# VITA

# Nim Tottenham, Ph.D.

nlt7@columbia.edu

[http://danlab.psychology.columbia.edu/](http://tottenhamlab.psych.ucla.edu)

Columbia University, Department of Psychology - 419 Schermerhorn Hall

1190 Amsterdam Ave MC 5501, New York, NY 10027

**EMPLOYMENT**

2023-present Chair of the Department of Psychology, Columbia University,

2018-present Professor, Columbia University, Department of Psychology

2022-present Affiliate Member, Barnard College Cognitive Science Program

2018-present Affiliate Member, Zuckerman Mind, Brain, Behavior Institute

2016-present Associate Professor, Adjunct in the Child Study Center, Yale School of Medicine

2014-present Faculty, Columbia University Institute for Developmental Sciences

2014-2018 Associate Professor, Columbia University, Department of Psychology

2013-2014 Associate Professor, UCLA, Department of Psychology

 Areas: Developmental and Behavioral Neuroscience

2010-2014 Faculty, UCLA IDP Neuroscience Program

2010-2014 Faculty, UCLA Neuroimaging training program (NITP)

2009-2014 Faculty, UCLA Brain Research Institute

2009-2014 Faculty, UCLA Tarjan Center, Intellectual and Developmental Disabilities Research Center

2009-2014 Adjunct Assistant Professor of Psychology in Psychiatry, Weill Cornell

 Medical College, Sackler Institute for Developmental Psychobiology

2008-2014 Faculty, UCLA Center for Culture, Brain and Development

2008-2013 Assistant Professor, UCLA, Department of Psychology
Areas: Developmental and Behavioral Neuroscience

2006-2008 Assistant Professor of Psychology in Psychiatry, Weill Cornell Medical College

**EDUCATION**

2006 Postdoctoral Fellow of Psychology in Psychiatry, Weill Cornell Medical College,
 New York, NY, Mentor: BJ Casey, Ph.D.

2005 Ph.D., Child Psychology & Neuroscience Minor, University of Minnesota, (UMN mentors: Megan Gunnar, Ph.D., Charles Nelson, Ph.D.) (Sackler Institute mentor: BJ Casey, Ph.D.)

 Thesis title: *The Development of Face Perception and Facial Expression Processing: Childhood to Young Adulthood*

1996 B.A., Psychology, Barnard College of Columbia University, New York, NY

**RESEARCH AREA**

Neurobiology of Human Emotional Development

Parenting Influences on Emotional Learning and Brain Development

Early-Life Adversity on Brain and Behavioral Development.

**AWARDS & HONORS**

2024 American Academy of Arts and Sciences, Member

2024 Lenfest Distinguished Faculty Award, Columbia University

2024 Columbia University Doctoral Convocation Speaker

2024-present Chair, NICHD CHHD-H Study Section

2023 Rovee-Collier Mentorship Award, ISDP

2023-2025 Provost Leadership Fellows (PLF) program

2023 Presidential Teaching Award, Columbia University

2022 The Flux Congress Linda Spear Award

2022 Daniel Stern Prize, Weill Cornell Medical College

2021 Keynote, Barnard College Convocation

2021 U of M College of Ed and Human Development Distinguished Alumni Award

2020- Society of Experimental Psychologists, Fellow

2020 National Academy of Sciences, *Troland Award*

2020 *Paul D. MacLean Award for Outstanding Neuroscience Research in*

 *Psychosomatic Medicine*, American Psychosomatic Society

2018 Association for Psychological Science, Fellow

2017 Irene Jakob Memorial Lecture Award, U of Pittsburgh

2017- Child Mind Institute’s Scientific Research Council (SRC) Member

2017- Member, Dana Alliance for Brain Initiatives (DABI)

2015 American Psychological Association (APA) Distinguished Scientific

 Award for Early Career Contribution to Psychology

2013 Distinguished Teaching Award – UCLA Psychology

2013 “CEHD 23” Rising Alumni Award, U of Minnesota,

 College of Education & Human Development

2012 Young Scholar, La Fondation des Treilles

2012 UCLA Alpha Epsilon Delta Faculty Award

2011 NIMH “BRAINS” Award Recipient

2011 Young Scholar, Bronfenbrenner Conference on the Neuroscience of

 Risky Decision Making Conference, Cornell University

2010 Developmental Science Early Career Researcher Prize

2010 University of Minnesota, Institute of Child Development “Featured Alumni”

2007 New York Academy of Sciences “Meet the Young Investigators”

2003 U Minnesota Doctoral Dissertation Special Grant

**RESEARCH SUPPORT**

**CURRENT**

NIMH 1R01MH130901-01A1

(PI: Tottenham/Milham)

*Role: PI*

*Emotional Arousal and its Neurobehavioral Associations during Development*

08/13/2024 - 04/30/2029

NIMH 1R01MH130578

 (PI: Tottenham/Tomlinson/Seedat)

 *Resilient Emotion Regulation Development in a South African Birth Cohort*

Role: PI

 5/1/2023-4/31/2028

National Institute of Mental Health (1R15 MH113076-02A1)

*Impaired future-oriented cognition and adolescent suicide risk*

(PI: Cha)

Role: Consultant

03/01/2023-02/28/2025

**COMPLETED**

 NIMH 3R01MH091864-10S1

 (PI: Tottenham/Milham)

*Predicting Heterogeneous Neurodevelopmental Outcomes in School-aged Children with Early Caregiving Adversities - Supplement*

Role: MPI

 08/16/2022-06/30/2024 (with NCE)

 NIMH 2R01MH091864

 (PI: Tottenham/Milham)

*Predicting Heterogeneous Neurodevelopmental Outcomes in School-aged Children with Early Caregiving Adversities*

Role: MPI

07/01/2017-06/30/2024 (with NCE)

NIMH 2R01MH074374

(PI: Dozier/Tottenham)

Intervening Early with Neglected Children: Key Behavioral and Neurobiological Outcomes in Adolescence

Role: co-PI

08/01/2019-05/31/2024

NSF

(PI: Lee/Tottenham/Sajda)

Developing dyadic fMRI methodology to quantify and model human brain-to-brain interaction

Role: co-PI

10/1/19-9/30/22

NIA R01 AG058683-01A1

(PI: Widom)

*Child Maltreatment and Risk for Mild Cognitive Impairment and Alzheimer's Disease*

Role: co-I

01/01/2019 – 12/31/2021

Columbia University’s Center for Population Research

(PI: Houghton/Tottenham)

*Characterizing Stress Reactivity in Women and Children Exposed to Early-Life Stress*

Role: co-PI

03/01/2021-02/28/2022

National Institute of Mental Health (1R01MH111682)

*Impact of Trauma Exposure on Critical Periods in Brain Development*

(PI: Jovanovic)

Role: Co-Investigator

9/23/2016-9/22/2021

NIDA R34DA050287

(PI: Thomason)

Project Title: 4:4 Investigation of opioid exposure and neurodevelopment (iOPEN)

Role: consultant

09/30/2019 – 03/31/2021

National Institute of Mental Health (1R15 MH113076-01A1)

*Impaired future-oriented cognition and adolescent suicide risk*

(PI: Cha)

Role: Consultant

03/01/2018-02/28/2021

Sackler Innovation Grant

(PI: Fifer/Tottenham)

*Corticolimbic Circuit Development in Children exposed Prenatally to SSRIs*

Role: co-PI

*11/1/2017-10/31/2019*

 National Institute of Mental Health (1R01MH111640)

 *Functional Brain Networks Mediating Individual Differences in Valence Bias*

(PI: Neta)

Role: Co-Investigator

 04/01/2017-03/31/2021

Seed Funds from NIA U24AG047867 Reversibility Network

(PI: Hensch/Fuligni/Tottenham)

*Early Life Stress and Adolescent Sleep*

Role: co-PI

08/01/2017-07/31/2018

Columbia University’s Center for Population Research

(PI: Tottenham/Champagne)

*Biological Plasticity and Childhood Academic Resilience following Early-life Adversity*

Role: co-PI

07/01/2017-06/30/2019

Presidential Scholars in Society and Neuroscience Faculty Seed Grants for Interdisciplinary Projects in Society and Neuroscience

(PIs: Goldman, Tottenham, Myers, Young)

*Role of Music on Electrocortical and Autonomic Functions in Boys and Girls with Autism Spectrum Disorder*

Role: co-I

07/01/2017-06/31/2019

National Institute of Mental Health (K08 MH103443)

*Neural, Inflammatory, and Genomic Mechanisms Underlying Risk for Depression in Adolescence*

(PI: Slavich)

Role: Consultant

4/1/2015 – 3/31/2019

National Institute of Mental Health (R01-MH103291)

*Child Maltreatment and Neural Systems Underlying Emotion Regulation*

(PI: McLaughlin)

Role: Consultant

6/2014-5/2019

 Mindset Scholars Network Foundation

 (PI: Cimpian/Tottenham)

*A Neurobehavioral Investigation of The Relationship Between Early Adverse Experiences and Learning Mindsets*

Role: co-PI

*1/1/2017-12/31/2018*

National Institute of Mental Health (R01MH091864)

Biobehavioral Research Awards for Innovative New Scientists (BRAINS)

(PI: Tottenham)

*Longitudinal Examination of Human Amygdala-vmPFC Development*

Role: PI

July 2010-June 2015

Dana Foundation

(PI: Tottenham)

*Epigenetic Restructuring of Human DNA following Early- Life Stress*

Role: PI

September 2012-December 2016

National Science Foundation

*The Neurodevelopment of Social Buffering and Fear Learning: Integration and Crosstalk* [Workshop Grant]

(PI: Gunnar)

Role: Co-Investigator

11/2014-10/2017

Provost's Grants Program for Junior Faculty who Contribute to the Diversity Goals of the University

(PI: Tottenham)

*Critical Periods for Intergenerational Fear Transmission in Humans*

Role: PI

01/01/2015-10/31/2016

Biomedical Research Seed Grants of the University of Nebraska

*Functional brain networks mediating a negativity bias in children*

(PI: Neta)

Role: Co-Investigator

01/13/2015 - 01/12/2016

NYSPI MRI Center Pilot Funds

(PI: Tottenham)

*Hippocampal memory consolidation across human development: Multivoxel correlation pattern persistence during post-encoding rest*

Role: PI

7/16/2015-7/15/2016

Frontiers of Innovation - Harvard Center for the Developing Child

(PI: Tottenham)

*“Using Safety Signals To Reduce Anxiety Following Early-Life Stress”*

Role: PI

4/2014-3/2015

NIMH SBIR (R43 HD072727-01)

*A Platform For Stimulus Presentation and Data Collection on Mobile Devices*

(PI: Tagliaferri, Zevin, Tottenham)

Role: co-PI

2/2013-1/2014

Seed funds UCLA CCN Imaging Center

*A Pilot Study on Early Adversity-Induced Acceleration of a Human Sensitive Period for Emotion Regulation*

(PI: Tottenham)

Role: PI

NSF Division of Behavioral and Cognitive Sciences

*Validation of the Child Affective Facial Expressions Set (CAFE)*

(PI: Lobue, Vanessa)

Role: Consultant

06/2012-05/2015

Seed Funds NIMH Early Experience, Stress, & Neurodevelopment Center (PI: Megan Gunnar)

*A Pilot Study on Early Adversity-Induced Acceleration of a Human Sensitive Period for Emotion Regulation*

(PI: Tottenham)

Role: PI

January 2013-December 2013

UCLA Faculty Diversity & Development

*Faculty Career Development Award*

Role: PI

2012-2013

UCLA Senate Travel Grant

2010, 2011, 2012

*Prevention Intervention for Drug Use and Related Behavior with Incarcerated Youth*

(PI: Leonard)

Role: Consultant

2009-2014

UCLA Faculty Diversity & Development

*Faculty Career Development Award*

Role: PI

2011-2012

Foundation for Psychocultural Research – Center for Culture, Brain, and Development Award

Role: PI

Jan 2010 – Dec 2010

UCLA Faculty Diversity & Development

*Faculty Career Development Award*

Role: PI

2009-2010

Autism Speaks/National Alliance for Autism Research

*The Role of Visual Experience in Facial Expression Processing in Children with ASD*.

(PI: Tottenham)

Role: PI

2006-2008

**FUNDING AS A TRAINEE**

National Institute of Health - Research Education Grant (T32)

Weill Cornell Medical College, Department of Psychiatry

2002-2004

University of Minnesota

Doctoral Dissertation Special Grant

2002-2003

Scholarship to Cold Spring Harbor Laboratory, provided by the John Merck Fund

2001

National Institute of Health - Research Education Grant (T32)

University of Minnesota

2000-2002

Graduate School Fellowship, University of Minnesota

1998-2000

**ADVISEE FUNDING**

2023-2027, National Institute of Health, F99/K00 (D-SPAN)

(PI: Anna Vannucci) Role: Mentor

2019-2021, Columbia Bridge to PhD

(PI: Syntia Hadis) Role: Mentor

2019-2022, National Science Foundation Graduate Research Fellowship

(PI: Paul Bloom) Role: Mentor

2018-2021, National Institute for Mental Health, F31 (NRSA)

(PI: Michelle VanTieghem) Role: Mentor

2018-2021, National Science Foundation Graduate Research Fellowship

(PI: Chelsea Harmon) Role: Mentor

2018-2019, APA’s Elizabeth Munsterberg Koppitz Fellowship

(PI: Michelle VanTieghem) Role: Mentor

2017-2022, NIMH K99/R00

(PI: Bridget Callaghan, Ph.D.) Role: Mentor

2017-2018, Columbia Bridge to PhD

(PI: Dilia Barboza) Role: Mentor

2016-2021, Gates Foundation

(PI: Chelsea Harmon) Role: Mentor

2017-2018 Sackler Parent Infant Project Postdoctoral Fellowship

(PI: Bridget Callaghan) Role: Mentor

2016-2017, American Australian Association - Sir Keith Murdoch Fellowship

(PI: Bridget Callaghan) Role: Mentor

2016-2018, NARSAD Young Investigator Grant

(PI: Bridget Callaghan) Role: Mentor

2014-2018, National Health and Medical Research Council (NHMRC) Early Career Fellowship

(PI: Bridget Callaghan) Role: Mentor

2014-2017, National Science Foundation Graduate Research Fellowship

(PI: Michelle VanTieghem) Role: Mentor

2013-2016, National Science Foundation Graduate Research Fellowship

*Development of resting-state functional connectivity between the amygdala and PFC*

(PI: Laurel Gabard-Durnam) Role: Mentor

2014-2017 Ruth L. Kirschstein National Research Service Award, F32HD081960

*The Development and Regulation of Moral Emotions.*

(PI: Chelsea Helion) Role: Co-Sponsor

2015-2016 UCLA Dissertation Fellowship

(PI: Bonnie Goff) Role: Mentor

2012-2013, UCLA Graduate Research Mentorship Fellowship

(PI: Laurel Gabard-Durnam) Role: Mentor

2011-2012 UCLA Chancellor’s Prize

(PI: Laurel Gabard-Durnam) Role: Mentor

**PUBLICATIONS** (students and trainees are underlined; last authorship indicates seniority;
\* indicates shared authorship position):

