carolina Consortium on Human Development T32 NICHD]**

**7/2016-2018**

University of North Carolina Chapel Hill, Chapel Hill NC

- Investigated relationship between epigenetic DNA methylation markers and ADHD endophenotypes in the Newborn Epigenetic Study (PI: Susan Murphy)
- Analyzed epigenetic data in monozygotic twins in the Longitudinal Israeli Study (PI: Ariel Knafo)
- Completed NIH bioinformatics and statistical analysis trainings for processing and analyzing methylation data and conducting high throughput genomic sequencing

### **Postdoctoral Research Associate**

**5/2013-6/2016**

Duke University School of Medicine Department of Psychiatry & Behavioral Sciences, Durham NC

- Served as Program Director for PI Gary Maslow's Templeton Grant on Positive Youth Development which required 1) recruitment of a clinical sample of 400 adolescents and a parent (200 with and 200 without chronic conditions) across 9 pediatric specialty clinics and primary care, 2) survey

development and administration, 3) data management and analysis, 4) supervision of research staff, and 5) manuscript and grant writing

- Provided research support for PI Jane Costello's NIDA Grant for Great Smoky Mountains Study, including data harmonization efforts to update DSM-4 programming code for diagnostic variables to include new DSM-5 guidelines; leading School of Medicine Interdisciplinary Colloquium Series on behavioral epigenetics; manuscript editing; and grant writing

**Zero To Three (ZTT) Task Force Consultant**

1/2015-2016

Zero to Three National Center for Infants, Toddlers, and Families, Washington DC

- Conducted systematic literature reviews to inform revisions of the Diagnostic Classification of Mental Health and Developmental Disorders of Infancy and Early Childhood, Revised (DC:0-3R) according to the *Diagnostic and Statistical Manual of Mental Disorders*, Fifth Edition (DSM-5)

**Program Evaluator for NC Partnership for Children**

5-8/2012

NC Smart Start, Raleigh NC

- Designed and analyzed statewide evaluation plan of county-level preschool obesity intervention programs for Blue Cross Blue Shield interim report

**Public Policy Researcher for Special Nutrition Programs for Women and Children**

1-6/2011

NC Department of Public Health Nutrition Services, Raleigh NC

- Created educational materials for child care providers and parents on how to prevent infant and toddler obesity according to recommended nutrition and physical activity guidelines for NC child care centers receiving federal funds from the Child and Adult Care Food Program

**Community Participatory Program Manager**

3-8/2009

Duke-Durham Partnership for Durham Health Innovations Planning Grant, Durham NC

- Managed the team development of the Healthy Bodies- Healthy Minds program activities, timelines, budget, and deliverables in conjunction with the Duke Translational Medicine and Durham County Health Department to reduce obesity in Durham North Carolina

**Executive Director and Founder of Preschool Wellness Program**

10/2007-8/2010

Generation Fit for Preschoolers Nonprofit LLC, Durham NC

- Founded and directed preschool creative movement and nutrition program to educate child care providers and parents on the importance of fitness and healthy diets for toddlers and preschoolers
- Managed contracts and provided direct services to Durham County Public Library System (4 locations) and 3 private preschools

**Public Health Genomics Consultant**

4/2007-6/2008

ABQ Consulting (Subcontractor Centers for Disease Control), Durham NC

- Developed communication lexicon and materials to explain pharmacogenomics (i.e., personalized medicines) to public health researchers, clinicians, and patients

**Genetics Research Senior Portfolio Analyst**

11/2000-2/2007

GlaxoSmithKline Research and Development, Research Triangle Park NC

- Tracked US & UK portfolio of over 200 genetics, genomics, bioinformatics studies at 4 international sites spanning 13 therapeutic disease areas
- Managed international 5-year strategic reinvestment budget of 10M pounds annually
- Recommended quarterly funding priorities to executive team
- Trained project managers and lab directors on project management
- Coordinated completion of patent applications and manuscripts for portfolio studies