1. Winn, M.T. & **Tottenham, N.** (in press) Looking Back to Look Forward: Leveraging Historical Models for Future-Oriented Caregiving. *Daedelus*.
2. Yates, T. S.\*, Sigwebela, S.\*, Seedat, S., Milham, M. P., du Plessis, S., Abramson, L., Niemiec, E., Worthman, C. M., Rotheram-Borus, M. J., Salum, G. A., Franco, A. R., Zuanazzi, A., Ahmed, F., Gemmell, K., Christodoulou, J., Mhlaba, N., Mqhele, N., Ngalimane, N., Sambudla, A., **Tottenham, N.\*,** Tomlinson, M.\* (in press). Investigative approaches to resilient emotion regulation neurodevelopment in a South African birth cohort. *Biological Psychiatry: Global Open Science.*
3. Opendak M, Meyer HC, Callaghan BL, Abramson L, John SR, Bath K, Lee FS, **Tottenham N,** & Sullivan M (in press). Understanding the development of a functional brain circuit: Reward processing as an illustration. *Translational Psychiatry.*
4. **Tottenham, N.** & Vannucci, A. (in press). Attachment as Prediction: Insights from Cognitive and Developmental Neuroscience. *Current Directions in Psychological Science.*
5. Vannucci A**,** Fields A, Heleniak C, Bloom PA, Nikolaidis A, Douglas IJ, Harmon C, vanTieghem M, Gibson L, Camacho NL, Hadis SS, Dozier M, Milham MP\*, **Tottenham N**\*. (in press). Machine learning for identifying caregiving adversities associated with greatest risk for mental health problems in children. *Nature Mental Health.*
6. Kathios, N., Bloom, P. A., Singh, A., Bartlett, E., Algharazi, S., Siegelman, M., Shen, F.,  Beresford, L., DiMaggio-Potter, M., Bennett, S., Natarajan, N., Ou, Y., Loui, P., Aly, M.\*, & **Tottenham, N\*.**  (2024). On the role of familiarity and developmental exposure in music-evoked autobiographical memories. *Memory*.
7. Vannucci, A., Fields, A., Bloom, P.A., Camacho, N.L., Choy, T., Durazi, A., Hadis, S.S., Harmon, C., Heleniak, C., VanTieghem, M., Dozier, M., Milham, M.P., Ghetti, S.\*, & **Tottenham, N.**\* (in press). Probing the content of affective semantic memory following early caregiving adversity. *Developmental Science*.
8. Abramson, L., Callaghan, B., Silvers, J. A., Choy, T., Van Tieghem, M., Vannucci, A., Fields, A., & **Tottenham, N.** (in press). The effects of parental presence on amygdala and mPFC activation during fear conditioning: An exploratory study. *Developmental Science.*
9. **Tottenham, N.** (in press). Developing the Neurobiology of Emotional Regulation. In the Handbook of Emotion Regulation, 3rd Edition. (Eds: Gross, J. & Ford, B.). Guilford Publishers.
10. Aloi, J, Crum, KI, Blair, KS, Zhang, R, Bashford-Largo, J, Bajaj, S, Hwang, S, Averbeck, BB, **Tottenham, N**, Dobbertin, M, and Blair, RJR (in press). Childhood neglect is associated with alterations in neural prediction error signaling and the response to novelty. *Psychological Medicine*.
11. Korom, M., Spielberg, J., Valadez, E. A., **Tottenham, N**., & Dozier, M. (in press). Preliminary Examination of the Effects of an Early Parenting Intervention on Amygdala-Orbitofrontal Cortex Resting-State Functional Connectivity Among High-Risk Children: A Randomized Clinical Trial. *Development and Psychopathology.*
12. Heleniak, C., Goff, B., Gabard-Durnam, L. J., Telzer, E. H., Humphreys, K. L., Lumian, D. S., Flannery, J.E., Caldera, C., Shapiro, M., Louie, J.Y. and Shen, F., Vannucci, A., Jain, M., Glatt, C.E., & **Tottenham, N.** (2024). Telomere Erosion and Depressive Symptoms Across Development Following Institutional Care. *Journal of the American Academy of Child & Adolescent Psychiatry*, *63*(3), 365-375.
13. Vannucci\*, A., Fields\*, A., Hansen EG, Katz A, Tachida A, Kerwin J, Martin N, & **Tottenham, N.** (2023). Interpersonal early adversity demonstrates dissimilarity from early socioeconomic disadvantage in the course of human brain development: A meta-analysis. *Neuroscience and Biobehavioral Reviews,* 105210*.*
14. Olsavsky, A.K., Chirico, I., Ali, D., Christensen, H., Boggs, B., Svete, L., Ketcham, K., Hutchison, K., Zeanah, C., **Tottenham, N**. & Riggs, P. (in press). Maternal Childhood Maltreatment, Internal Working Models, and Perinatal Substance Use: Is There a Role for Hyperkatifeia? A Systematic Review. *Substance Abuse: Research and Treatment*, *17*, p.11782218231186371.
15. Korom, M., Tabachnick, A. R., Sellers, T., Valadez, E. A., **Tottenham, N**., & Dozier, M. (2023). Associations between cortical thickness and parasympathetic nervous system functioning during middle childhood. *Psychophysiology*, 00, e14391.
16. Valadez, E. A., **Tottenham, N.**, Korom, M., Tabachnick, A. R., Pine, D. S., & Dozier, M. (2024). A randomized controlled trial of a parenting intervention during infancy alters amygdala-prefrontal circuitry in middle childhood. *Journal of the American Academy of Child & Adolescent Psychiatry*, *63*(1), 29-38.
17. Brieant, A., Vannucci\*, A., Nakua, H., Harris, J., Lovell, J., Brundavanam, D., **Tottenham, N.,** & Gee, D.G. (2023). Characterizing the dimensional structure of early life adversity in the Adolescent Brain Cognitive Development Study. *Developmental Cognitive Neuroscience, 61*, 101256*.*
18. Hoffmann, M.S., Moore, T.M., Axelrud, L.K., **Tottenham, N.,** Rohde, L.A., Milham, M.P., Satterthwaite, T.D. and Salum, G.A. (2023). Harmonizing bifactor models of psychopathology between distinct assessment instruments: Reliability, measurement invariance, and authenticity. *International Journal of Methods in Psychiatric Research*, p.e1959.
19. Bloom, P. A., Bartlett, E., Kathios, N., Algharazi, S., Siegelman, M., Shen, F., Beresford, L., DiMaggio-Potter, M., Singh, A., Bennett, S., Natarajan, N., Lee, H., Sajid, S., Joyce, E., Fischman, R., Hutchinson, S. J., Pan, S., **Tottenham, N\*.,** & Aly, M\*. (2023). Effects of familiar music exposure on deliberate retrieval of remote episodic and semantic memories in healthy aging adults. *Memory, 31* (3), 428-456.
20. Bloom, P.A., VanTieghem, M., Gabard-Durnam, L., Gee, D.G., Flannery, J., Caldera, C., Goff, B., Telzer, E.H., Humphreys, K.L., Fareri, D.S., Shapiro, M., Algharazi, S., Bolger, N., Aly, M., & **Tottenham, N**. (2022). Age-related change in task-evoked amygdala—prefrontal circuitry: a multiverse approach with an accelerated longitudinal cohort aged 4-22 years. *Human Brain Mapping, 43*(10), 3221-3244*.*
21. Gee, D.G., Hanson, C., Caglar, L.R., Fareri, D.S., Gabard-Durnam, L.G., Mills-Finnerty, C., Goff, B., Caldera, C.J., Lumian, D.S., Flannery, J., Hanson, S.J., **Tottenham,N.** (2022). Experimental Evidence for a Child-to-Adolescent Switch in Human Amygdala-Prefrontal Cortex Communication: A Cross-Sectional Pilot Study. *Developmental Science, 25(4),* e13238*.*
22. Fields, A., Silvers, J.A., Callaghan, B.L., VanTieghem, M., Choy, T., O’Sullivan, K., & **Tottenham, N.** (2022). Fear modulates parental orienting during childhood and adolescence. *Journal of Experimental Child Psychology, 221*, 105461*.*
23. Leal, A. S. M., Alba, L. A., Cummings, K. K., Jung, J., Waizman, Y. H., Moreira, J. F. G., Saragosa-Harris, N.M., Ninova, E., Waterman, J.M., Langley, A.K., **Tottenham, N.,** Silvers, J.A., & Green, S. A. (2022). Sensory processing challenges as a novel link between early caregiving experiences and mental health. Development and Psychopathology, 1-14.
24. Callaghan, B.L., Choy, T., O’Sullivan, K., Routhier, E., Cabrera, N., Goode, V., Klein, T., & **Tottenham, N.** (2022). Being the Third-Wheel: Toddlers use Bystander Learning to Acquire Cue-Specific Valence Knowledge. *Journal of Experimental Child Psychology, 219*, 105391.
25. Nikolaidis, A., Heleniak, C., Fields, A., Bloom, P.A., VanTieghem, M., Vannucci, A., Camacho, N.L., Choy, T., Gibson, L., Harmon, C., Hadis, S.S., Douglas, I.J., Milham\*, M.P., **Tottenham**\*, N. (2022). Heterogeneity in Caregiving-Related Early Adversity: Creating Stable Dimensions and Subtypes. *Development and Psychopathology, 34*(2), 621-634*.*
26. Ellis, B. J., Abrams, L. S., Masten, A. S., Sternberg, R. J., **Tottenham, N.,** & Frankenhuis, W. E. (2023). *The Hidden Talents Framework: Implications for Science, Policy, and Practice* (Cambridge Elements in Applied Evolutionary Science). Cambridge: Cambridge University Press.
27. Fields, A., Bloom, P.A., VanTieghem, M., Harmon, C., Choy, T., Camacho, N., Gibson, L., Umbach, R., Heleniak, C., & **Tottenham, N.** (2021). Adaptation in the face of adversity: Decrements and enhancements in children’s cognitive control following early caregiving instability. *Developmental Science, 24*(6), e13133*.*
28. Cohen, S.S., **Tottenham, N.,** & Baldassano, C. (2022). Developmental changes in story-evoked responses in the neocortex and hippocampus. *eLife, 11*, e69430*.*
29. Callaghan, B., McCormack, C., **Tottenham, N., &** Monk, C. (2022). Evidence for Cognitive Plasticity During Pregnancy via Enhanced Learning and Memory. *Memory, 30*(5), 519-536*.*
30. Meyer, H.C.^, Fields, A.^, Vannucci, A., Gerhard, D.M., Bloom, P.A., Heleniak, C., Opendak, M., Sullivan, R., **Tottenham N.,** Callaghan, B., & Lee, F. (2023). The added value of cross-talk between developmental circuit neuroscience and clinical practice to inform the treatment of adolescent anxiety. *Biological Psychiatry: Global Open Science*, *3* (2), 169-178.

\*\*Selected for Cover

1. Bianco, C.,  Sania, A.,  Kyle, M. H.,  Beebe, B.,  Barbosa, J.,  Bence, M.,  Coskun, L.,  Fields, A.,  Firestein, M. R.,  Goldman, S.,  Hane, A.,  Hott, V.,  Hussain, M.,  Hyman, S.,  Lucchini, M.,  Marsh, R.,  Mollicone, I.,  Myers, M.,  Ofray, D.,  Pini, N.,  Rodriguez, C.,  Shuffrey, L. C.,  **Tottenham, N**.,  Welch, M. G.,  Fifer, W.,  Monk, C.,  Dumitriu, D., & Amso, D. (2023). A Pandemic Beyond the Virus: Maternal COVID-related Postnatal Stress Is Associated With Infant Temperament. *Pediatric Research, 93*(1), 253-259.
2. Shuffrey, L.C., Firestein, M. R., Kyle, M., Fields, A., Alcántara, C., Amso, D., Austin, J., Bain, J. M.,  Barbosa, J., Bence, M., Bianco, C., Fernández, C., Goldman, S., Gyamfi-Bannerman, C., Hott, V., Hu, Y., Hussain, M., Factor-Litvak, P., Lucchini, M., Mandel, A., Marsh, R., McBrian, D., Mourad, M., Muhle, R., Noble, K., Penn, A., Rodriguez, C., Sania, A.,  Silver, W. G.,  O’Reilly, K. C., Stockwell, M., **Tottenham**, N., Welch, M. G., Zork, N., Fifer,W. P., Monk, C., Dumitriu, D. (2022). Association of birth during the COVID-19 pandemic with neurodevelopmental status at 6 months in infants with and without in utero exposure to maternal SARS-CoV-2 infection.*JAMA Pediatrics*, *176(6), e215563-e215563*.
3. Scopel Hoffmann, M., Moore, T.M., Kvitko Axelrud, L., **Tottenham, N.**, Zuo, X.N., Rohde, L.A., Milham, M.P., Satterthwaite, T.D. and Salum, G.A. (2022). Reliability and Validity of Bifactor Models of Dimensional Psychopathology in Youth. *Journal of Abnormal Psychology, 131*(4), 407.
4. Blair, K. S., Aloi, J., Bashford-Largo, J., Zhang, R., Elowsky, J., Lukoff, J., Vogel, S., Carollo, E., Schwartz, A., Pope, K. and Bajaj, S., **Tottenham, N.,** Dobberton, M., & Blair, R. J. (2022). Different forms of childhood maltreatment have different impacts on the neural systems involved in the representation of reinforcement value. *Developmental Cognitive Neuroscience*, *53,* 101051.
5. Stevens, J.S., van Rooij, S.J.H., Stenson, A.F., Ely, T.D., Powers, A., Clifford, A., Kim, Y.J., Hinrichs, R., **Tottenham, N**., & Jovanovic, T. (2021). Amygdala responses to threat in violence-exposed children depend on trauma context and maternal caregiving. *Development and Psychopathology, 1-12*. doi: 10.1017/S0954579421001085.
6. Fuligni, A.J., Chiang, J.J., & **Tottenham, N.** (2021). Sleep Disturbance and the Long-Term Impact of Early Adversity. *Neuroscience and Biobehavioral Reviews, 126*, 304-313*.*
7. Bloom, P. A., Douglas, I. J., VanTieghem, M., **Tottenham, N.,** & Callaghan, B. (2021). Using Gastrointestinal Distress Reports to Predict Youth Anxiety Risk: Implications for Mental Health Literacy and Community Care. *Developmental Psychobiology, 63(6), e22126.*
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25. **Tottenham, N.**, Tanaka, J., Leon, A.C., McCarry, T., Nurse, M., Hare, T.A., Marcus, D.J., Westerlund, A., Casey, B.J., Nelson, C.A. (2009). The NimStim set of facial expressions: judgments from untrained research participants. *Psychiatry Research, 168*(3), 242-249. PMC3474329

**\*\* Most cited article in this journal; Scopus**

1. **Tottenham, N.**, Hare, T.A., Casey, B.J. (2009). “A Developmental Perspective on Human Amygdala Function”. Chapter in *The Human Amygdala*; Eds.: Whalen, P.J. & Phelps, E.A.
2. (\*equal contributions, listed alphabetically) Casey\*, BJ, Glatt\*, C., **Tottenham\*. N,** Soliman, F., Bath, K., Amso, D., Altemus, M., Pattwell., S., Jones, R., Levita, L., Mezey, J., Clark, A., Gunnar, M., Thomas, K., Hempstead, B., McEwen, B., & Lee, F.S. (2009). BDNF as a model system for examining gene by environment interactions across development. *Neuroscience, 164(1),108-120.* PMC2760671
3. Hare, T. A., **Tottenham, N.**, Galvan, A., Voss, H. U., Glover, G. H., & Casey, B. J. (2008). Biological substrates of emotional reactivity and regulation in adolescence during an emotional go-nogo task. *Biological Psychiatry, 63*(10), 927-934. PMC2664095
4. Durston, S., Davidson. M.C., Mulder, M.J., Spicer, J.A., Galvan, A., **Tottenham, N.** Scheres, A., Castellanos, F.X., van Engeland, H. & Casey, B.J. (2007). Neural and behavioral correlates of expectancy violations in Attention-Deficit Hyperactivity Disorder, *Journal of Child Psychology and Psychiatry, 48* (9), 881 - 889*.*
5. Blau, V.C., Maurer, U., **Tottenham, N.**, & McCandliss, B.D. (2007). The face-specific N170 component is modulated by emotional facial expression. *Behavioral and Brain Functions, 3*:7. PMC1794418
6. **Tottenham, N.**, Leon, A.C., & Casey, B.J. (2006). The Face behind the mask: a developmental study. *Developmental Science*, 9 (3), 288-294.
7. Durston, S., Davidson, M.C., **Tottenham, N.**, Galvan, A., Spicer, J., Fossella, J.A., & Casey, B.J. (2006). A Shift from diffuse to focal cortical activity with development. *Developmental Science, 9*(1), 1-8.
8. Hare, T. A., **Tottenham, N.**, Davidson, M. C., Glover, G. H., & Casey, B. J. (2005). Contributions of amygdala and striatal activity in emotion regulation. *Biological Psychiatry, 57*(6), 624-632.
9. Casey, B.J., **Tottenham, N.**, Liston, C., & Durston, S. (2005). Imaging the developing brain: What have we learned? *Trends in Cognitive Science, 9*(3), 104-110.
10. Liston C., Watts R., **Tottenham** N., Davidson M.C., Niogi S., Ulug A.M., Casey B.J. (2005). Frontostriatal microstructure modulates efficient recruitment of cognitive control. *Cerebral Cortex, 16*(4), 553-560.
11. Noble, K.G., **Tottenham, N.**, & Casey, B.J. (2005). Neuroscience perspectives on disparities in school readiness. *Future of Children Special Issue - The Ethnic and Racial test score gap; School readiness and the first five years of life, 15* (1), 71-89.
12. Casey, B.J., Davidson, M.C., Hara, Y., Thomas, K.M., Martinez, A., Galvan, A., Halperin, J.A., Rodríguez-Aranda, C.E., & **Tottenham, N.** (2004). Early development of subcortical regions involved in non-cued attention switching. *Developmental Science, 7* (5), 534-542.
13. Davidson, MC, Horvitz, JC, **Tottenham, N.**, Fossella, JA, Watts, R., Ulug, AM, Casey, BJ. (2004). Differential cingulate and caudate activation following unexpected nonrewarding stimuli. *Neuroimage, 23,* 3, 1039-1045.
14. Durston S, **Tottenham** N, Thomas KM, Davidson MC, Eigsti IM, Yang Y, Ulug AM, Casey BJ. (2003). Differential patterns of striatal activation in young children with and without ADHD. *Biological Psychiatry, 53*(10):871-8.
15. Durston, S., Davidson, M.C., Thomas, K.M., Worden, M.S., **Tottenham, N.**, Martinez,A., Watts, R., Ulug , A.M., & Casey, B.J. (2003). Parametric manipulation of conflict and response competition using rapid mixed-trial event-related fMRI*. Neuroimage, 20*(4), 2135-2141.
16. (\*equal contribution, listed alphabetically) Davis\*, E., Parker\*, S., **Tottenham**\*, N., & Gunnar, M. (2003) “Neuroendocrinology: Emotion and Cognition.” Chapter to M. DeHaan & M.H. Johnson (Eds.), *The Cognitive Neuroscience of Development*. Sussex, England: Psychology Press, Ltd.
17. Casey, B.J., **Tottenham, N.**, Fossella, J. (2002). Clinical, imaging, lesion and genetic approaches toward a model of cognitive control, *Developmental Psychobiology 40*(3), 237-54.
18. Rotheram-Borus, M.J., Leonard, N.R., Lightfoot, M., Franzke, L.H., **Tottenham, N.**, & Lee, S.J. (2002). Picking up the pieces : caregivers of adolescents bereaved by parental AIDS, C*linical Child Psychology and Psychiatry, 7* (1), 115-124.
19. Monk, C. S., Zhuang, J., Curtis, W. J., Ofenloch, I., **Tottenham, N.**, Nelson, C. A., & Hu, X. (2002). Human hippocampal activation in the delayed matching- and nonmatching-to-sample memory tasks: an event-related functional MRI approach, *Behavioral Neuroscience, 116* (4), 716-21.
20. Gwadz, M., De Vogli, R., Rotheram-Borus, M. J., Diaz, M., Cisek, T., James, N., **Tottenham, N.** (1999). Behavioral practices regarding combination therapies for HIV/AIDS*. Journal of Sex Education and Therapy, 24,* 81-88.

(Manuscripts under review or in prep)

1. Harmon\*, C., Routhier, E., Dunn, H., Golden, S., Marcotte, S., MacMullin, L., Klein, T., **Tottenham**, **N.** (in prep). Parental Modulation of Reward Learning in Toddlerhood.
2. Zhong, D. & **Tottenham, N.** (in prep). Parental Interpersonal Competence Moderates Behavioral Problems in Previously-Institutionalized Youth: A longitudinal Study.
3. **Tottenham, N.** & Vannucci, A. (under revision). Attachment as Prediction: Insights from Cognitive and Developmental Neuroscience.
4. Laurel J. Gabard-Durnam, Takao K. Hensch, & Nim **Tottenham**. Music from a childhood sensitive period regulates emotion in adulthood
5. He\*, J., Vannucci\*, A., Meyer, M., & **Tottenham, N.** The potential of the medial prefrontal cortex to link mentalizing with attachment schemas.

**Preprints**

1. DeCross, S. N., Sambrook, K., Sheridan, M., **Tottenham, N.,** & McLaughlin, K. A., PhD. (2020, December 23). Dynamic Alterations in Neural Networks Supporting Aversive Learning in Children Exposed to Trauma: Neural Mechanisms Underlying Psychopathology. PsyArXiv. https://doi.org/10.31234/osf.io/pz9m5
2. Pinelli, F., Rossignac-Milon, M., **Tottenham, N.,** & Higgins, E. T. (2020). Self-Regulatory Systems in Childhood and Adolescence. PsyArXiv. April 8. doi:10.31234/osf.io/cvpd9.
3. Laurel J. Gabard-Durnam, Takao K. Hensch, Nim Tottenham. Music Reveals Medial Prefrontal Cortex Sensitive Period in Childhood. bioRxiv Sept 2018; doi: <https://doi.org/10.1101/412007>

**OTHER PUBLICATIONS**

1. **Tottenham, N**. (2016). Award for Distinguished Scientific Early Career Contribution to Psychology. *American Psychologist.*
2. **Tottenham, N.** *Instructor's Manual to Brain, Mind, and Behavior, 3rd Edition*, Bloom, F. and Nelson, C.A. New York: Worth Publishers, (2000).
3. **Tottenham, N.** & Davis E. (2000) *Manual on Cognitive Development*. Teaching Module for the Erikson Institute, Chicago.

**SPECIAL INVITED NATIONAL/INTERNATIONAL TALKS & INVITED WORKSHOPS**

2025 Invited Speaker, CerebrUM, University of Montreal

2024 Keynote, the Brazelton Institute, Boston Children’s Hospital

2024 Keynote, Nanyang Technological University/National Institute of Education, Singapore

2024 Keynote Speaker, Life Sciences Research Symposium, SUNY Albany, New York

2024 Keynote Speaker, Society for Emotion and Attachment Studies, Rouen, France

2023 Keynote, CPRC Children, Youth, and Families Mini-Conference

2023 Plenary Speaker, Association for Psychological Science, Washington DC

2023 Invited Speaker, Society for Research in Child Development

2023 Plenary Speaker, World Association for Infant Mental Health, Dublin, Ireland

2023 Aix Marseille University, Tutored Seminar, Marseille, France

2022 U of Nebraska-Boystown Human Neuroscience Speaker Series

2022 Neuropsychoanalysis Association, NY, NY

2022 Carolina Consortium on Human Development

2022 Danks “Leaders in Science”, Murdoch Children’s Research Institute, Australia

2022 Max Planck Munich Psychiatry Lecture Series, Germany

2022 Stanford University Center for Advanced Study in the Behavioral Sciences

2022 Midcareer Award Winner, Flux Society, Paris, France

2022 Keynote, Society for Social and Affective Neuroscience

2022 Daniel N. Stern Memorial Grand Rounds, Weill Cornell Medical College

2022 Keynote for the Annual Cognitive Science Meeting, Georgetown University

2021 Keynote Speaker, ATTACh

2021 Keynote Speaker, Society for Emotion and Attachment Studies

2020 Keynote, Connecticut Psychological Assn and the Connecticut Neuropsychological Society

2020 Keynote, International Neuropsychological Society Conference, Denver, CO

2020 Keynote, CUNY Neuropsychology Conference , NY, NY

2020 Keynote, George Washington Institute for Neuroscience, DC

2020 Anxiety and Depression Association of America, San Antonio, TX

2020 University of New South Wales, Australia

2020 Google

2020 Universität Dresden: Bühler-Kolloquium, Dresden, Germany

2019 American Psychoanalytic Association, NY, NY

2019 Keynote, Quinnipiac University’s School of Medicine, North Haven, CT

2019 Keynote Speaker, Pesso Boyden System Psychomotor Conference, Prague, Czech R

2019 Natl Acad of Sciences, Engineering, and Medicine: “Brain Health Throughout the Lifespan”

2019 NIH/NIMH Development & Environment in RDoC Workshop Planning Committee

2019 Plenary Speaker, Society for Biological Psychiatry, Chicago, IL

2019 Keynote Speaker, International Conference on Pesso Boyden System Psychomotor, Prague

2019 Keynote Speaker, NEURON: Quinnipiac University’s School of Medicine, North Haven, CT

2019 Minnesota Symposium, Minneapolis, MN

2018 International Society for Developmental Psychobiology, San Diego, CA

2018 Longhorn Distinguished Speaker, UT Austin

2018 Association for Psychological Science, APS Annual Convention, San Francisco, CA

2018 Neurobiology of Stress Conference, Banff, Canada

2018 Synapsy: The Neurobiology of Mental Health, Geneva, Switzerland

2018 Discovery Talks Lecturer, British Columbia Children's Hospital Research Institute, Canada

2017 American Psychosomatic Society, Berkeley, CA

2017 Hunter College’s Center for Translational and Basic Research Symposium, NY, NY

2017 Swiss Center for Affective Sciences, Geneva, Switzerland

2017 NIDA/NIAAA “Cutting Edge Seminar” Neuroscience Workshop, Bethesda

2017 NICHD 50th Anniversary of the Division of Intramural Population Health Research, Bethesda

2017 NIH/Kennedy Center Music and Health Initiative Winter Workshop, Bethesda

2017 Society for Research in Child Development, Keynote Speaker, Austin, Tx

2017 American Academy of Child and Adolescent Psychiatry, Research Symposium

2017 Harvard’s Center on the Developing Child: Community of Practice on Play, Boston, MA

2017 Robert Wood Johnson Foundation, Cognitive Adaptations to Childhood Stress Workshop

2017 World Science Festival, New York, NY

2017 Gordon Conference on the Amygdala, North Easton, MA

2017 Irene Jakab Memorial Lecture, U of Pittsburgh, Pittsburgh, PA

2016 New York Psychoanalytic Institute

2016 American Museum of Natural History

2016 Society for Personality and Social Psychology, SPSP Emotion Preconference

2016 UC Davis MIND Institute Distinguished Lecturer Series

2016 NIH “Reversibility” Network, New York, NY

2016 Keynote Speaker, Dyadic Developmental Psychotherapy Institute, Stony Point, NY

2016 UN Conference on Youth Mental Wellbeing, New York, NY

2016 American Academy of Child and Adolescent Psychiatry, Research Symposium, New York, NY

2016 Cell Press LabLinks “Emotion and the Brain”, New York, NY

2016 Robert Wood Johnson Foundation, Cognitive Adaptations to Childhood Stress, Salt Lake City, UT

2016 Ernst Strüngmann Forum, Frankfurt, Germany

2016 Erice Centre, Early Experience And Sensitive Periods In Development, Italy

2016 International Congress on Infant Studies, New Orleans, LA

2016 International Developmental Psychobiology Winter Meeting, Turks & Caicos

2016 Bridging the Gap: Clinical application of attachment theory, Salt Lake City, UT

2015 American Museum of Natural History

2015 Weill Cornell Medical College, Sackler Grant Rounds

2015 Society for Research in Child Development, Philadelphia, PA

2015 Society for Biological Psychiatry, Toronto, Canada

2015 Society for Affective Science, San Francisco, CA

2015 American College of Neuropsychopharmacology, Plenary Speaker, Hollywood, FL

2015 Sackler Memorial Lecture, Weill Cornell Medical College, New York, NY

2015 Swedish Society of Medicine, Neurobiology of Parenting, Stockholm, Sweden

2015 Rockefeller University, Reversibility Workshop, New York, NY

2015 Flux Congress, Invited Speaker, Leiden, the Netherlands

2015 Featured Speaker, Child Mind Institute, On the Shoulders of Giants Symposium, New York, NY

2015 Developmental Affective Neuroscience Symposium, University of Pittsburgh, Pittsburgh, PA

2015 Advances in Memory Systems, New York University, New York, NY

2015 Mortimer D. Sackler Summer Institute Invitee, New York, NY

2014 American College of Neuropsychopharmacology, AZ

2014 New York Academy of Sciences, New York City.

2014 Association for Psychological Science, San Francisco, CA.

2014 Society for Research in Adolescence, Austin, Tx.

2014 American Psychological Association, Div 6, Washington, DC.

2014 Society for Affective Neuroscience, Denver, CO. Anchor Speaker

2014 Webinar: Frontiers of Innovation Initiative at Harvard’s Center on the Developing Child

2014 Harvard’s Center on the Developing Child - Consortium on Toxic Stress and Health, Boston, MA

2014 Max Planck Institute, Leipzig, Germany

2014 Jacobs Foundation, Zurich, Switzerland

2014 American Psychological Association (Div 6), Behav Neuroscience & Comparative Psychology

2014 Mortimer D. Sackler Summer Institute, New York, NY

2013 American Academy of Child & Adolescent Psychiatry.

2013 Sackler Symposium, New York, NY.

2013 American Academy of Child & Adolescent Psychiatry, Orlando, FL.

2013 Association for Psychological Science, Washington, DC.

2013 Society for Research in Child Development, Seattle, WA.

2013 Society for Biological Psychiatry, San Francisco, CA.

2013 Anxiety and Depression Association of America, La Jolla, CA.

2013 Sackler Institute Symposium, Recent Advances in Infant Research Memorial for Daniel Stern, New York, NY

2013 Cold Spring Harbor Laboratories – Banbury Center. The Adolescent Brain, Long Island, NY

2013 Sackler Institute Symposium on Recent Advances in Infant Research, New York, NY

2013 Mortimer D. Sackler Summer Institute Invitee, New York, NY

2012 Int’l Soc for Dev Psychobiology, New Orleans, LA, Invited “Sackler Symposium” Address

2012 American College of Neuropsychopharmocology, Hollywood, FL

2012 Society for Neuroscience, New Orleans, LA

2012 American Academy of Child & Adolescent Psychiatry, San Francisco, CA

2012 La Foundation des Treilles, “Translational Developmental Neuroscience,” Nice, France.

2012 Anderson Center for Autism, Hyde Park, New York.

2012 Annual Wisconsin Symposium on Emotion, Madison, WI

2011 Imagination & Medicine III, Pacifica Graduate Institute, Santa Barbara, CA, Invited Speaker.

2011 Cornell University’s Biennial Urie Bronfenbrenner Conference: The Neuroscience of Risky Decision Making, Ithaca, NY.

2011 Gordon Conference on Amygdala in Health and Disease, Waterville, ME.

2011 Society for Neuroscience, Washington, DC

2011 NIMH, 2010 BRAINS Awards Ceremony, Bethesda, MD.

2011 Society for Biological Psychiatry, San Francisco, CA.

2011 Anxiety Disorders Association of America. New Orleans, LA.

2011 MIT/Harvard University/Boston University. Simmons Foundation,

2011-2013 Early Experience, Stress & Neurobehavioral Development Center

2010 International Society for Developmental Psychobiology, Manzanillo, MX.

2010 Society for Biological Psychiatry, New Orleans, LA.

2010 NIMH Special Meeting on Child Maltreatment Research, Bethesda, MD

2009 Society for Neuroscience, Chicago, Il.

2009 UC Berkeley, Conference on Neurocognitive Development, Berkeley, CA.

2009 John Merck Fund Summer Institute, Cornell University, Ithaca, NY.

2009 The Neuroscience of Emotion: From Reaction to Regulation, Tufts University, Boston, MA

2009 Mortimer D. Sackler, M.D. Summer Institute Invitee, New York, NY

2008 Society for Psychophysiological Research, Austin, Tx.

2008 Society for Research on Adolescence, Chicago, IL.

2007 Society for Research in Child Development, Boston, MA.

2006 International Society for Developmental Psychobiology, Cabos San Lucas, Mexico.

2006 New York Academy of Sciences: Frontiers of Science Series, New York.

2006 American Education Research Association, San Francisco, CA.

2005 American Academy of Child & Adolescent Psychiatry, Toronto.

2005 New York Academy of Sciences: Frontiers of Science Series, New York, NY.

2005 Society for Research in Child Development, Atlanta, GA.

2003 The John D. and Catherine T. MacArthur Foundation Research Network on Socioeconomic Status and Health, New York.

**CONFERENCE/MEETING ORGANIZATION**

Awards Committee: Flux Congress 2023-present

Trainee Representatives Committee Chair: *Flux Congress* 2018-present

Program Co-Chair: *Society for Research in Child Development* 2017-2023

Program Committee: *Society for Research in Child Development* 2017-2023

Co-Organizer: *Minnesota Symposium* 2019

Local Organizing Chair: *Flux Congress* 2019

New York, NY

Symposium Organizer: Cognitive Neuroscience Society 2018

Scientific Program Director: *Flux Congress* 2017

Portland, Oregon

Chair: NIH/NIA Reversibility Network 2017

New York, NY

Scientific Program Committee: Sackler Winter Meeting 2014-present

Symposium Organizer & Chair: 2017

*Society for Research in Child Development*

Scientific Program Committee: *Flux Congress* 2016-2018

St. Louis, MO.

NSF-funded Workshop: *The Neurodevelopment of Social Buffering 2015, 2016, 2017*

*and Fear Learning: Integration and Crosstalk*

Symposium Organizer & Co-Chair: International Society for 2015

Developmental Psychobiology, Washington, D.C.

Symposium selected as special *Sackler Symposium*

*Development of Limbic-Based Learning in Humans*

Symposium Chair: SRCD Symposium on Brain Development 2015

Symposium Organizer & Co-Chair: International Society for 2014

Developmental Psychobiology, Washington, D.C.

Symposium selected as special *Sackler Symposium*

Scientific Program Committee: Inaugural *Flux Congress* 2013

Pittsburgh, PA.

Funding Committee: Inaugural *Flux Congress* 2013

Pittsburgh, PA.