- Ensured divisional regulatory compliance for records retention and data governance
- Facilitated biannual meetings with GSK R&D Sales Commercialization Team

#### PEER-REVIEWED PUBLICATIONS

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1. Briggs EC, Murphy RA, **Hill SN**, Corry NH, Stander VA, Tunno AM, Pflieger JC, Richardson SM, Fairbank JA. Parental Mental Health, Deployment, Family Dynamics, and Associations With Children's Mental Health: Millennium Cohort Family Study Findings. Book Chapter, National Human Rights Commission. June 2021
2. Seifert H, Tunno A, **Hill SN**, Purbeck C, Ford J, Grasso, D, Briggs E. Polyvictimization and psychosocial outcomes among trauma-exposed youth involved in the mental health and juvenile justice systems. *Child Maltreatment (In Print May 2021)*
3. Shanahan L, **Hill SN**, Bechtiger L, Steinhoff A, Godwin J, Gaydos L, Harris KM, Dodge K, Copeland W. Opioid Use in the Early Decades of Life: Prevalence and Childhood Precursors. *JAMA Pediatrics*. 2020. <https://jamanetwork.com/journals/jamapediatrics/fullarticle/2773983>
4. Mattingly J, Kiser L, **Hill SN**, Briggs E, Trunzo C., Zafari Z, Betancourt T. Unseen Costs: The Direct and Indirect Impact of U.S. Immigration Policies on Child and Adolescent Health and Well-Being. *Journal of Traumatic Stress*. 2020 Aug 13. <https://doi.org/10.1002/jts.22576>
5. **Hill SN**, Belger A. *Neurobiological Consequences of Child Maltreatment*. Geffner R, Vieth V, Vaughan-Eden V, Rosenbaum A, Hamberger L, White J. (eds) *Handbook of Interpersonal Violence Across the Lifespan*. Springer, Cham. 2020; [https://doi.org/10.1007/978-3-319-62122-7\\_316-1](https://doi.org/10.1007/978-3-319-62122-7_316-1)
6. Copeland WE, Gaydos L, **Hill SN**, Godwin J, Harris KM, Costello EJ, Shanahan L. Associations of Despair with Suicidality and Substance Misuse Among Young Adults. *JAMA Netw Open*. 2020; 3 (6):e208627. PMID: 3257370 [PMC7312388](https://pubmed.ncbi.nlm.nih.gov/3257370/)
7. Gifford E, Kozeck L, **Hill SN**, Shanahan L, Copeland WE. Adult Psychiatric and Functional Outcomes of Parental Incarceration: A prospective, longitudinal study. *JAMA Network Open*. PMID: 31441942 [PMC6714027](https://pubmed.ncbi.nlm.nih.gov/31441942/)
8. Shanahan L, **Hill SN**, Gaydos LM, Steinhoff A, Costello EJ, Dodge KA, Harris KM, Copeland WE. Does despair really kill? A roadmap for an evidence-based answer. *American Journal of Public Health*. 2019; 109: 854-858. PMID: 30998413 [PMC6506367](https://pubmed.ncbi.nlm.nih.gov/30998413/)
9. Goode A, Coeytaux R, Maslow G, Davis N, **Hill S**, Behrouz N, Allen Lapointe N, Befus D, Lallinger K, Bowen S, Kosinski A, McBroom A, Sanders G, Kemper A. Non-pharmacologic Treatments for Attention Deficit Hyperactivity Disorder: A Systematic Review. *Pediatrics*. 2018; 141 (6). PMID: 29848556
10. Kemper AR, Maslow GR, **Hill S**, Namdari B, Allen LaPointe NM, Goode AP, Coeytaux RR, Befus D, Kosinski AS, Bowen SE, McBroom AJ, Lallinger KR, Sanders GD. Attention Deficit Hyperactivity Disorder: Diagnosis and treatment in children and adolescents. Agency for Healthcare Research and Quality (US); January 2018. PMID: 29558081
11. **Hill SN**, Shanahan L, Costello EJ, Copeland WE. Predicting persistent, limited, and delayed problematic cannabis use in early adulthood: findings from a longitudinal study. *J Am Acad Child Adolesc Psychiatry*. 2017; 56 (11): 966-974.e964. PMID: 29096779 [PMC5679452](https://pubmed.ncbi.nlm.nih.gov/29096779/)
12. Hart L, Pollock M, **Hill SN**, Maslow G. Association of transition readiness to Intentional Self-Regulation and Hopeful Future Expectations in youth with illness. *Acad Pediatr*. 2017; 17 (4): 450-455. PMID: 27979748
13. Copeland WE, **Hill SN**, Costello EJ, Shanahan L. Cannabis use and disorder from childhood to adulthood in a longitudinal community sample with American Indians. *J Am Acad Child Adolesc Psychiatry*. 2017; 56 (2): 124-132. PMID: 28117058 [PMC5564181](https://pubmed.ncbi.nlm.nih.gov/28117058/)
14. **Hill SN**, Maslow G, Chung R. 'Skin Deep Resilience' among disadvantaged blacks: critical questions, elusive answers. *Pediatrics*. 2016; 138 (6). PMID: 27940737 [PMC5127080](https://pubmed.ncbi.nlm.nih.gov/27940737/)
15. Maslow G, **Hill SN**. Systematic review of character development and childhood chronic illness. *World J Clin Pediatr*. 2016; 5 (2): 206-11. PMID: 27170931 [PMC4857234](https://pubmed.ncbi.nlm.nih.gov/27170931/)