Symposium Organizer and Chair: *Biological Psychiatry* 2011

Symposium*: “*The Neurobiology of Emotional

Learning in Development”

Organizer & Chair : Society for Neuroscience 2009

Minisymposium: Developmental Affective Neuroscience Symposium

Organizer & Co-chair: Society for Research in Child Development 2009

Preconference: Culture, Brain, & Development Pre-Conference

Co-Director: John Merck Fund Summer Institute for 2005

Developmental Disabilities

 **INVITED COLLOQUIA/GRAND ROUNDS**

Princeton University Psychology Department, 2024; NYU Motivation Lab, 2022; Columbia University Psychiatric Epidemiology Training Program, 2022; Montefiore Medical Center, 2020; Stonybrook University, Department of Psychology, 2020; NYU Child Study Center Grand Rounds, 2020; Columbia Teachers College, 2019; McGill University (D. O. Hebb Lecture Series), 2019; SUNY Binghamton, 2019; Georgetown University, 2018; U of Maryland, 2018; UC Irvine, 2018; UT Austin, 2018; Mount Sinai, 2017; University of Minnesota, Child Development 2017; Mayo Clinic 2017; Queen’s University 2017; Cambridge University, MRC-CBU 2017; NY Medical College, 2017; Columbia University Teachers College, Neuroscience & Education 2017; Yale University, Current Works 2017; University of Delaware, Psychology 2017; University of Pennsylvania, Psychology 2016; Washington University, Psychology 2016; Yale Magnetic Resonance Research Center 2016; Nathan Klein Institute 2016; Emory University, Neuroscience 2016; University of North Carolina, Neuroscience 2016; Northeastern University, Psychology 2016; Columbia University, Psychiatry 2016; Northshore LIJ Hospital 2016; Center for Autism and the Developing Brain at New York-Presbyterian Hospital 2015; Yale University, Child Psychiatry 2015; NYU Psychology Department 2015; NYU Child Student Center 2015; NYU Applied Psychology Program 2015; Fordham University 2015; University of California, Berkeley 2015; Harvard University (Hensch Conte Center) 2015; Columbia Teachers College 2015; Yale University, Psychology 2015; Columbia University, Psychology 2014; CUNY Graduate Center 2014; Rutgers University 2014; University of Zurich 2014; USC Social Psychology Colloquium 2014; USC Children's Hospital Los Angeles 2014; UCLA Social Psychology Colloquium, 2013; California State University, Northridge, 2013; University of New Orleans, 2012; UC Irvine, 2012; California State University, Los Angeles, 2011; Johns Hopkins, 2011; UC Irvine 2010; Pacifica Graduate Institute, 2010; Azuza Pacifica, 2010; UCLA, 2009; Harbor-UCLA Medical Center, 2009; FPR-UCLA Center for Culture, Brain, and Development 2008; St. Vincent's Hospital, 2006; Cornell University, 2006; Pediatric Grand Rounds, Weill Cornell Medical School, 2006.

**PRESS/PUBLIC INTEREST**

1. Early-life stress/adversity
	1. NIH News in Health (July 2024)
2. Parent Effects on Brain Development
	1. <https://www.psychologytoday.com/intl/blog/parenting-translator/202405/new-research-finds-that-a-parents-presence-really-matters>
3. Toddler Development
	1. <https://barnard.edu/news/50-years-growing-toddler-center>
	2. <https://barnard.edu/magazine/fall-2019/serious-about-play>
	3. <https://barnard.edu/magazine/fall-2019/small-classroom-big-reach>
	4. <https://barnard.edu/magazine/winter-2014/building-lab-later>
4. COVID-19
	1. CNN: (April 2020) https://edition.cnn.com/2020/04/23/uk/key-worker-families-separated-by-coronavirus-gbr-intl/index.html
5. Wall Street Journal (October 2019) <https://www.wsj.com/articles/parents-need-to-help-their-children-take-risks-11571932922>
6. On separating children from their parents at the US Border
	1. Los Angeles Book Review Blog 07/15/2019 “Collateral Damage: The Known Traumas of Family Separation”
	2. La Presse, 2019
	3. Yahoo News. February 8, 2019, <https://news.yahoo.com/zero-tolerance-kids-might-never-get-parents-back-u-s-admits-174636409.html>
	4. *NBC Nightly News*, June 29, 2018, <https://www.nbcnews.com/nightly-news/video/what-impact-could-family-separation-have-on-children-s-health-1267100739618>
	5. *Los Angeles Times*, June 19, 2018, <http://www.latimes.com/science/la-sci-sn-separating-children-psychology-20180620-story.html>
	6. *NBC News*, June 19, 2018, <https://www.nbcnews.com/storyline/immigration-border-crisis/border-separations-show-why-we-don-t-have-orphanages-any-n884906>
	7. *PBS News Hour,* June 18, 2018, <https://www.pbs.org/newshour/health/how-the-toxic-stress-of-family-separation-can-harm-a-child>
	8. *Washington Post,* June 15, 2018, <https://wapo.st/2l9tIUe?tid=ss_mail&utm_term=.d91b1d72e4e8>
7. On brain-gut associations:
8. <https://www.parents.com/news/gut-issues-in-childhood-may-predict-future-mental-health-problems-study-says/>
9. <https://psychcentral.com/news/2019/04/02/trauma-related-gut-changes-in-kids-tied-to-future-mental-health-issues/144242.html>
10. <https://news.columbia.edu/news/gastrointestinal-complaints-children-could-signal-future-mental-health-problems>
11. <https://www.yahoo.com/news/gut-issues-childhood-may-predict-165359881.html>
12. <https://indianexpress.com/article/lifestyle/health/stomach-issues-in-kids-may-signal-future-mental-health-problems-study-5654396/>
13. <https://www.edexlive.com/news/2019/mar/31/children-suffering-from-trauma-could-be-at-risk-of-stomach-issues-later-in-life-5649.html>
14. <https://lokkhabarnews.com/detail/stomach-issues-in-kids-may-signal-future-mental-health-problems-study>
15. <http://www.millenniumpost.in/features/stomach-issues-signal-future-mental-problems-346955>
16. <https://www.consumeraffairs.com/news/researchers-find-link-between-childrens-stomach-issues-and-mental-health-040119.html>
17. <https://www.business-standard.com/article/news-ians/trauma-in-children-may-up-stomach-disorders-later-119033100199_1.html?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+westbengal-twitter+%28Top+News%29>
18. <https://www.misskyra.com/lifestyle/stomach-issues-could-signal-future-mental-health-issues-study/articleshow/68669029.cms?utm_source=amp_slider&utm_medium=referral&utm_campaign=TOI>
19. <https://pressfrom.info/ca/lifestyle/health/-128409-your-kid-s-intestinal-complaints-could-mean-mental-issues.html>
20. <http://hivemind.community/?p=11505>
21. <https://odishatv.in/health/trauma-in-children-may-up-stomach-disorders-later-361360>
22. <https://fit.thequint.com/mind-it/trauma-in-children-may-up-stomach-disorders-later-study>
23. <https://www.msn.com/en-us/health/health-news/your-kids-intestinal-complaints-could-mean-mental-issues/ar-BBVtewE?li=BBnbfcL&xid=17259%2C1500004%2C15700022%2C15700124%2C15700149%2C15700168%2C15700173%2C15700186%2C15700201>
24. <https://www.spring.org.uk/2019/03/poor-mental-health.php>
25. *Forbes,* February 20, 2017*,* [*https://www.forbes.com/sites/quora/2017/02/20/why-do-people-have-different-tastes-in-music/#78dce5c65666*](https://www.forbes.com/sites/quora/2017/02/20/why-do-people-have-different-tastes-in-music/#78dce5c65666)
26. *Never Stop Learning* [*https://www.youtube.com/watch?v=v9IDHbxF29k&list=PL4U2kBOIk\_sZhk-sYe9EWkf6HSMeN1mBA*](https://www.youtube.com/watch?v=v9IDHbxF29k&list=PL4U2kBOIk_sZhk-sYe9EWkf6HSMeN1mBA)
27. *The Smart Awesome Show – Smart People Doing Awesome Things*, October 2017
28. *Cerebrum* Podcast, August 2017
29. *Psychology Today*, October 2017, <https://www.psychologytoday.com/gb/blog/adopting-reason/201710/growing-too-fast-early-adversity-affects-fear-responses>
30. FrameWorks Institute - further public understanding of scientific and social problems by translating scholarly research on adolescent development. October 2016
31. *Wall Street Journal* “How Our Brains Respond to Race” January 6, 2016
<http://www.wsj.com/articles/how-our-brains-respond-to-race-1452094579?mod=rss_Books>
32. *Dr. Radio,* September 27, 2015
33. *Wall Street Journal* “How We Learn to Be Afraid of the Right Things” March 18, 2015 <http://www.wsj.com/articles/how-we-learn-to-be-afraid-of-the-right-things-1426687482>
34. *Jonah Lehrer Blog* “Learning to be alone,” October 2014 *(http://www.jonahlehrer.com/blog/2014/10/22/how-to-be-alone)*
35. *National Public Radio*, July 2014, “The Value of Play”
36. *National Public Radio*, February 2014 “[Orphans' Lonely Beginnings Reveal How Parents Shape A Child's Brain](http://www.npr.org/blogs/health/2014/02/20/280237833/orphans-lonely-beginnings-reveal-how-parents-shape-a-childs-brain?utm_campaign=storyshare&utm_source=share&utm_medium=facebook)” (<http://www.npr.org/blogs/health/2014/02/20/280237833/orphans-lonely-beginnings-reveal-how-parents-shape-a-childs-brain>)
37. *Science News*, August 13, 2013 (http://www.sciencenews.org/view/generic/id/352381/description/Racial\_homogeneity\_in\_early\_childhood\_may\_affect\_brain)
38. Medical Daily, October 18, 2012
39. *The Atlantic*, October 17, 2012
40. *Pittsburgh Post Gazette,* March 29, 2012
41. *Los Angeles Times*, May 30, 2011
42. *Time Magazine*, Vol 177, No. 11, March 21, 2011
43. NIMH Director’s Blog, February 18, 2011
44. ABC News
(<http://abclocal.go.com/wabc/story?section=news/health&id=6133399>) May 2008

**PROFESSIONAL SERVICE**

**NIMSTIM (STIMULUS SET SHARING):** Creation and Management of the NimStim Set of Facial Expressions– approximately 1000 downloads/year.

**GRANT REVIEWS**

NICHD: Biobehavioral and Behavioral Sciences Study Section 2021 - 2025

NIMH: Special Emphasis Panel 2016 - 2021

NSF Grant Review Panel*: Behavioral and Cognitive Sciences*  2015 - 2019

NSF College of Reviewers– grant review panel 2014 - 2018

Ad-hoc Grant Reviewer: NIMH 2013 - 2021

Ad-hoc Grant Reviewer: NSF 2013

Ad-hoc Grant Reviewer*:* Medical Research Council (UK) 2012

Grant Reviewer*:* U.S Department of Health and Human Services 2011

*Administration for Children and Families*

**OTHER PROFESSIONAL SERVICES**

Flux Congress Faculty Mentor 2024

Daniel Stern Memorial Lecture Award Committee 2023-2025

SRCD Review Panel Co-chair 2022-2023

hBCD (PI: Thomason/Berry): Community Advisory Board 2022-2027

NIA Reversibility Network Co-Investigator (1R24AG065174-01, 2020-2023
PI: Loucks, Sheridan, Godfrey

RDoC Development & Environment Planning Committee 2019

External Advisory Board of Conte Center (PI: Tallie Baram) 2019-present

Women in STEM panel, College of DuPage 2018

Board Member: Child Mind Institute 2017-present

Board Member: Flux Congress 2017-present

U of Minnesota NIMH T32 training grant in Developmental Psychopathology 2017-2021

Advisory Council for the Center on the Developing Adolescent 2017-2018

Scientific Advisory Board: Leipzig Research Center for Early 2016-2018

Child Development

Host for visiting scholar, Michelle Achterberg, Ph.D. (Leiden) 2016

S4SN Awards Committee 2015

ISDP Awards Committee 2015

Board Member: Society for Social Neuroscience 2014-2018

Board Member: International Society for Developmental Psychobiology 2014-2016

*Wiley* Advisory Board 2014

Host for visiting scholar, Sarah Jessen, Ph.D. (Max Planck) 2014

Reviewer for SRCD Biennial Meeting 2010-present

Emotion Research Group 2013-2017

Member: UCLA Brain Research Institute 2010-2014

Member: Intellectual and Developmental 2009-2014

Disabilities Research Center (UCLA – Tarjan Center)

Member: UCLA Intellectual and Developmental Disabilities 2009-2014

Research Center

**EDITORIAL DUTIES**

Associate Editor: *American Journal of Psychiatry 2020-present*

Ad hoc Editor, *PNAS* 2019

Guest Editor, *Developmental Cognitive Neuroscience* 2017-2018

Editorial Board: *Social Neuroscience* 2017-2019

Review Editor: Frontiers for Young Minds 2017-2019

Associate Editor: *Frontiers in Behavioral Neuroscience* 2014

Guest Editor for Special Issue on 2013

Development in *Biology of Mood & Anxiety Disorders*

Editorial Board: *Biology of Mood & Anxiety Disorders* 2010-2015

Review Editor: *Frontiers in Developmental Psychology* 2010-

Consulting Editor: *Emotion* 2010-2012

**AD HOC JOURNAL REVIEWS** American Journal of Psychology, Archives of General Psychiatry, Attention and Performance, Behavioral and Brain Functions, Behavioral and Brain Sciences, Biological Psychiatry, Cerebral Cortex, Child Development, Development and Psychopathology, Developmental Psychology, Developmental Science, Emotion, Frontiers in Behavioral Neuroscience, Frontiers in Human Neuroscience, Human Brain Mapping, International Journal of Behavioral Development, JAMA Psychiatry, Journal of Child Psychology & Psychiatry, Journal of Cognitive Neuroscience, Journal of Experimental Child Psychology, Journal of Neuroscience, Learning & Memory, Neuropsychologia, Neuroscience, Proceedings of the National Academy of Sciences, Psychiatry Research, , Psychological Bulletin, Psychological Science, Psychoneuroendocrinology, Psychopharmacology, Social, Cognitive, Affective Neuroscience, Social Neuroscience. (Total=30+)

**MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

 Flux Congress 2014-present

 Society for Social Neuroscience 2010-2016

 Anxiety and Depression Association of America 2013-2015

 American Psychological Society 2012-present

 Cognitive Developmental Society 2007-2013

 American Association for the Advancement of Science 2003-2008

 Society for Neuroscience 1999-2015

 Cognitive Neuroscience Society 1999-2012

 International Society for Developmental Psychobiology 1999-present

**UNIVERSITY SERVICE**

*at Columbia:*

Columbia University Presidential Teaching Award Committee (2024)

Columbia University Committee on Honors, Awards, and Prizes (2024)

Departmental Lecturer Search Committee (2024)

Departmental Curriculum Committee (2024)

Grant Reviewer: "Capturing Perspectives on Mental Health" Pilot Grant Program (2024)

Columbia Access Neuroscience (CAN) Faculty Blitz (2023)

Diversity Faculty Search Committee (2023)

Nightline Certification Supervision (2023)

Director of Graduate Studies, Psychology (2022-2023)

Provost's Tenure Review Advisory Committee (TRAC) (2022-2024)

Summer Internship Program in Psychological Science, Faculty Advisor (2022-2023)

Columbia Committee on Science Instruction (COSI) (2015-2016)(2022-2023)

Faculty Search Committee (2022-2023)

Provost Junior Faculty who Contribute to Diversity Goals Grants, Reviewer (2018-present)

Neurobiology Graduate Program, Internal Advisory Board (2018-2019)

Zuckerman Mind, Brain, Behavior Institute: Human Cognitive Imaging Board (2017-present)

Presidential Scholars in Society and Neuroscience (PSSN) Advisory Board (2017-2023)

Founder/Faculty Mentor: Columbia University Chapter of Psi Chi (2017-present)

Co-Founder of Columbia University’s Center for Trauma (2016-present)

Psychology Department Colloquium Organizer (2016-2023)

Graduate Admissions Committee (2015-2023)

Director of Undergraduate Studies (Honors), Psychology Department (2015-present)

CUMC T32 Research Fellows in Child Psychiatry (2015-2020)

Schermerhorn Hall Space Committee (2018-2021); Chair (2019-2021); (2022-2023)

Precision Medicine and Society Steering Committee (2017-2018)

Research Initiatives in Science & Engineering (RISE) grant reviewer (2015-2021)

Target of Opportunity Faculty Hiring Committee (2020)

Faculty Budget Sub-Committee on Master’s Degrees (2020)

Arts & Sciences COVID-19 Ramp Up Committee (2020)

Psychology COVID-19 Ramp Up Committee (2020)

Masterplan for Natural Sciences (Leader for Neuroscience subcommittee) (2019)

Columbia Psychology By-Laws Committee (2019-2021)

Admissions Committee, Bridge to PhD (2018-2020)

Bridge Scholars Mentor/Faculty (2016-2018)

Faculty Search Committee (2015-2020)

NSOP Science and Mathematics Panel (2015)

 *at UCLA:*

UCLA Psych Dept Long-Term Facilities Planning Committee (2013 – 2014)

UCLA Diversity Science Initiative (2012-2014)

UCLA Legislative Assembly Committee member (2012-2014)

FPR-CBD Fellowship Committee (2011-2014)

UCLA Merit Review Committee Alternate (2010-2014)

Committee on the Jeffrey Lecture in Cognitive Neuroscience (2009-2014)

UCLA Undergraduate studies committee (2009-2014)

UCLA Infant Development Program (2008-2014)

UCLA Applied Developmental Psychology Minor (2008-2014)

UCLA Developmental Area Admissions Committee (2008-2014)

**PUBLIC SERVICE**

 Public Outreach:

Moravian Academy, Engineering, Medicine, and Biology Society (2024) – Invited Speaker

The Family Initiative, *Child & Family Blog* (2021)*,* <https://www.childandfamilyblog.com/early-childhood-development/neuroscience-parental-influence-shape-our-experiences/>

College Neuro Network Podcast (2020)

Stuyvesant High School Pstuychology Club (2020) - Keynote

ThriveNYC, Trauma Smart Training (2020) - Keynote

ThriveNYC, Trauma Smart, Documentary Discussant (2020)

Dana Foundation ‘Secret Science Club’ outreach (2019)

SRCD: “The Science of Childhood Trauma and Family Separation: A Discussion of Short- and Long-Term Effects” Webinar (2018)

NYC Brain Bee Competition, City College of NY (2019)

Adoption and Foster Family Coalition NY Annual Conference, Speaker (2019)

Adoption/Foster Care Therapist Network (Board Member) (2017-present)

Legal Aid Society 2017

United Nations – IBREA presentation (2016)

Science Festival at the School at Columbia (2015-present)

Teen Science Tour for the World Science Festival (2015-present)

UNICEF Mental Health and Psychosocial Support Strategy Development (2015)

Neuroleadership: The Brain at School (2015)

Presentations to the Morris Heights Health Center, Bronx (2015)

Presentations to the Bronx Family Court (2014)

Collaboration with Artists: Watermill Center for the Arts (2014, 2015)

Families with Children adopted from China (2012, 2013)

Presentations to the Los Angeles Children’s Court (2009)

 Scientific Outreach:

*Crafting an academic talk* - Sensitive Periods: A Flux Society Podcast <https://www.buzzsprout.com/2024695/12011256>

**ADDITIONAL EDUCATION**

 Multilevel Modeling Course (Jennifer Krull) 2013

**TEACHING**

 **Graduate**

*Social and Emotional Development*

*Developmental Affective Neuroscience Psychobiology*

*Developmental Neurobiology of Fear*

*Early Experiences & Sensitive Periods*

UCLA Psychiatry Residents: Developmental Affective Neuroscience

**Undergraduate**

*Honors Seminar (Fall)*

*Honors Seminar (Spring)*

*Developmental Psychology*

*Methods in Developmental Psychology*

*Developmental Psychology Honors Seminar*

**MENTORING**

POSTDOCS

*Present*

Tristan Yates, Ph.D. (2022-present)

Lior Abramson, Ph.D. (2021-present)

Andrea Fields, Ph.D. (2023-present) (co-mentoring with Dima Amso)

*Former*

Charlotte Heleniak, Ph.D. (2018-2023)

Rebecca Umbach, Ph.D. (2018-2020), current: User Researcher, Google

Bridget Callaghan, Ph.D. (2014-2019), current: Assistant Professor, UCLA \*APS Rising
 Star

Jennifer Silvers, Ph.D. (2014-2016) current: Associate Professor, UCLA \*APS Rising Star

Dominic Fareri, Ph.D. (2013-2015) current: Associate Professor, Adelphi University, \*APS

 Rising Star

 *Additional mentoring*

Joyana Gamble-George, Ph.D. (2022-present) NYU T32 program

Aviva Olsavsky, M.D. (2021 – 2025) NIDA K12 Career Development Award

 Sonya Troller-Renfree, Ph.D. (2021-2023) NIMH K99 co-Mentor (primary: Kim Noble)

Shula Green, Ph.D. (2016-2018) NIMH K08 co-Mentor

DOCTORAL STUDENTS

*Present*

Anna Vannucci, Columbia graduate student (2019-present), F99/K00 grantee

NaEun Oh, Columbia graduate student (2023-present)

*Former*

Andrea Fields, Columbia graduate student (2017-2022), current Postdoc Columbia University

Chelsea Harmon, Columbia graduate student (2016-2022), current Evaluation Associate at Brockport Research Institute, Visiting Assistant Professor at Western Washington University

Paul Bloom, PhD, Columbia graduate student (2017-2022), current Postdoc Columbia University Medical School

Michelle VanTieghem, PhD, Columbia graduate student (2014-2020), current Data Scientist at Virta Health

Bonnie Goff, UCLA graduate student (2011-2016) current: Lecturer, UCLA

Laurel Gabard-Durnam, Columbia graduate student (2011-2016) Current: Assistant Professor, Northeastern University

Dylan Gee, Ph.D. UCLA graduate student [co-mentor with Ty Cannon] (2011-2015) current: Associate Professor, Yale University, \*APS Rising Star

Kate Humphreys, Ph.D. UCLA graduate student [co-mentor with Steve Lee] (2010-2015) current: Associate Professor, Vanderbilt University, \*APS Rising Star

Eva Telzer, Ph.D., UCLA graduate student [co-mentor with Andrew Fuligni & Adriana Galvan] (2008-2012) current: Associate Professor, University of North Carolina

Aviva Olsavsky, M.D., UCLA Psychiatry Resident (2010-2014): 2014 NIMH Outstanding Resident Award; AACAP Robinson-Cunningham Award is given for the best manuscript written by a child and adolescent psychiatrist during residency training current: Assistant Professor, University of Denver

Luke Li, PhD, UCLA graduate student (2008-2011) current: Google

Shula Green, Ph.D., UCLA graduate student [primary: Baker] (2013-present) current:

 Assistant Professor, UCLA Psychiatry

Jennifer Louie, Ph.D., UCLA graduate student [primary: Lau] (2008-2013)

Mariel Kyger, Ph.D., UCLA graduate student [primary: Sandhofer] (2010-2013)

 MASTERS STUDENTS

 Claire O’Leary (2020-2023)

 Nicole Gavrilova (2020-2024)

 Gabriela Rodrigues, M.A. (2017-2019)

 Laura Alba, M.A. (2015-2017), current: Doctoral Student, UC Davis

 Danruo Zhong, M.A. (2015-2017), Outstanding Achievement Award, current: Doctoral
 Student, U Minnesota

 Marta Korom, M.A. (2015-2017), current: Doctoral Student, U Delaware

 UNDERGRADUATE THESIS

 Camila Vicioso

 Madeline Mariani

 Sophia Arnaboldi

SRI mentor of Stephanie Martinez-Lopez (2023)

 HIGH SCHOOL STUDENTS

 Kristine Tan (Staten Island Technical High School) (2022-present)

**ADVISEE AWARDS**

* 2024 International Society for Developmental Psychobiology Sandra G. Wiener Award (Anna Vannucci)
* 2023-2027 NIH F99/K00 D-SPAN (Anna Vannucci)
* 2023 Kamal S. Bahary Fellowship in Neuroscience (Anna Vannucci)
* 2023 SRCD best dissertation award (Lior Abramson)
* 2023 University Leadership and Excellence Award, Columbia University (Camila Vicioso)
* 2023 Columbia General Studies Service Award (Daniela Juarez)
* 2022 Israel Science Foundation (ISF) scholarship for postdoctoral researchers in social science. (Lior Abramson)
* 2022 Presidential Award for Outstanding Teaching by a Graduate Student Instructor, Columbia University (Paul Bloom)
* 2022 American Psychological Association: Division 7 Dissertation Research Grant in Developmental Psychology (Andrea Fields)
* 2022 Graduate Women in Science National Fellowship, Honorable Mention (Anna Vannucci)
* 2021 Haruv institute postdoctoral scholarship for research in child maltreatment (Lior Abramson)
* 2021 Rothschield foundation postdoctoral scholarship for outstanding researchers (Lior Abramson)
* 2021 Hebrew University's postdoctoral scholarship for excellent female researchers (Lior Abramson)
* 2021 American Psychological Foundation: APF/COGDOP Graduate Student Research Scholarship (Andrea Fields)
* 2021 Society for Research in Child Development: SECC Dissertation Research Funding Award (Andrea Fields)
* 2021 Frank Putnam Trauma Research Scholar, ISTSS (Anna Vannucci)
* 2019 ISDP Best Poster Award (Paul Bloom)
* 2018 ISDP Sandra G. Wiener Student Investigator Award (Michelle VanTieghem)
* 2018 Kucharski Young Investigator Award ISDP (Jennifer Silvers, Ph.D.)
* APA’s 2018 Elizabeth Munsterberg Koppitz Fellowship (Michelle VanTieghem)
* Sir Keith Murdoch Fellowship from the American Australian Association 2016 (Bridget Callaghan)
* Columbia Psychology Department of Psychology 2015 Smith Award (Laurel Gabard-Durnam)
* International Society for Developmental Psychobiology Dissertation Award 2014 (Bridget Callaghan)
* UCLA 2014 Michael Goldstein Dissertation Award (Kate Humphreys)
* APA Division 12's recipient of the 2013 Distinguished Student Service in Clinical Psychology Award (Kate Humphreys)
* Charles E. Young Grad Student Award 2013 (Kate Humphreys)
* UCLA 2013 Mautner Award (Dylan Gee)
* APA 2012 Elizabeth Munsterberg Koppitz Child Psychology Graduate Student Fellowship (Dylan Gee)
* 2012 Society for a Science of Clinical Psychology Dissertation Award  (Dylan Gee)
* 2012 APA Anne Anastasi Graduate Student Research Award (Dylan Gee)

**THESIS COMMITTEES**

Marta Korom (2024) (U Delaware)

Christopher Medina-Kirchner (2024) (Columbia)

Rushell Dixon (2023) (Columbia Neurobiology Student)

Bernie Chen (2023) (prospectus) (U Delaware)

Andrea Fields (2023) (Columbia) **- PI**

Paul Bloom (2022) (Columbia) **- PI**

Chelsea Harmon (2022) (Columbia) **- PI**

James Dunlea (2022) (Columbia)

Sydney Krueger (2022) (Columbia)

Anna Kotsatos (2021) (Columbia TC)

Camila Demaestri (2021: qualifying exam, 2023: thesis, Columbia Neurobiology Student)

Michelle VanTieghem (2021) (Columbia) **- PI**

Ellen Tedeschi (2020, Chair) (Columbia)

Morgan Firestein (2019) (Columbia)

Ellen Tedeschi (2019) (Columbia)

Jocelyn Shu (2018) (Columbia)

Rebecca Martin (2017) (Columbia)

Bruce Dore (2016) (Columbia)

Anahid Modrek (2016) (Columbia TC)

Laurel Gabard-Durnam (2016) (Columbia) **- PI**

Bonnie Goff (2016) (UCLA) **- PI**

Jacob Sawyer (2016) (Columbia TC)

Erica Diminich (2015) (Columbia TC)

Rosemarie Perry (2015) (NYU)

Miriam Den (2015) (U of Melbourne, Australia)

Juliet Davidow (2014) (Columbia)

Wei Li (2014) (UCLA)

Patty Renno (2014) (UCLA)

Emily Barkley-Levenson (2013) (UCLA)

Colleen Carpinella (2013) (UCLA)

Natalie Bencuya (2012) (UCLA)

Joe Yi (Joey) Fung (2011) (UCLA)

Dylan Gee (2013) [Co-Chair] (UCLA) **- coPI**

Kathryn Humphreys (2014) [Co-Chair] (UCLA) **- coPI**

Kristen Gillespie-Lynch (2012) (UCLA)

Hojin Kim (2013) (UCLA)

Mariel Kyger (2013) [Co-Chair] (UCLA) **- coPI**

Luke Li (2012) (UCLA) **- PI**

Jennifer Louie (2013) [Co-Chair] (UCLA) **- coPI- coPI**

Nicole Starace (2012) (UCLA)

Robert Spunt (2012) (UCLA)

**Additional Mentoring/Pipeline Development:**

The Leadership Alliance Mentor (2020)

Provide science internships for high school students

Riverdale Country School (2023)

Bergen County Academies (2016-present)

Herbert H. Lehman High School in the Bronx (2015-2019)

 Chapin School (2015-2018)
 Mt. Hebron High School’s (2015-2019)

Bridge to PhD Mentor (2016-2023)

Hypothe-kids Summer Internships (2016-2020)

 *McNair Scholars Program* (2008-2012)

 **OTHER CONFERENCE PRESENTATIONS**

(Collaboration with the MET Museum in NYC) Kalter, J. & Tottenham, N. (2017). Emotional Learning, Empathy, and the Role of Art: A Research Study. National Art Education Association, NY, NY.

*STUDENT TALKS (\*students)*

Abramson\*, L.**,**Callaghan, B., Silvers, J., Choy, T., Van Tieghem, M., Vannucci, A., Fields, A., & **Tottenham, N.** (August 2023). The effects of parental presence on amygdala and mPFC activation during fear conditioning: An exploratory study. *Social Neuroscience of Relationships, Attachment & Caregiving Conference*. Hybrid conference, presented online.

Vannucci\* A, Vicioso C, Fields A, Abramson LA, Niemiec E, Juarez DG, Joyce E, Gibson L, **Tottenham** N. Neural meaning making of early caregiving experiences: the developmental neurobiology of affective semantic memory. Paper to be presented at: International Society for Developmental Psychobiology; July, 2023; Utrecht, Netherlands.

Abramson,\* L., Callaghan, B., Silvers, J., Choy, T., Van Tieghem, M., Vannucci, A., Fields, A., & **Tottenham, N.** (March 2023). The effect of parental presence on frontolimbic activation during aversive fear conditioning.*To be presented at the**biennial conference of the Society for**Research of Child Development (SRCD),*Salt Lake City, Utah, USA.

Zhong\*, D., Choy T., Flannery, J., Caldera, C., Goff, B., Gabard-Durnam, L., Humphreys, K., Gee, D., Telzer, E., Shapiro, M, **Tottenham, N.** Parental Interpersonal Ease Moderates Behavioral Problems following Early Previously-Institutional Care: A Longitudinal Study. Society for Research in Child Development Biennial Meeting. Salt Lake City, UT. March 23-25, 2023.

Vannucci\* A, Vicioso C, Fields A, Heleniak C, Hadis SS, Durazi A, Ghetti S^, **Tottenham** N^. Probing the content of affective semantic memory structures following caregiving-related early adversities. Paper to be presented at: International Society for Developmental Psychobiology Annual Meeting; November, 2022; San Diego, CA.

Singh, A., Bloom, P.A., Bartlett, E., Kathios, N., Algharazi, S., **Tottenham**, N., and Aly, M., (November 2021). Temporal Structure of Episodic and Semantic Details within Autobiographical Memory Recall. Data Blitz presented at the Harvard Women in Psychology Trends in Psychology Summit.

Brieant, A., Nakua, H., Harris, J., Vannucci\*, A., Lovell, J., Brundavanam, D., **Tottenham, N**., & Gee, D. (2021). *Data-driven dimensions of early-life adversity in the Adolescent Brain Cognitive Development Study.*Poster accepted for presentation at the International Society for Developmental Psychobiology hybrid meeting, Chicago, IL.

Bloom\*, P.A., VanTieghem, M., Gabard-Durnam, L., Gee, D., Flannery, J., Caldera, C., Telzer, E., Humphreys., K.L., Fareri, D., Shapiro, M., Bolger, N., Aly, M., and **Tottenham**, N. (April, 2021). Age-related change in stimulus-elicited amygdala–prefrontal circuitry: a longitudinal multiverse approach. Flash talk presented at the Society for Research in Child Development Biennial Meeting, Virtual.

Callaghan\*, B.L., Gasser, C., Silvers\*, J., VanTieghem\*, M., Fields\*, A., Choy\*, T., Bloom\*, P., Harmon\*, C., Tompary, A., Davachi, L., **Tottenham, N.** Hippocampal multivoxel encoding signatures predict long-term memory across middle childhood and adolescence in humans. Flux Congress: New York City, NY, 2019.

Gabard-Durnam\*, L., Fareri\*, D. Goff\*, B., Flannery\*, J. Gee\*, D.G., Caldera\*, C., Telzer\*, E., Humphreys\*, K., Shapiro\*, M., **Tottenham, N.** (2017). Society for Research in Child Development, Austin, Tx.

Callaghan\*, B., Fields\*, A., Gabard-Durnam\*, L., Gee\*, D.G., Caldera\*, C., Humphreys\*, K., Goff\*, B., Flannery\*, J., Telzer\*, E.,  Shapiro\*, M., & **Tottenham,** N. (2017). Society for Research in Child Development, Austin, Tx.

Gee\*, D.G., Goff\*, B., Gabard-Durnam\*, L., Caldera\*, C., Fareri\*, D.S., Lumian\*, D.S. Flannery\*, J., & **Tottenham, N.** (2017). International Society for Developmental Psychobiology.

Silvers\*, J.A., Callaghan\*,, B., O'Sullivan\*,, K., Van Tieghem\*,, M., & **Tottenham,** N.  (2017). Society for Research in Child Development, Austin, Tx.

Silvers\*, J.A., Lumian\*, D.S., Gabard-Durnam\*, L., Gee\*, D.G., Goff\*, B., Fareri\*, D.S., Caldera\*, C. Flannery\*, J., Telzer\*, E.H., Humphreys\*, K. L., & **Tottenham, N.** (2016). International Society for Developmental Psychobiology.