16. Maslow G, **Hill SN**, Pollock M. Comparison of Positive Youth Development for youth with chronic conditions and healthy peers. *J Adolesc Health*. 2016; 59 (6): 716-21. PMID: 27693130
17. Fair C, Cuttance J, Sharma N, Maslow G, Wiener L, Betz C, Porter J, McLaughlin S, Gilleland-Marchak J, Renwick A, Naranjo D, Jan S, Javalkar K, Ferris M, (et al. **Hill SN**- International and Interdisciplinary Identification of Health Care Transition Research Consortium). International and interdisciplinary identification of health care transition outcomes. *JAMA Pediatr*. 2016; 170 (3): 205-211. PMID: 26619178 [PMC6345570](#)
18. Maslow G, **Hill SN**, Rozycki A, Sadun R, Sendowski M, Neukirch J. Character development pilot evaluation of two studies. *Journal of Youth Development*. 2015; 10 (3).
19. Alkon A, Crowley A, Benjamin Neelon S, Pan Y, Savage E, **Hill SN**, Nguyen V, Kotch JB. The NAP SACC intervention in child care centers in three states improves nutrition and physical activity knowledge, policies, practices and children's BMI. *BMC Public Health*. 2014; 14: 215. PMID: 24580983 [PMC3945995](#)

(SUBMISSION/RESUBMISSIONS FOR PEER REVIEW AS OF MARCH 2021, \*=student)

20. **Hill SN**, Parental Self Care During Child's Cancer Diagnosis Phase. *Oncologist (Submitted March 2021)*
21. Gulrajani N, Montes S, McGough D, Khattab A, Semmes E, Wimberly C, Towry L, Cohen J, Hurst J, Landi D, **Hill SN**, Walsh K. Assisted Reproductive Technology and the Mediating Effects of Low Birthweight for Childhood Cancer Risk. *(Submitted December 2020)*
22. Copeland W, **Hill SN**, Costello E, Shanahan L. Adult outcomes for different definitions of Early Cannabis Use. *J Am Acad Child Adolesc Psychiatry (Submitted November 2020)*

(REVISING FOR NEW JOURNAL SUBMISSION, \*=student)

1. **Hill SN**, Sanders G, Maslow G, Coeytaux R, Lapointe N, Goode A, Kemper A, et al. Attention Deficit Hyperactivity Disorder (ADHD) comparative effectiveness of diagnostic tools.
2. \*Brotkin S, Sendak M, Pollock M, Maslow G, **Hill SN**. An examination of participation in youth programs for adolescents with chronic illnesses.
3. **Hill SN**, Hornik C, Fuemmeler B, Maslow G, Worley G. Childhood ADHD and adverse sexual health outcomes in adolescence and young adulthood. *JAMA Pediatrics*
4. **Hill SN**, Pollock M, Maslow G. Intentional Self-Regulation, Hopeful Future Expectations, and spirituality as predictors of Positive Youth Development among pediatric patients with chronic illnesses. *Academic Pediatrics*

(IN TEAM PREPARATION, \*=student)

1. **Hill SN**, Shanahan L, Erkanli A, Costello E, Copeland W. Causal effects of early cannabis use on young adult anxiety, depression, and suicidality independent of most recent use. *Journal of American Psychiatry*
2. Briggs E, Tunno A, **Hill SN**, Corry N, Pflieger J, Richardson S, Stander V, Fairbank J, Murphy R. Deployment, parental mental health, and family functioning: associations with child psychosocial outcomes among military families. *[Approved by military command for external publishing]*
3. Briggs E, Murphy R, Tunno A, **Hill SN**, Sparks A, Wagner R, Richardson S, Stander V, Fairbank J. Balancing the Scales: An Exploration of Family Factors Associated with Child Prosocial Behaviors and Conduct Problems among Military Families. *[Approved by military command for external publishing]*
4. **Hill SN**, Huang L, Grassman-Pines A, Gaydos L, Shanahan L, Copeland W. Intergenerational socioeconomic mobility and diseases of despair from a rural, longitudinal study.
5. **Hill SN**, Sheng Y, Kollins S, Murphy S, Hoyo C, Fuemmeler B. Neonatal DNA methylation of MEG3 and executive functioning in early childhood.
6. **Hill SN**, Sheng Y, Kollins S, Murphy S, Hoyo C, Fuemmeler B. Epigenetic mechanisms in the association between IGF2 and ADHD phenotypes of hyperactivity and attention.

7. **Hill SN**, Knafo A. Role of epigenetic markers beyond genetics in ADHD phenotype of hyperactivity among monozygotic twins.

## OTHER PUBLICATIONS AND PRESENTATIONS

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### POLICY REPORTS

1. North Carolina Early Childhood Foundation- Children's Social Emotional Health Data Workgroup (et al. **Hill SN**) April 2020. *Filling the Data Gap: Recommendations for Population-Level Measures of Young Children's Social-Emotional Health in North Carolina*. Raleigh, NC: North Carolina Early Childhood Foundation. [https://buildthefoundation.org/wp-content/uploads/2020/06/Full-Report-NCECF-Childrens-SEH-Data-Workgroup\\_060420.pdf](https://buildthefoundation.org/wp-content/uploads/2020/06/Full-Report-NCECF-Childrens-SEH-Data-Workgroup_060420.pdf)