Gabard-Durnam, L.\*, Gee, D.G\*, Goff, B., Flannery, J., Telzer, E; Humphreys, K; Lumian, D; Fareri, DS; Caldera, C; **Tottenham**, N. (2015) Annual Brain Imaging Center Symposium, Icahn School of Medicine, Mt. Sinai, New York City

Gabard-Durnam\*, L., & N. **Tottenham** (2015) NY Social & Affective Neuroscience Gathering, New York City

Gabard-Durnam\*, L. (2015) Sackler Institute for Developmental Psychobiology, Weill Cornell Medical College, New York City

Telzer\*, E. & **Tottenham**, N. 2013 Social & Affective Neuroscience Society, San Francisco, CA.

Gabard-Durnam\*, L., & **Tottenham**, N. (2015) Society for Neuroscience, Chicago, Il

Fareri\* DS, Gabard-Durnam\* L, Goff\* B, Flannery\* J, Gee\* DG, Lumian\* DS, Caldera\* C, **Tottenham** N.  (2015).   Society for Neuroscience, Chicago, IL.

Callaghan\*, B.L. Cowan, C., **Tottenham**, N., & Richardson, R. (2015). National Science Foundation Conference on Maternal Buffering, Arlington

Gabard-Durnam\*, L., Gee\*, D.G, Goff\*, B., Flannery\*, J., Telzer\*, E; Humphreys\*, K; Lumian\*, D; Fareri\*, DS; Caldera\*, C; **Tottenham**, N. (2015). Society for Research in Child Development, Philadelphia, PA.

Gabard-Durnam\* (2015). Columbia University Department of Psychology, New York City

Gabard-Durnam\* (2015). Columbia University, Emeritus Professors in Columbia Annual Meeting, New York City

Silvers\*, J.A., Lumian\*, D.S., Gabard-Durnam\*, L., Gee\*, D.G., Goff\*, B., Fareri\*, D.S., Caldera\*, C., Flannery\*, J., Telzer\*, E., Humphreys\*, K.L., & **Tottenham**, N. (2015) Social and Affective Neuroscience meeting, New York, NY.

Silvers\*, J.A., Lumian\*, D.S., Gabard-Durnam\*, L., Gee\*, D.G., Goff\*, B., Fareri\*, D.S., Caldera\*, C., Flannery\*, J., Telzer\*, E., Humphreys\*, K.L., & **Tottenham**, N. (2015). Society for Neuroscience, Chicago, IL.

Gee\*, D.G., Fareri\*, D., Caldera\*, C., Goff\*, B., Gabard-Durnam\*, L., Monti, M., Jovanovic, T., Casey, B.J., **Tottenham**, N. (2015). Social and Affective Neuroscience meeting, New York University, New York, NY.

Gee\*, D.G., Gabard-Durnam\*, L., Flannery\*, J., Goff\*, B., Humphreys\*, K., Telzer\*, E.H., Hare, T.A., Bookheimer, S.Y., **Tottenham**, N. (2015) Anxiety and Depression Association of America, Miami, FL.

Gee\*, D.G., Goff\*, B., Gabard-Durnam\*, L., Flannery\*, J., **Tottenham**, N. (2015). Anxiety and Depression Association of America, Miami, FL.

Gee\*, D.G., Gabard-Durnam\*, L., Telzer, E.H., Humphreys, K.L., Goff, B., Shapiro, M., Flannery, J., Lumian, D.S., Fareri, D.S., Caldera, C.J., **Tottenham**, N. (2015). Invited talk at Social and Affective Neuroscience Society, Boston, MA.

Goff\*, B., Gabard-Durnam\* L., Gee\*, D. G., Flannery\*, J., Lumian\*, D. L., Fareri\*, D. S., Caldera\*, C., **Tottenham**, N. (2014) Society for Neuroscience, Washington, D.C.

Gabard-Durnam, L\*; Gee, DG\*; Goff, B; Flannery, J; Telzer, E; Humphreys, K; Lumian, D; Fareri, DS; Caldera, C; **Tottenham**, N.  Society for Neuroscience, Washington, D.C.

Fareri\*, D.S., Gabard-Durnam\*, L., Goff\*, B., Flannery\*, J., Gee\*, D.G., Lumian\*, D.S., Caldera\*, C., **Tottenham**, N.  (2014) Society for Neuroscience, Washington, D.C.

Gabard-Durnam\*, L., Flannery\*, J., Goff\*, B., Gee\*, D., Telzer\*, E., Humphreys\*, K., Hare, T., **Tottenham**, N.  (2013) Society for Neuroscience, San Diego, CA.

Gee\*, D.G., **Tottenham**, N. (2012). Society for Neuroscience, New Orleans, LA.

*OTHER ORAL & POSTER PRESENTATIONS (\*trainees)*

Sellers, T., Chen, H. W. B., Flagg, A. M., Tabachnick, A. R., **Tottenham, N**., & Dozier, M. (2024, October). Associations between respiratory sinus arrhythmia and white matter connectivity among children with and without histories of Child Protective Services involvement. Accepted for presentation at the annual meeting of the International Society for Developmental Psychobiology, Chicago, IL.

Yates\* T. S., Callaghan B. L., Silvers J. A., VanTieghem M., Choy T., O’Sullivan, K., Davachi L., &  **Tottenham N**. (2024, September). Episodic memory encoding and reinstatement in the developing brain: A consideration of early caregiving experiences. Poster presentation at: Flux Congress; October, 2024; Baltimore, MD.

Vannucci A\*, Yates TS, Vicioso C, Fields A, Niemiec E, Juarez DG, Joyce E, Gibson L, Milham MP, Baldassano C, **Tottenham N**. Neural representations of attachment schemas following caregiving-related early adversity. Poster presentation at: Flux Congress; October, 2024; Baltimore, MD.

Vannucci\* A, Vicioso C, Fields A, Abramson LA, Niemiec E, Joyce E, Juarez DG, Gibson L, **Tottenham N**. Parental unpredictability is associated with broader medial prefrontal-subcortical circuitry recruitment during affective schema processing in human development. Poster to be presented at: Society for Neuroscience; November, 2023; Washington, DC.

**Tottenham, N**. Oral presentation at ACII Meeting & Exhibition, September, 2023, Cambridge, MA.

Vannucci\* A, Vicioso C, Fields A, Abramson LA, Niemiec E, Juarez DG, Joyce E, Gibson L, **Tottenham** N. Midline cortico-amygdala circuitry supports affective semantic memory processes during development. Poster be presented at: Flux Congress for Developmental Cognitive Neuroscience; September, 2023; Santa Rosa, CA.

Brieant, A., Vannucci\*, A., Nakua, H., Harris, J., Ward, D., **Tottenham**, N., & Gee, D.G. (September 2023). Dimensions of early-life adversity co-occurrence and associations with cortico-limbic functional connectivity in the ABCD Study. Poster accepted for presentation at the Flux Congress, Santa Rosa, CA.

Joyce\*, E, Vannucci A, Juarez, DG, Vicioso C, **Tottenham** N. Insecure schema narratives are associated with present-focused temporal representations following early caregiving adversity. Poster to be presented at: International Society for Developmental Psychobiology; July, 2023; Utrecht, Netherlands.

Lee\*, C. S., Cohen, S. S., Hutchinson, S., **Tottenham**, N., Baldassano, C. (July 2023). Individual differences in narrative and neural representations of attachment schemas in children. Poster Presentation at the Organization for Human Brain Mapping, Montreal, CA.

Lee, R.F., Friedman, J., O’Brian, M., Ren, Z, Hong, L., Sajda, P., and **Tottenham**, N., "A Brain-Behavior Interaction Analysis for Dyadic Brain Responses during Eye Contact between Parents and Children", Proceeding for ISMRM 2023 Annual, Toronto, ON, Canada, 03-08 June 2023

Lee, R., Friedman, J., O'Brien, M. , Ren, Z., Hong, L., Sajda, P., & **Tottenham, N**. A Brain-Behavior Interaction Analysis for Dyadic Brain Responses during Eye Contact between Parents and Children. ISMRM.

Fields\*, A., Ferrara, R., Smyke, S., Hansen, E., Klein, T.^, & **Tottenham, N^.** (November, 2022). Parents as privileged sources of information during instructed fear. Poster presented at the International Society for Developmental Psychobiology Annual Meeting, San Diego, CA.

Vicioso\* C, Vannucci A, Fields A, Heleniak C, Bloom P, VanTieghem M, Gibson L, Camacho N,  Hadis S, Abramson L, **Tottenham** N. *Later caregiving predictability and irritability in children following early-life caregiving instability.*Poster to be presented at: International Society for Developmental Psychobiology Annual Meeting; November, 2022; San Diego, CA.

Lee, R., Friedman, J., Khadar, A., Karaiskaki, A., Gura, N., O’Brien, M., Sajda, P., & **Tottenham, N.** “Brain-to-brain interaction in parent-child eye contact”, (2022) ISMRM annual meeting, poster # 1735

Lee, R., Khader, A., Friedman, J., Gura, N., Karaiskaki, A., **Tottenham, N**., & Sajda, P., “Data-driven brain-to-brain coupling models of eye contact: in-person vs. online. (2021) th annual brain initiative investigators meeting, poster # 5044.

Brieant, A., Vannucci, A., Nakua, H., Harris, J., **Tottenham, N**., & Gee, D.G. (September 2022). *Leveraging Data-Driven Approaches and Big Data to Conceptualize Dimensions of Childhood Adversity in the ABCD Study.* Poster accepted for presentation at the Society for Research in Child Development Special Topic Meeting (Holistic Developmental Science), St. Louis, MO.

Gavrilova, N., Bloom, P. A., Camacho, N. L., Choy, T., Heleniak, C., Hadis, S., Gibson, L., Fields, A., Vannucci, A., Harmon, A., **Tottenham**, N.\*, Callaghan. B.\* (November 2021). Associations Between Gastrointestinal Symptoms and Anxiety in Youth with Caregiving Disruptions. Poster presented at the Harvard Women in Psychology Trends in Psychology Summit. \* Shared senior authorship.

Singh, A., Bloom, P.A., Bartlett, E., Kathios, N., Algharazi, S., **Tottenham**, N., and Aly, M., (October 2021). Temporal Structure of Episodic and Semantic Details within Autobiographical Memory Recall. Poster presented at the oSTEM Conference.

Durazi\*, A., Fields, A., Bloom, P., Vannucci, A., Heleniak, C., VanTieghem, M., Harmon, C., Hadis, S., Gibson, L., Camacho, N., Choy, T., & **Tottenham**, N. (2021, November 10-12). *Can racial and ethnic socialization buffer against adversity-related anxiety following institutional care abroad?* [Poster presentation]. International Society for Developmental Psychobiology, Chicago, Illinois.

Fields\*, A., VanTieghem\*, M., Vannucci\*, A., Shen\*, F., Bloom\*, P.A., Harmon\*, C., Choy\*, T., Camacho\*, N., Gibson\*, L., Heleniak\*, C., Shohamy, D., & **Tottenham**, N. (November, 2021). Associations between Caregiving-Related Early Adversity and Children’s Behavioral and Neural Representations of Effort-Based Persistence. Poster presented at the International Society for Developmental Psychobiology Annual Meeting, Chicago, IL.

Vannucci\*, A., Fields\*, A., Hansen\*, E., Katz\*, A., Tachida\*, A., Kerwin\*, J., Martin\*, N., & **Tottenham, N.** (September, 2021). Early life adversity exposure and brain structure across development: A region-of-interest (ROI) meta-analysis. Flux Congress, Virtual.

Hansen\*, E., Fields\*, A., Vannucci\*, A., Heleniak\*, C., Bloom\*, P.A., VanTieghem, M., Harmon, C., Hadis, S., Gibson, L., Choy, T., Camacho, N., Durazi, A., & **Tottenham**, N (2021, November). Child-parent security as a moderator of the association between early caregiving instability and separation anxiety. Poster presented at the International Society for Developmental Psychobiology Annual Meeting, Chicago, IL.

Hadis\*, S., Muradoglu\*, M., VanTieghem\*, M., Bloom\*, P. A., Camacho\*, N., Choy\*, T., Fields\*, A., Gibson\*, L., Harmon\*, C., Heleniak\*, C., Vannucci\*, A., Cimpian\*, A., and **Tottenham**, N. (April 2021). Growth Mindsets, Cognitive Development and Mental Health Outcomes in Children exposed to Caregiving-Related Early Adversity. Poster presented at the Society for Research in Child Development Biennial Meeting.

Harmon\*, C., Routhier, E., Dunn, H., Golden, S., Marcotte, S., MacMullin, L., Klein, T., **Tottenham**, N. (April 2021). Social Modulation of Reward Learning during the Toddler Period. Poster presented at The Virtual Biennial Society for Research in Child Development.

Martin\*, N., Vannucci\*, A., Patel, S., Shah, M., Katz, A., Shustik, M., and **Tottenham**, N. (April 2021). Depressive and anxiety symptoms in late adolescents correlate with greater affective sensitivity to emotional schema acquisition. Poster presented at The Virtual Biennial Meeting for the Society for Research in Child Development.

Patel\*, S., Vannucci\*, A., Martin\*, N., Shah\*, M., Katz\*, A., Shustik\*, M., and **Tottenham**, N. (April 2021). Childhood caregiving unpredictability and emotional schema-based learning and adaptation. Poster presented at The Virtual Biennial Meeting for the Society for Research in Child Development.

Katz\*, A., Vannucci, A., Fields, A., Heleniak, C., Bloom, P.A., Hadis, S., Gibson, L., Camacho, N., Choy, T., Milham, M., and **Tottenham**, N. (April 2021). Role of Developmental Timing of Early Caregiving Adversity in Later Life Anxiety Symptoms During Childhood. Poster presented at The Virtual Biennial Meeting for the Society for Research in Child Development.

Bloom\*, P. A., Bartlett, E., Kathios, N., Algharazi, S., Siegelman, M., Shen, F., Beresford, L., DiMaggio-Potter, M., **Tottenham**, N., and Aly, M. (March 2021). Effects of familiar music exposure on retrieval of remote episodic and semantic memories in healthy aging adults. Poster presented at the Cognitive Neuroscience Society Annual Meeting.

Fields\*, A., Silvers, J.A., Callaghan, B., VanTieghem, M., Choy, T., O’Sullivan, K., and **Tottenham**, N. (October, 2020). Fear reduces attentional orienting to parents during childhood/adolescence. Flash talk presented at Virtual International Society for Developmental Psychobiology.

Fields\*, A., Bloom, P.A., Tachida, A., Vannucci, A., Douglas, I., Camacho, N., Gibson, L., Hadis, S., Choy, T., Heleniak, C., and **Tottenham**, N. (September, 2020). Generalization of learned fear in children exposed to early caregiving adversity. Poster presented at Virtual Flux Congress.

Vannucci\*, A., Douglas, I.J., Fields, A., Nikolaidis, A., DeRosa, J., Heleniak, C., Bloom, P.A., Hadis, S., vanTieghem, M., Gibson, L., Camacho, N.L., Choy, T., Milham, M.H., & **Tottenham**, N. (October, 2020). Identifying specific attributes of early caregiving adversities that predict heterogeneity in dimensions of child psychopathology. International Society for Developmental Psychobiology, Virtual.

Vannucci\*, A., Douglas, I., Fields, A., Nikolaides, A., Heleniak, C., Bloom, P.A., vanTieghem, M., Gibson, L., Hadis, S., Camacho, N., Choy, T., Milham, M., & **Tottenham**, N. (September, 2020). Characterizing heterogeneity in psychopathology among children exposed to early caregiving adversity. 2020 Virtual Flux Congress.

Wainsztein\* A, Callaghan B & **Tottenham** N. Attachment Figure Priming Alters Affective Learning and Autonomic Reactivity in Adults. Society of Biological Psychiatry's 2020 Annual Meeting; 2020 April 30-May 2;  New York, NY.

Fields\*, A.,Bloom\*, P. A., Harmon\*, C., VanTieghem\*, M., Choy\*, T., Camacho\*, N., Gibson\*, L., Umbach\*, R., Heleniak\*, C., and **Tottenham, N**. (October 2019). Disruptions in caregiving associated with both cognitive control impairments and enhancements in childhood. Poster presented at The Annual Meeting for the International Society for Developmental Psychobiology, Chicago, IL.

Fields\*, A.,Bloom, P. A., Harmon, C., VanTieghem, M., Choy, T., Camacho, N., Gibson, L., Umbach, R., Heleniak, C., and **Tottenham, N**. (August 2019).Cognitive control and generalizability across different subtypes of caregiving adversity. Poster presented at Flux Congress, New York, NY.

Bloom\*, P.A., Fields, A., Choy, T., Camacho, N., Gibson, L., Hess, S., Rodrigues, G., Lincoln, M., Umbach, R., Heleniak, C., Shohamy, D., & **Tottenham, N.**Exploring alternative models for school-aged children's behavior during the two-stage task. Poster presented at Flux Congress. August 2019, New York, NY

Bloom\*, P.A., VanTieghem, M., Gabard-Durnam, L., Gee, D., Flannery, J., Caldera, C., Goff, B., Telzer, E., Humphreys, K,. Shapiro, M., & **Tottenham, N.**Multiverse Analysis Strategies for Developmental fMRI. Poster presentation at the International Society for Developmental Psychobiology. October 2019, Chicago, IL

M. VanTieghem\*, P.A. Bloom\*, A. Fields\*,  C. Harmon\*, T. Choy\*, N. Camacho\*, L. Gibson\*, R. Umbach\*, C. Heleniak\*, D. Shohamy,**N. Tottenham.** (2019).  Preregistration: Neural and behavioral mechanisms of persistence to setbacks during childhood. Poster presented at Flux Congress.