### ORAL PRESENTATIONS

2. **Hill SN**, Amaya-Jackson L. Brain Science of Child Sexual Abuse. Oral presentation at: Prevent Child Abuse North Carolina and YMCA Stakeholders Meeting on Child Sexual Abuse; October, 2019; Raleigh, NC.
3. **Hill SN**, Riggs P, Rettew D, Hsiao R, Bagot K, Williamson E. Debate: Should Cannabis Be Legalized in America. Oral presentation at: 66<sup>th</sup> Annual Meeting of American Academy of Child and Adolescent Psychiatry, Panel Presentation; October, 2019; Chicago, Illinois.
4. **Hill SN**. Cannabis Use Post Legalization. Oral Presentation at: 26<sup>th</sup> Annual Legacy Luncheon for Durham Academy of Medical, Dentistry, and Pharmacy; August, 2019; Durham, NC.
5. **Hill SN**. Cannabis Use and Disorder from Childhood to Adulthood. Oral presentation at: Life History Research Society Conference, Panel Presentation; May, 2018; Paris, France.
6. **Hill SN**, Copeland W. Cannabis Involvement from Childhood to Age 30: Predictors, Pathways and Outcomes. Oral presentation at: Duke Psychiatry Grand Rounds; November, 2017; Durham, NC and Butner, NC.
7. **Hill SN**, Sheng Y, Kollins S, Murphy S, Hoyo C, Fuemmeler B. Sex Differences in Neonatal DNA Methylation of Imprinted Genes and Executive Functioning in Early Childhood. Brief Presentation/Walking Poster presentation at: Developmental Origins of Health and Disease; October, 2017; Rotterdam, Netherlands.
8. **Hill SN**, Hornik C, Fuemmeler B, Maslow G, Worley G. Childhood ADHD and adverse sexual health outcomes in adolescence and young adulthood. Oral presentation at: Duke Pediatric Research Retreat; April, 2017; Durham, NC.
9. **Hill SN**. Epigenetic concepts, findings, and future research directions for behavioral health. Oral presentation at: Duke Epigenomics of Maltreatment Spring Conference; May, 2015; Durham, NC.
10. **Hill SN**, Maslow G, Shah N. Duke transition collaborative experience and Sickle Cell Disease transition care. Oral presentation at: Duke Pediatric Research Retreat; April, 2015; Durham, NC.
11. **Hill SN**. Epigenetic Landscape for Behavioral Health. Oral presentation at: Duke Epigenomics of Maltreatment Conference; November, 2014; Durham, NC.
12. **Hill SN**, Maslow G. Duke 'Got Transition' experience: pediatric transitions to adulthood and adult medical care for youth with chronic illnesses. Oral presentation at: Community Care of North Carolina; May, 2014; Raleigh, NC.

### SELECT ABSTRACTS

13. **Hill SN**, Brotkin, SM, Bonner, MJ, Walsh, KM. Parental concerns, positive experiences, and related optimism by childhood cancer subtype. Poster presented at: International Society of Pediatric Oncology; October 2019; Lyon France <https://onlinelibrary.wiley.com/doi/10.1002/pbc.27989>
14. **Hill SN**, Sheng Y, Kollins S, Murphy S, Hoyo C, Fuemmeler B. Sex differences in neonatal DNA methylation of imprinted genes and executive functioning in early childhood. Poster presented at: Developmental Origins of Health and Disease 10<sup>th</sup> World Congress; October 2017; Rotterdam Netherlands.

15. \*Sendowski M, Pollock M, **Hill SN**, Maslow G. Program participation of youth with childhood onset chronic illness. Poster presented at: Pediatric Academic Societies Annual Meeting; April 2016; Baltimore, MD.
16. \*Rosenthal L, Maslow G, **Hill SN**. Parents of children with chronic illness: the relationship between distress and quality of life. Poster presented at: Duke Pediatric Research Retreat; April 2015; Durham, NC.
17. **Hill SN**, Delgado K, Maslow G, Fuemmeler B, Hornik C, Worley G. ADHD and sexual risk-taking among US adolescents. Poster presented at: Society of Adolescent Health and Medicine Annual Conference; March 2015. San Diego, CA.
18. **Hill SN**, Maslow G, Shah N. Growing pains – determination of transfer and transition from pediatrics to adult outpatient clinics for patients with Sickle Cell Disease. Poster presented at: American Society of Hematology 56<sup>th</sup> Annual Conference; December 2014; San Francisco, CA.
19. **Hill SN**, Rozycki A, Maslow G. Duke 'Got Transition' learning collaborative: pediatric health care transition index assessment. Poster presented at: Chronic Illness and Disability 15<sup>th</sup> Annual Conference; March 2014; Houston, TX.

#### **EDITORIAL EXPERIENCE- AD HOC JOURNAL REVIEWS**

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• JAMA Network Open	2019
• European Child and Adolescent Psychiatry	2018
• Journal on Research of Adolescence	2017, 2018
• Journal of the American Academy of Child and Adolescent Psychiatry	2016, 2017, 2018
• Social Psychiatry and Psychiatric Epidemiology	2014, 2016, 2017
• Psychological Medicine	2017
• JAMA Pediatrics	2015
• Journal of Adolescent Health	2014
• Public Health Nursing	2014

#### **SCHOLARY SOCIETIES**

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American Psychopathological Association  
 Society of Pediatric and Perinatal Epidemiologic Research  
 Society of Adolescent Health and Medicine  
 American Public Health Association  
 Developmental Origins of Health and Disease  
 Epigenetics Society

#### **TEACHING EXPERIENCE**

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Instructor: Alexander County, NC Smart Start Professional Development Training Adverse Childhood Experiences, Disparities, and Evidence-based Prevention Strategies	11/2019
Instructor: Duke University School of Medicine Masters of Biomedical Science HLTHSCI 518 - Evidence Based Clinical Practice Systematic Literature Reviews Lab	1-5/2019
Guest Speaker: Duke Center on Addiction & Behavior Change (CABC) Spring Symposium Co-sponsored with Duke Brain Institute and Duke CIPHERS Center (Cannabis-Induced Potential Heritability of Epigenetic Revisions in Sperm) Altered States of Cannabis Regulation: Informing Policy with Science	4/2019

Guest Lecturer: UNC-CH Gillings School of Global Public Health Department of Epidemiology Reproductive and Perinatal Epidemiology Graduate Course EPID851 Sex Differences in DNA Methylation Markers Associated with Early Childhood Cognitive Outcomes	2/2019
Guest Lecturer: Duke University School of Medicine Department of Psychiatry & Behavioral Sciences School of Medicine Psychiatry Residents Academic Half-Day Problematic Cannabis Use Prevalence and Predictors among High Risk Populations	3/2018
Guest Lecturer: UNC-CH Center for Developmental Science Carolina Consortium on Human Development Lecture Series Graduate Course Psychology 781 Differences, Disparities, and Discrimination in Cannabis Use and Related Consequences	2/2018
Instructor: Duke University Trinity College of Arts and Sciences Department of Economics Graduate Course 593 Economics and Psychopathology	8-12/2017
Guest Lecturer: UNC-CH Gillings School of Global Public Health Department of Maternal and Child Health Graduate Course 801 Doctoral Seminar	9/2017
Course Planning Committee: UNC-CH Center for Developmental Science Carolina Consortium on Human Development Lecture Series Graduate Course Psychology 781 The Consideration of Developmental Mechanisms of Racial/Ethnic Discrimination in Research Methods	7-12/2017
Applied Lab Lecturer: Duke University School of Medicine Department of Psychiatry & Behavioral Sciences Center for Developmental Epidemiology Dr. S Hill's Student Research Lab on Epidemiology & Adolescent Mental Disorders	1-5/2017
Key Speaker and Program Coordinator: Duke University School of Medicine Department of Psychiatry & Behavioral Sciences Interdisciplinary Symposium Series Epigenomics of Maltreatment	8/2014-8/2015
Guest Lecturer: UNC-CH Gillings School of Global Public Health Department of Maternal and Child Health Graduate Course 701 Foundations of MCH	
<ul style="list-style-type: none"> <li>• Social Determinants and Policies Influencing Childhood Obesity</li> <li>• Policy Evaluative Criteria</li> <li>• Who Is Responsible for Helping Poor People</li> <li>• Obesity and Social Policy</li> </ul>	9/2012, 9/2013, 9/2014 8/2011 10/2011 3/2011, 2/2012, 3/2013
Teaching Assistant: UNC-CH Gillings School of Global Public Health Graduate Course 701 Foundations of Maternal and Child Health	8-12/2010
<ul style="list-style-type: none"> <li>• Managed online student portal for course documents and coordinated guest speaker schedule</li> </ul>	