Choy\*, T., Humphreys\*, K., Gee\*, D., Gabard-Durnam\*, L., Goff\*, B., Telzer\*, E., Flannery\*, ., Caldera\*, C., **Tottenham**, N. (2019). *Cognitive Empathy following Early Institutional Care: Associations with Cognitive Control.* Poster presented at International Society for Developmental Psychobiology, Chicago, IL.

Tanner, G. R., **Tottenham**, N., Francone, V., Frye, C. A., Basu, A. C., Trapani, J. G., Linden, M. L., Ahern, T. H., & Betz, A. J. (2019).The 32nd northeast undergraduate and graduate research organization for neuroscience (NEURON) conference held at Quinnipiac University’s Frank H. Netter M.D. School of Medicine in North Haven, CT. Poster at SFN 2019.

Goldman, S., Isler, J., Yamane, N., Wyne, S., Myers, M. & **Tottenham, N.** (2019). *An EEG Study of Speech and Music Processing in Children with Autism Spectrum Disorder.* Poster at the Biennial Meeting of the Society for Music Perception and Cognition.

**Tottenham, N.** (2019). Early Environments and Emotional Brain Development. Talk at the Eastern Psychological Association.

**Tottenham, N.** (2019). Consequences of Early Life Adversity: Neurobiological and Public Health Perspectives. Talk at the American Academy for the Advancement of Science.

Reed, H.\*, Wusinich, C., Fields\*, A., Rodriguez, D. Fifer, W., & **Tottenham**, N. (2018). Postnatal Limbic Connectivity and Later Emotional Development. Poster presented at AACAP.

VanTieghem\*, M., Korom\*, M., Flannery\*, J., Varman\*, L., Choy\*, T., Caldera\*, C., Gabard-Durnam\*, L., Goff\*, B., Gee\*, D., Humphreys\*, K., Telzer\*, E., Shapiro\*, M.,  Louie\*, J. Y., Fareri\*, D., Bolger\*, N., **Tottenham, N.** *Developmental trajectories of stress physiology and neurobiology following early caregiving adversity.* Poster presented at Flux Congress, Berlin Germany (August 2018).

Fields\*, A.,Harmon\*, C., Lee\*, Z., Louie\*, J.Y., & **Tottenham, N.** (November 2018). Parental anxiety mediates the association between normative stress exposure and preschool behavior. Poster presented at The International Society for Developmental Psychobiology, San Diego, CA.

Bloom, P.A.\*, VanTieghem, M.\*, Gabard-Durnam\*, L.J., Gee\*, D.G., Flannery\*, J., Caldera\*, C., Goff\*, B., Telzer\*, E.H., Humphreys\*, K.L., Shaprio\*, M., & **Tottenham, N.** (2018). Longitudinal Change in Amygdala Reactivity to Emotional Faces from Early Childhood Through Young Adulthood. Poster presented at the International Society for Developmental Psychobiology

VanTieghem\*, M., Fields\*, A., Choy\*, T., Callaghan\*, B., Silvers\*, J., Wilbrecht, L., **Tottenham, N.** Developmental changes in four-choice reversal learning coincide with pubertal onset. Poster presentation at Flux Congress, Portland OR (September 2017) and ISDP, Washington, DC (November 2017).

VanTieghem\*, M., Telzer\*, E., Gabard-Durnam\*, L., Flannery\*, J., Goff\*, B., Gee\*, D.G., Humphreys\*, K.L., Caldera\*, C., Shapiro\*, M., Louie\*, J., **Tottenham, N.** (April, 2017).  *Neurobiological and Hormonal Predictors of Internalizing Psychopathology Following Early Institutional Caregiving*. Talk presented in paper symposium at the Society for Research on Child Development Biennial meeting, Austin Tx.

Knobloch, H. S., Kim, E. J., Gabard-Durnam\*, L., Hodgson, N., Fudge, J. L., **Tottenham**, N., Lee, F. S., Cameron, J. L., Hensch, T. K. (2017). “Prefrontal cortex BDNF levels and anxiety reversal in females after early life stress.” Poster presented at the Society for Neuroscience.

**Tottenham**, N. (2016). “Caregiver-Deprivation Related Depression is Predicted by Telomere Weathering and Nucleus Accumbens Hypoactivity.” Oral presentation at SRCD.

Alba\*, L., Flannery\*, J., Shapiro\*, M., Caldera\*, C., Goff\*, B., Gabard-Durnam\*, L., Humphreys\*, K., Telzer\*, E., Louie\*, J., & **Tottenham, N**. Working Memory Mediates the Association between Early Institutional Care and Separation Anxiety in Adolescence. Poster presented at the Society for Research in Child Development.

VanTieghem\*, M., Wilbrecht, L., **Tottenham, N.** (2017). Developmental change in four-choice reversal learning coincides with puberty onset.Poster presented at the Flux Congress.

Callaghan\*, B.L., Choy\*, T., O’Sullivan\*, K., Routhier, E., Koutruba, N., Goode, V., Klein, T. & **Tottenham, N.** (2017). Threat Learning Via Emotional Eavesdropping In The Toddler Period. Poster presented at the International Society for Developmental Psychobiology.

Silvers\*, J.A., Goff\*, B., Gabard-Durnam\*, L.J., Gee\*, D.G., Fareri\*, D.S., Caldera\*, C. & **Tottenham, N.** (2017). The Amygdala as A Biological Link Between Adversity and Anxiety. Poster Presented at The International Society for Developmental Psychobiology.

Harmon\*, C.M.,Gabard-Durnam\*, L., Gee\*, D.G., Goff\*, B., Fareri\*, D.S., Caldera\*, C., Flannery\*, J., Telzer\*, E.H., Humphreys\*, K.L., & **Tottenham, N**. (2017). Earlier and Atypical Structural Connectivity Following Early Caregiver Deprivation. Poster Presented at The International Society for Developmental Psychobiology.

VanTieghem\*, M.R.,Wilbrecht, L., & **Tottenham, N.** (2017). Developmental Change in Four-Choice Reversal Learning Coincides With Puberty Onset. Poster Presented at The International Society For Developmental Psychobiology.

Gabard-Durnam, L.\* & **Tottenham**, N. (2017). A childhood sensitive period for medial prefrontal cortex regulatory signal learning. Poster presented at the Society for Research in Child Development.

Callaghan\*, B., Fields\*, A., **Tottenham**, N. (2016). Microbiome alterations following early parental deprivation in the developing human: Links to anxiety and emotion neurobiology. Poster presented at New York Academy of Sciences: Advances in Human Microbiome Science: Gut-Brain Interaction, New York, NY.

Silvers\*, J., Callaghan\*, B., O’Sullivan\*, K., VanTieghem\*, M., & **Tottenham, N**. (2016). Transgenerational transmission of learned fears via observational conditioning, Poster presented at the Flux Congress.

VanTieghem\*, M., Telzer\*, E., Gabard-Durnam\*, L., Flannery\*, J., Goff\*, B., Gee\*, D., Humphreys\*, K., Caldera\*, C., Shapiro\*, M., Louie\*, J., **Tottenham, N**. (2016). The effects of early adversity on amygdala- prefrontal circuitry during emotional face processing in children and adolescents. Poster presented at the Flux Congress.

Harmon\*, C.M.,Gabard-Durnam\*, L., Gee\*, D.G., Goff\*, B., Fareri\*, D.S., Caldera\*, C., Flannery\*, J., Telzer\*, E.H., Humphreys\*, K.L., & **Tottenham, N**. (2017). Earlier and atypical structural connectivity following early caregiver deprivation.Poster presented at the Flux Congress.

Callaghan\*, B.L., Gee\*, D.G., Gabard-Durnam\*, L., Fields\*, A., Caldera\*, C., Humphreys\*, K.L., Goff\*, B., Flannery\*, J., Telzer\*, E.H., Shapiro\*, M., & **Tottenham, N**. (2016). The Neuroenvironmental Loop of Plasticity: Parental & Peripheral Regulation Of Emotion Neurobiology Across The Lifespan. Poster presented at the International Society for Developmental Psychobiology.

VanTieghem\*, M., Telzer\*, E., Gabard-Durnam\*, L., Flannery\*, J., Goff\*, B., Gee\*, D., Humphreys\*, K., Caldera\*, C., Shapiro\*, M., Louie\*, J., **Tottenham, N**. (2016). The Effects Of Early Adversity On Amygdala-Prefrontal Circuitry During Emotional Face Processing In Children And Adolescents. Poster presented at the International Society for Developmental Psychobiology.

Odriozola, P., Dajani, D.R., Burrows, C.B., Gabard-Durnam\*, L.J., Gee, D.G., **Tottenham**, N., Uddin, L.Q. (2016). Atypical development of amygdala functional connectivity in autism: a cross-sectional study. Poster presented at Flux Congress, St. Louis, MO.

**Tottenham**, N., Gee\*, D.G., Gabard-Durnam\*, L. (2015). The Caregiver Stimulus and Development of Human Amygdala-mPFC Circuitry. Oral presentation given at the Society for Research in Child Development, Philadelphia, PA.

VanTieghem\*, M., Gabard-Durnam\*, L., Flannery\*, J., Goff\*, B., Gee\* D.G., Humphreys\*, K., Telzer\*, E., Caldera\*, C., Hare, T., and **Tottenham**, N. (April 2015). The effects of early adversity on emotional appraisal: Implications for amygdala-prefrontal circuit development. Poster presentation at Social Affective Neuroscience Society Annual Meeting, Boston, MA.

VanTieghem, M.\*, Gabard-Durnam, L.\*, Flannery\*, J., Goff\*, B., Gee\* D.G., Humphreys\*, K., Telzer\*, E., Caldera\*, C., Hare, T., and **Tottenham**, N. (May 2015). Effect of early adversity on emotional appraisals: Implications for amygdala-prefrontal circuit development. Poster presented at Association for Psychological Science, New York, NY.

Fareri\* DS, Gabard-Durnam\* L, Goff\*, B, Flannery\* J, Gee\* DG, Lumian\* DS, Caldera\* C, **Tottenham** N.  (2015). Normative development of ventral striatal resting-state connectivity in humans.  Poster presentation, 8th Annual Meeting of the Social and Affective Neuroscience Society.  Boston, MA.

**Tottenham**, N. (2015). Human Amygdala-PFC Circuit Development as an Ontogenetic Adaptation Following Maternal Deprivation. Oral presentation given at the Society for Research in Child Development, Philadelphia, PA.

Fareri\* DS, Gabard-Durnam\* L, Goff\* B, Flannery\* J, Gee\* DG, Lumian\* DS, Caldera\* C, **Tottenham**, N.  (April, 2015).  Normative development of ventral striatal resting-state connectivity in humans. Poster. 8th Annual Meeting of the Social and Affective Neuroscience Society, Boston, MA.

Callaghan\*, B.L., Gee\*, D., Gabard-Durnam\*, L.J., Telzer\*, E., Humphreys\*, K., Goff\*, B., Shapiro\*, M., Flannery\*, J., Lumian\*, D., Fareri\*, D., Caldera\*, C., **Tottenham**, N. (2015). Amygdala buffering following early parental deprivation in human children and adolescents. Association for Psychological Science, New York.

Gee\*, D.G., Goff\*, B., Gabard-Durnam\*, L., Caldera\*, C., Fareri\*, D., Lumian\*, D., Flannery\*, J., **Tottenham**, N. (2015, October). Experimental manipulation of prefrontal cortex differentially affects amygdala reactivity following early-life stress. Poster presented at Society for Neuroscience, Chicago, IL.

Gee\*, D.G., Fareri\*, D., Caldera\*, C., Goff\*, B., Gabard-Durnam\*, L., Monti, M., Jovanovic, T., Casey, B.J., **Tottenham**, N. (2015, September). Safety signal learning as a novel mechanism for fear reduction during development. Poster presented at Flux International Congress, Leiden, Netherlands.

Gee\*, D.G., Goff\*, B., Gabard-Durnam\*, L., Caldera\*, C., Fareri\*, D., Lumian\*, D., Flannery\*, J., **Tottenham**, N. (2015, May). Experimental manipulation of prefrontal recruitment has differential effects on amygdala reactivity in children and adolescents. Poster presented at Association for Psychological Science, New York, NY.

Gee\*, D.G., Goff\*, B., Gabard-Durnam\*, L., Caldera\*, C., Fareri\*, D., Lumian\*, D., Flannery\*, J., **Tottenham**, N. (2015, April). Parental buffering of human amygdala-prefrontal circuitry during childhood but not adolescence. Poster presented at Anxiety and Depression Association of America, Miami, FL.

Kumar\*, A., Choy\*, T., Gabard-Durnam\*, LJ., Goff\*, B., **Tottenham**, N. Parental mediation of internalizing and externalizing problems for youth following early life stress. (2015). Stanford Undergraduate Psychology Conference, Stanford, CA.

Kumar\*, A., Choy\*, T., Gabard-Durnam\*, LJ., Goff\*, B., **Tottenham**, N. Parental mediation of internalizing and externalizing problems for youth following early life stress. (2015). UCLA Science Poster Day, Los Angeles, CA.

Gabard-Durnam\*, LJ, **Tottenham**, N., Deoni, S., O’Muircheartaigh, J. Typical development of amygdala functional connectivity from 3 months to 4 years. (2015). Organization for Human Brain Mapping, Honolulu, Hawaii.

Silvers\*, J.A., Lumian\*, D.S., Gabard-Durnam\*, L., Gee\*, D., Goff\*, B., Fareri\*, D.S., Caldera\*, C., Flannery\*, J., Telzer\*, E., Humphreys\*, K., & **Tottenham**, N. (November, 2014). “Early maternal deprivation accelerates amygdala-based fear learning in humans.” Society for Neuroscience’s Annual Meeting, Washington, D.C.

Gee\*, D.G., Gabard-Durnam\*, L., Telzer\*, E.H., Humphreys\*, K.L., Goff\*, B., Shapiro\*, M., Flannery\*, J., Lumian\*, D.S., Fareri\*, D.S., Caldera\*, C.J., **Tottenham**, N. (2014, November). Maternal buffering of human amygdala-prefrontal circuitry specifically during childhood. Poster presented at Society for Neuroscience, Washington, D.C.

Goff\*,B., Gabard-Durnam\* L., Gee\*, D. G., Flannery\*, J., Lumian\*, D. L., Fareri\*, D. S., Caldera\*, C., **Tottenham**, N. (2014, September) Human chromosomal modification associated with early-life stress induced adolescent depression and nucleus accumbens hyporeactivity. Poster to be presented at Flux Congress, Los Angeles, CA

VanTieghem, M.\*, Gabard-Durnam, L.\*, Flannery\*, J., Goff\*, B., Gee\* D.G., Humphreys\*, K., Telzer\*, E., Caldera\*, C., Hare, T., and **Tottenham**, N. ( (November 2014). Early life stress induced bias towards positivity: Implications for amygdala-prefrontal circuit development. Poster presented at NYAS Fifth Annual Aspen Brain Forum: Shaping the Developing Brain, New York, NY.

VanTieghem\*, M. (December 2014). Emotional appraisals following early adversity: Implications for amygdala-prefrontal circuit development. First Year talk for Monday Seminar Series, Columbia Psychology Department, New York, NY.

Lumian\*, D.S., Gabard-Durnam\*, L., Goff\*, B., Gee\*, D., Flannery\*, J., **Tottenham**, N. Developmental changes in amygdala-based fear learning: From early childhood through adulthood. Poster Presentation. International Society for Developmental Psychobiology, San Diego, CA, November, 2013.

Flannery\*, J., Gabard-Durnam\*, L., Gee\*, D., Humphreys\*, K., Goff\*, B., Lumian\*, D., **Tottenham, N.** The impact of early life adversity on diurnal HPA axis function across development. Poster presentation International Society for Developmental Psychobiology (November 2013).

Goff\*,B., Gee\*, D. G., Gabard-Durnam\*, L., Flannery\*, J., Telzer\*, E. H., Humphreys\*, K. L., Louie\*, J. & **Tottenham**, N. (2013, November) Developmental changes in amygdala-insula connectivity mediates normative age-related increases in trust appraisals. Poster to be presented at Society for Neuroscience, San Diego, CA

Flannery\*, J., Gabard-Durnam\*, L., Gee\*, D., Humphreys\*, K., Goff\*, B., Lumian\*, D., **Tottenham**, N. The impact of early life adversity on diurnal HPA axis function across development. Poster presentation Society for Neuroscience (November 2013).