- Assisted with grading assignments and providing feedback to Masters/PhD students
- Lectured on the impact of US poverty policies on maternal and child health

## MENTORING

### MEDICAL STUDENTS/RESIDENTS/RESEARCH FELLOWS

- Stephanie MacPherson MD- Duke Pediatrics Child Abuse and Neglect Fellow 8/2019-6/2020
- Mya Sendowski (graduated Duke Medical School 2015) 8/2014-1/2015

### GRADUATE STUDENTS

- Josée Dussault- UNC PhD Epidemiology 9/2020-present
- Sam Brotkin- Duke PhD Clinical Psychology 6/2019-present
- Lu Huang- Duke Masters in Economics; now UNC PhD Public Policy) 1/2017- present

### UNDERGRADUATE STUDENTS

- Kayla Flynn (gap year) 2/2020-8/2020
- Amanda Layne Walker (accepted into Medical School) 8/2013-5/2016
- Katie Delgado (accepted into Masters Social Work) 8/2013-5/2015
- Taylor Barron (accepted into Masters Biomedical Program and Medical School) 8/2014-5/2016
- Saif Akram (accepted into Biomedical Engineering Program) 8/2014-5/2016
- Eitan Tye- Honors Thesis Committee 9/2015-4/2016
- Lindsay Rosenthal- Honors Thesis Committee 9/2014-4/2015

## SERVICE

- National Prevention Science Coalition, Board 1/2020-present
- Social Emotional Health Workgroup for NC Early Action Child Development Plan 8/2019- 4/2020
- UNC-CH Frank Porter Graham Search Committee for Associate of Research 1/2019-10/2019
- Duke Psychiatry Strategic Planning Steering Committee 2/2019-8/2019
- Duke School of Medicine Institutional Review Board 12/2018-5/2019
- Duke Psychiatry Clinical Research Unit 12/2018-5/2019
- UNC-CH Center for Developmental Science Institutional Review Board 7/2016-5/2017
- Duke Center for Developmental Epidemiology Early Career Mentoring Meetings 9/2015- 6/2016
- Duke Chronically Ill Youth Pediatric-to-Adult Care Transition Workgroup 7/2013-5/2015
- UNC-CH Maternal and Child Health Search Committee for Department Chair 1-12/2014
- Duke Department of Pediatrics, Summer Camp Kaleidoscope Counselor 7/2014

## AWARDS

### COMPETITIVE APPOINTMENTS

- Duke Medicine Translational Health Scholar 8/2018-8/2020
- NIH 6-week Summer Intensive Big Data to Knowledge (BD2K) 7/2018-8/2018
- Duke Bioinformatics High Throughput Human Sequencing Course, Durham NC
- Carolina Consortium on Human Development Postdoctoral Traineeship T32 7/2016-7/2018
- Center for Developmental Science, UNC-CH
- Maternal and Child Obesity Pre-doctoral Traineeship F32 8/2010-8/2012
- Interdisciplinary Obesity Center, UNC-CH
- Maternal and Child Health Bureau Traineeship 8/2009-5/2010
- Maternal and Child Health Department, UNC-CH

### HONORS

- Best Clinical Abstract 4/2017
- Department of Pediatrics Research Retreat, Duke University Medical Center
- Genetics Research Bronze Award 2/2005
- GlaxoSmithKline Research and Development, RTP NC

- R&D Exceptional Scientist Award  
GlaxoSmithKline Research and Development, RTP NC

2/2004

#### EXTERNAL SUPPORT

PENDING	PI (Amt)	% FTE	PURPOSE	DATES
Substance Abuse and Mental Health Services Administration National Center for Child Trauma Initiative- Category III Services	<b>Sherika Hill-</b> \$2M	<b>50%</b>	Establish a Rural Trauma Support Network to ensure provider training and patient access to evidence-based child-trauma treatments and programs access rural NC	9/2021- 9/2026
UNC School of Government nciIMPACT & myFutureNC (Underwriter: GlaxoSmithKline Foundation)	<b>Sherika Hill-</b> FPG Subacct: \$104,226	<b>10%</b>	Implementation science support and metric analyses for up to 20 NC Collaborative Teams to assist them in achieving NC 2030 goal of increasing post-secondary degrees and certification by 2 Million	3/2021- 12/2022
CURRENT	PI (Amt)	% FTE	PURPOSE	DATES
NC Eastpointe Managed Care Organization	<b>Sherika Hill-</b> \$292K (UNC subcontract: \$58.8K)	15%	Conduct program evaluation and Continuous Quality Improvement of Whole-Person Integrated Care Model of caseworker-coordinated clinical services for mental health and primary care in 10 southeastern counties in rural North Carolina.	10/2020 -present
UNC School of Government nciIMPACT & myFutureNC (Underwriter: John M Belk Foundation)	<b>Sherika Hill-</b> FPG Subacct: \$52,332	10%	Program evaluation and assistance for 10 NC Collaborative Teams to establish post-secondary education goals, strategies, and metrics	3/2021- 12/2021
NC Early Childhood Foundation (Underwriter: NC Blue Cross Blue Shield)	<b>Sherika Hill-</b> \$24,777	15%	Generate report on the role of NC childcare infrastructure and local economic markets on regional (i.e., rural) variation in economic recovery since the Covid pandemic	3/2021- 7/2021
PAST/COMPLETED	PI (Amt)	% FTE	PURPOSE	DATES
Substance Abuse and Mental Health Services Administration UCLA-Duke National Center for Child Traumatic Stress 2000GUC816	Fairbank- Subcontract (\$6M)	50%	Improvement Advisor within Data and Evaluation Program responsible for statistical analyses and program evaluation	3/2019- 8/2020
NIMH R01 MH117559-01	Copeland (\$1.2M)	25%	Examination of 'Diseases of Despair' in young adulthood to inform prevention	7/2018- 6/2020
UNC-CH Frank Porter Graham	S. Hill (Hourly Contract)	20%	Translational policy liaison and portfolio management of interdisciplinary efforts	8/2018- 6/2020

Alex's Lemonade Stand Foundation Sponsored Research	Walsh (\$250K)	25%	Investigation of psychosocial factors related to childhood cancer survivors	7/2018-7/2019
UNC-CH Human Development Interdisciplinary Training-T32HD007376-26A1	Hussong (\$2.8M)	100%	Fellowship to learn epigenetic data analysis and developmental psychopathology	7/2016-6/2018
Duke Center for the Study of Adolescent Risk and Resilience Biological Methods Core-P30DA023026	Hoyle (\$6.5M)	25%	Research to promote work on the genetic, neural, and cognitive mechanisms of self-regulation in relation to substance use and misuse	7/2016-6/2018
Early Substance Use in Rural American Indian and White/Anglo Youth NIDA R01 DA036523	Copeland (\$1.6M)	25%	Epidemiological study of early substance use before age 15 and the long-term outcomes.	7/2016-2/2018
Great Smoky Mountain Study Grant NIDA R01 DA011301	Costello (\$2.1M)	85%	Epidemiological study on the etiology, trajectories, and prevention of drug abuse	6/2015-7/2016
AHRQ- Attention Deficit Hyperactivity Disorder (RFTO#2)	Sanders-Schmidler (\$480K)	15%	ADHD medium-sized systematic review to inform clinical guidelines on childhood diagnosis and treatment	9/2015-7/2016
John Templeton Grant 40033 Sponsored Research	Maslow (\$300K)	100%	Clinical research on Positive Youth Development among adolescents with and without chronic illness	5/2013-5/2015

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