Lumian\*, D.S., Gabard-Durnam\*, L., Goff\*, B., Gee\*, D., Flannery\*, J., **Tottenham**, N. Developmental changes in amygdala-based fear learning: From early childhood through adulthood. Poster Presentation. Society for Neuerosience, San Diego, CA, November, 2013.

Gee\*, D.G., Goff\*, B., Gabard-Durnam\*, L., Flannery\*, J., **Tottenham**, N. (2013, November). Experimental manipulation of prefrontal recruitment has differential effects on amygdala reactivity in children and adolescents. Poster to be presented at Society for Neuroscience annual meeting, San Diego, CA.

Gabard-Durnam\*, L., Flannery\*, J., Goff\*, B., Gee\*, D., Telzer\*, E., Humphreys\*, K., Hare, T., **Tottenham**, N. (September 2013) Development of human amygdala-cortical functional connectivity at rest. Poster presentation. Flux conference.

Goff\*,B., Gee\*, D. G., Gabard-Durnam\*, L., Flannery\*, J., Telzer\*, E. H., Humphreys\*, K. L., Louie\*, J. & **Tottenham**, N. (2013, September) Developmental changes in amygdala-insula connectivity mediates normative age-related increases in trust appraisals. Poster to be presented at Flux Congress, Pittsburgh, PA

Gee\*, D.G., Gabard-Durnam\*, L., Flannery\*, J., Goff\*, B., Humphreys\*, K., Telzer\*, E., **Tottenham**, N. (2013, July). Early adversity alters the development of emotion regulation circuitry. Poster to be presented at American Psychological Association annual convention, Honolulu, HI.

Gabard-Durnam\*, L., Flannery\*, J., Goff\*, B., Gee\*, D. G., Humphreys\*, K. L., Telzer\*, E. H., & **Tottenham**, N. Development of Human Amygdala-Cortical Functional Connectivity at Rest. Poster session presented at the Cognitive Neuroscience Society; 2013 April 13-16; San Francisco, CA.

Gee\*, D.G., Goff\*, B., Gabard-Durnam\*, L., Flannery\*, J., **Tottenham**, N. (2013, April). Sustained effects of cognitive load on amygdala reactivity among children and adolescents. Poster to be presented at Cognitive Neuroscience Society annual meeting, San Francisco, CA.

Goff\*, B., Gee\*, D. G., Telzer\*, E. H., Humphreys\*, K. L., Gabard-Durnam\*, L., Flannery\*, J., & **Tottenham**, N. Reduced nucleus accumbens reactivity and adolescent depression following early-life stress. Poster session presented at the Cognitive Neuroscience Society; 2013 April 13-16; San Francisco, CA.

Olsavsky\* AK, Flannery J, Humphreys K, Telzer E, Shapiro M, **Tottenham** N. Early Maternal Deprivation Is Followed By Indiscriminant Amygdala Response To Mothers And Strangers. Society of Biological Psychiatry Annual Meeting. May 2012. Philadelphia, PA.

Humphreys\*, K. L., & **Tottenham**, N. (2012, August). Developmental adaptions following early-life stress during risky decision making. Poster to be presented at the 120th annual convention for the American Psychological Association, Washington, DC.

Gee\*, D. & **Tottenham, N.** (2011, November). Developmental Changes in Functional Connectivity of Neural Circuitry Subserving Emotion Regulation. Poster presented at Annual meeting for the Society for Neuroscience, 2011.

Wennerstrom\*, L. & **Tottenham**, N. (2011, May). Childhood Peer Relationships Following Maternal Deprivation. Poster presented at the annual UCLA Psychology Undergraduate Research Conference, Los Angeles, CA.

**Tottenham**, N., Shaprio\*, M., Telzer\*, E. (2011, April). “Children’s Neural Response To Mother’s Face: Effects Of Early Caregiving Experiences.” Poster accepted at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Humphreys\*, K. L., & **Tottenham**, N. (April, 2011). Postnatal adversity is associated with impaired emotional learning during childhood. Poster to be presented at the 18th Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Telzer\*, E.H., Shapiro\*, M., Humphreys\*, K., & **Tottenham**, N.L. (2011, April). Children’s understanding of socially-relevant categories: The role of the amygdala in racial/ethnic categorization. Poster accepted at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

Louie\*, J.Y., Lau, A., **Tottenham**, N. (2011, April). “Temperament Factors in the Psychobiological Development of Social Anxiety.” Poster presented at the Paper Symposium presented at Society for Research in Child Development, Montreal, CA.

Linick, J., Leonard, N.,Cleland, C. **Tottenham, N.** Massey, Z., & Gwadz, M. (2011, April) “Callous-Unemotional Traits, Fear Recognition, and Emotion Regulation in Incarcerated Youth”. Poster presented at the Paper Symposium presented at Society for Research in Child Development, Montreal, CA.

Shapiro\*, M., Telzer, E., Mayo, M., & **Tottenham**, N. (2010, November). Children's neural response to mother's face: effects of early caregiving experiences. Paper presentation at the International Society for Developmental Psychobiology Annual Meeting, San Diego, California.

Telzer\*, E., Shapiro\*, M. & **Tottenham, N**. “Neural sensitivity to race in children and adolescents”. Poster presented at the Annual meeting for the Society for Neuroscience, 2010.

**Tottenham, N**. & Gillespie-Lynch, K.(2010)“The Development of Amygdala-Fusiform Structural Connectivity and Face Processing in High Functioning Autism”. Poster presented at the International Meeting for Autism Research, Philadelphia.

**Tottenham**, N., Zaidel, E., Li, L., (2010). “Seeing Yourself Facilitates Perception of Others’ Emotions”. Poster presented at Annual meeting of the Cognitive Neuroscience Society, Montreal, CA.

Amso, D. & **Tottenham**, N. (2010). “Targeted Visual Exploration of Fearful But Not Happy Faces Supports Emotion Discrimination”. Poster presented at the International Society for Infant Studies, Baltimore, MD.

Ganzel, B., Gilmore, H., **Tottenham**, N., Temple , E. “Trauma and the developing brain: Neuroimaging evidence for long-term stress-related neural change in healthy children”. Poster presented at Annual meeting of the Cognitive Neuroscience Society, Montreal, CA.

**Tottenham, N.** (2009) “The Neurobiology of Altered Social Behavior following Early Postnatal Neglect”. Paper symposium presented at the Society for Neuroscience, Chicago, Il.

Cohen, M., **Tottenham, N.**, Hare, T., Millner, A., Gilhooly, T., Teslovich, T., Somerville, L., Casey, BJ. (2009) “Enriched environment helps learning systems recover in humans”. Poster presented at the Society for Neuroscience, Chicago, Il.

Donzella, B. **Tottenham**, N., Gunnar, M.R., (2009) Is That a Stress Response, or Was I Just Talking? The Importance of Controlling for Speech Conditions During the Trier (TSST). Paper Symposium presented at Society for Research in Child Development, Denver, CO.

**Tottenham**, N., Hare , T.A., Milner, A., Gilhooly, T., Casey, BJ (2008). Early-life stress is associated with a neural bias towards emotionality. Poster presented at the Society for Neuroscience, Washington DC.

**Tottenham**, N., Gilhooly,T., Millner, A., Birch, S. (2008). Look into my eyes: The effect of looking behavior on face processing. Poster presented at the Annual meeting of the Cognitive Neuroscience Society, San Francisco.

Jones, RM, Zevin, JD, Skipper, J, Casey, BJ & **Tottenham**, N. (2008). The neural mosaics of face sensitivity across development: looking beyond peak activity. Poster presented at the Annual meeting of the Cognitive Neuroscience Society, San Francisco

**Tottenham**, N., Gilhooly, T., Soliman, F., Hare, T.A., Getz, S., Milner, A., Amso, D., & Casey, BJ (2007). Conditioning of Emotional Faces in Children, Adolescents, and Adults. Poster presented at Cognitive Neuroscience Society, New York.

M.J. Ward, N.L. **Tottenham**, T.A. Hare, M.C. Nurse, T.W. McCary, B.J. Casey (2007). Attachment Representation and Emotion Regulation in Children Adopted After Institutionalization. Poster presented at the Society for Research in Child Development, Boston, MA.

**Tottenham**, N., Davidson, M.C., Galvan, A., Spicer, J., Hare, T., & Casey, B.J. (April, 2006). “Fusiform gyrus activity modulated by facial expression in children, adolescents, and adults”. Poster presented at Cognitive Neuroscience Society, New York.

Gunnar, M.R., Talge, N.M., **Tottenham**, N., Wewerka, S., Madsen, N. (April, 2005). “Paradoxical Decreases in Cortisol During Laboratory Challenges in Children: Associations with Age and Autonomic Activity”. Paper symposium presented at the biannual meeting of the Society for Research in Child Development.

Davidson, M.C., **Tottenham**, N., Spicer, J.A., Galvan, A., Durston, S., Horvitz, J.C., & Casey, B.J. (April, 2005). “Neural Responses to Stimulus and Temporal Violations of Expectation: A Development fMRI Study”. Poster presented at Cognitive Neuroscience Society, New York.

**Tottenham**, N., Davidson, M.C., Galvan, A., Spicer, J., Hare, T., Rossi, J., Worden, M.I., Whalen, P.J., & Casey, B.J. (April, 2005). “Neutral Faces Elicit more Ventral Amygdala Response than Calm Faces in Children”. Poster presented at Cognitive Neuroscience Society, New York.

Blau, V., Maurer, U., **Tottenham**, N., & McCandliss, B. (April 2005). The N170 ERP component is modulated by emotional facial expression, even after repeated exposure as task-irrelevant stimuli controlled for shape, contrast, and gender. Poster presented at Cognitive Neuroscience Society, New York.

Hare, T. **Tottenham**, N., Davidson, M.C., Spicer, J., Glover, G., & Casey, B.J. (April 2004). “Contributions of Striatal and Amygdala Activity in Affect Regulation”. Poster presented at CNS, San Francisco.

Spicer, J., Davidson, M.C., Durston, S., **Tottenham**, N., Galvan, A., & Casey, B.J. (April 2004). “Neural Response to Violations in Expectation across Development”. Poster presented at CNS, San Francisco.

Sarkar, R., **Tottenham**, N., Davidson, M.C., Worden, M., Spicer, J., Galvan, A., Eigsti, I., & Casey, B.J. (April 2004). “Amygdala Response to Happy and Neutral Faces in Children and Adults in an Event-Related fMRI Design”. Poster presented at CNS, San Francisco.

Freed, P., **Tottenham**, N., Davidson, M.C., Galvan, A., Spicer, J., Hare, T.A., Worden, M.I., & Casey, B.J. (April 2004). “Calm vs. Neutral: Differential Amygdala Responses”. Poster presented at CNS, San Francisco.

Durston, S., Davidson, M.C., **Tottenham**, N., Spicer, J., Galvan, A., Fossella, J.A., & Casey, B.J. (November 2004). “Longitudinal functional MRI of the development of cognitive control”. Poster presented at Society for Neuroscience, San Diego.

Hare, T.A., **Tottenham**, N., Davidson,, M.C., Glover, G., & Casey. B.J. (November 2004). “Contributions of striatal and amygdala activity in affect regulation”. Poster presented at Society for Neuroscience, San Diego.

Spicer, J., Galvan, A., Hare, T., Davidson, M.C., **Tottenham**, N., Glover, G., & Casey, B.J. (April, 2004). “Human Striatal Activity in the Presence of Reward Probability Variation”. Poster presented at CNS, New York.

**Tottenham**, N., Davidson, M.C., Worden, M.I., Haxby, J.V., Casey, B.J. (April 2003). “Activation of the Fusiform Face Area without Conscious Awareness”. Poster presented at the OHBM, New York.

Davidson, M.C., Horvitz, J.C., **Tottenham**, N., Durston, S., Fosella, J.A. & Casey, B. J. (November 2003). “Investigation of neural circuitry modulated by violations in stimulus and temporal expectations”. Poster presented at the Society for Neuroscience, New Orleans.

Galvan, A., Fossella, J.A., **Tottenham**, N., McClure, S., Spicer, J., Montague, P.R., & Casey, B.J. (November 2003) “Relation of genetic variation to responses to reward uncertainty and risk taking behavior”. Poster presented at the Society for Neuroscience, New Orleans.

**Tottenham**, N., Eigsti, I., Davidson, M.C., Watts, R., Altemus, M., Aronson, J. & Casey, B.J. (2003). “Hippocampal and Amygdala Development following Institutionalization and Subsequent Adoption”. Poster presented at NY Academy of Sciences, New York.

**Tottenham**, N., & Casey, B.J. (April, 2003). “The MacBrain Face Stimulus Set for Developmental Studies of Face and Emotion Processing: A More Versatile Stimulus Set”. Poster presented at the Society for Research in Child Development, Tampa.

**Tottenham**, N., Haxby, J., Whalen, P.J., Worden, M.S., & Casey, B.J. (April, 2003). “Establishing age-appropriate presentation times for masked faces and houses”. Poster presented at the Cognitive Neuroscience Society annual meeting, New York City.

Eigsti, I.M., **Tottenham**, N., Davidson, M.C., Casey, B.J. (April, 2003). “Effects Of Institutionalization And Adoption On Later Behavioral And Brain Development”. Poster presented at the Cognitive Neuroscience Society annual meeting, New York City.

Davidson, M.C., Horvitz, J.C., **Tottenham**, N., Fossella, J.A., & Casey, B.J. (November 2002) “fMRI Investigation Of Saliency, Expectation And Reward Circuitry”. Poster presented at the Society for Neuroscience, San Diego.

**Tottenham**, N., Borscheid, A., Ellertsen, K., Marcus, D.J., Nelson, C.A. (April, 2002). “Categorization of Facial Expressions in Children and Adults: Establishing a Larger Stimulus Set”. Poster presented at the Cognitive Neuroscience Society annual meeting, San Francisco.

Eigsti, I.M., Munson, S.F., **Tottenham**, N., Thomas, K.M., Durston, S., Casey, B.J. (April, 2002). “Neural and Behavioral Correlates of Institutionalization”. Poster presented at the Cognitive Neuroscience Society annual meeting, San Francisco.

Davidson, M.C, Fossella, J.A., Durston, S., **Tottenham**, N., Kunz, K.H., & Casey, B.J. (April, 2002). “Catecholaminergic Genes, Cognitive Control and Brain Morphology”. Poster presented at Cognitive Neuroscience Society annual meeting, San Francisco.

**Tottenham**, N. Curtis, W.J. Zhuang, J.C., Hu, X., Nelson, C.A. (November, 2001). “The Development Of The Neural Correlates Of The Delayed Matching- And Nonmatching-To-Sample Memory Tasks: An Event-Related Functional MRI Approach”. Poster presented at the annual meetings of the International Society for Developmental Psychobiology & the Society for Neuroscience, San Diego.

Casey, B.J., Munson, S.F., Thomas, K.M., Durston, S. & **Tottenham**, N. (November, 2001). “The Aftermath Of Neglect: Assessing The Neurobiological Development Of Post-Institutionalized Children”. Paper presented at the International Society for Developmental Psychobiology Conference, San Diego.

**Tottenham**, N., Parker, S. W., & Liu, C. (April 2001) “Individual Differences In Cardiac And HPA Reactivity To A Psychological Stressor”. Poster presented at the Society for Research in Child Development Bi-annual Meeting, Minneapolis.

**Tottenham**, N., Parker, S. W., Liu, C. & Gunnar, M. R. “Individual Differences In Cardiac And HPA Reactivity To A Psychological Stressor”. Poster presented at the Cognitive Neuroscience Meeting, New York City (March 2001) and at the International Society for Developmental Psychobiology Conference, New Orleans (November 2000).

**Tottenham**, N. (April 1999) “The Autonomic Origins of Cardiac Reactivity To a Psychological Stressor in Adult Women”. Talk presented at the Society for Research in Child Development Millennium Fellows Program.

**Tottenham**, N., Gwadz, M., Cisek, P., & Franzke, L. (May 1998). “New Treatments for AIDS: Adherence and attitudes among low-income mothers”. Poster session presented at the 10th Annual APS Convention, Washington D.C.

Gwadz, M., Rotheram-Borus, M.J., James, N., Elliot, J., Cisek, T., **Tottenham**, N. (November 1998). “New caregivers of adolescents bereaved by AIDS”. Paper presented at the 126th Annual Meeting of Public Health and Managed Care, Washington D.C.

Gwadz, M., Rotheram-Borus, M., Franzke, L., Lewis, P., James, N., Moore, S., **Tottenham**, N., Mohammed, T., & Leonard, N. (July 1997). “Picking up the pieces: caregivers of adolescents whose parents have died from HIV/AIDS”. Poster presented at the NIMH Fifth Annual Research Conference on the Role of Families in Preventing and Adapting to HIV/AIDS, Baltimore, MD.

Gwadz, M., Rotheram-Borus, M., Lee, M., James, N., **Tottenham**, N., Leonard, J., & Bernal, R. (1997, July). “Interventions for parents living with AIDS and their adolescent children”. Poster presented at the NIMH Fifth Annual Research Conference on the Role of Families in Preventing and Adapting to HIV/AIDS, Baltimore, MD.