**Jessica E. Flannery, PhD**

University of North Carolina at Chapel Hill

Department of Psychology and Neuroscience

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**SUMMARY RESEARCH & CLINICAL INTERESTS**

The primary focus of my research is investigating how sensitive periods of neurobiological development influence trajectories of mental and physical health outcomes. I am particularly interested in understanding how these sensitive periods of development provide both vulnerabilities to environmental perturbations as well as opportunities for prevention and intervention. Specifically, I take an interdisciplinary approach across neural, hormonal, microbial, and psychosocial indices to assess the emergence of mental health symptoms and health risk behaviors during adolescence.

My clinical training focuses on pediatric populations with a history of early life adversity as well as on pediatric neuropsychological assessment and parent behavioral management. My training spans across outpatient and psychiatric inpatient settings, including brief crisis stabilization and psychological consultation for suicidal ideation, attempts, non-suicidal self-injury, and severe aggression. My theoretical orientation integrates cognitive behavioral, social learning, and biopsychosocial (integrative) approaches.

**CURRENT ACADEMIC POSITION**

Post-Doctoral Researcher **University of North Carolina, Chapel Hill** 2020-

Department Psychology and Neuroscience

Co-Advisors: Eva Telzer, Ph.D.

Mitch Prinstein, Ph.D.

**EDUCATION**

Clinical Psychology Resident **University of Washington, School of Medicine** 2019-2020

Seattle Children’s Hospital

Ph.D.  **University of Oregon** 2013-2020

Clinical Psychology

Co-Advisors: Jennifer Pfeifer, Ph.D.

Philip Fisher, Ph.D.

M.S.  **University of Oregon** 2015

Clinical Psychology

Co-Advisors: Jennifer Pfeifer, Ph.D.

Philip Fisher, Ph.D.

B.S. **California Polytechnic State University** 2010

Major: Psychology, Minor: Biology

**HIGHLIGHTED FUNDING**

College of Arts and Science Dissertation Fellowship 2018

National Science Foundation Graduate Research Fellow Program Fellowship 2015

**SELECTED FUNDING, HONORS, & AWARDS**

Gregores Graduate Student Research Award, $500 2018

General University Scholarship, $2,700 2018

NIBL fMRI Workshop Travel Award, $600 2017

International Society for Developmental Psychobiology Travel Award, $700 2017

Thomas B. Cooper Memorial Scholarship, $3,000 2017

Norman D. Sundberg Fellowship, $1,000 2017

Miller Family Graduate Award in Technology & Science, $1,300 2015

International Society for Developmental Psychobiology Travel Award, $400 2014

Henry V. Howe Scholarship, $2,000 2014

NSF Graduate Research Fellow Program, Honorable Mention 2014

International Society for Developmental Psychobiology Travel Award, $500 2013

NSF Graduate Research Fellow Program, Honorable Mention 2013

Staff Recognition and Appreciation “STAR” Award, UCLA Lab Manager, $500 2012

**RESEARCH EXPERIENCE**

Postdoctoral Research Associate 2020-Current

Adolescent Digital Mental Health

*University of North Carolina at Chapel Hill, Mitch Prinstein, Ph.D., Eva Telzer, Ph.D.*

Leading remote digital research on daily variations in adolescent biobehavioral functioning.

Collaborating on the passive digital assessment and quantification of adolescent mental health.

Developed and overseeing Teen Advisory Panel to guide research relevance.

Co-developed social media fMRI tasks and ecological momentary assessment protocols.

Graduate Researcher2013-2020

Developmental Social Neuroscience Lab &Stress Neurobiology and Prevention Lab

*University of Oregon, Jennifer Pfeifer, Ph.D., Philip Fisher, Ph.D.*

Managed several multi-method, longitudinal fMRI studies.

Initiated and performed outreach activities with adolescents in the community.

Coordinated and led multidisciplinary collaborations across two universities, managing IRB

protocols, analyzing clinical, behavioral, fMRI, and microbial data, and writing manuscripts.

Trained, mentored, and managed 10 research assistants on data collection and analysis.

Lab Manager2011-2013

Developmental Affective Neuroscience Lab

*University of California, Los Angeles, Nim Tottenham, Ph.D.*

Trained, mentored, and managed over 20 research assistants on data collection and analysis.

Successfully completed three IRB renewals and multiple amendments.

Built and maintained rapport with 200 study participants in a longitudinal MRI study.

Conducted clinical interviews, assessments, and research protocols for adolescents.

**SELECTED ACADEMIC CONFERENCE PRESENTATIONS**

Chaired Symposia

**Flannery, J.E** (2021, April). *Longitudinal Peer and Family Relationships Impact on Adolescent Mood During COVID-19.* Symposia presented at Society for Research in Child Development Biennial Meeting, virtual.

**Flannery, J.E.** (2021, April). *Best practices and challenges to developmental longitudinal studies during a global pandemic. Conversation* Roundtable moderator at Society for Research in Child Development Biennial Meeting, virtual.

Paper Presentations- selected first authored

**Flannery, J.E.,** Kwon, S., Jorgensen, N., Nelson, B., Turpyn, C., Duell, N., Lindquist, K., Prinstein, M., & TelzerE.(2021, April). *Covariation in Adolescent Social Behavior and Mood Following COVID-19 Social Restriction: Moderators of Neural Sensitivity*. Symposia to be presented at Society for Research in Child Development Biennial Meeting.

**Flannery, J.E.,** Op De Macs, Z., Peake, S., Flournoy, J., Ross, G., Vijayakumar, N., Cheng, T., Mobassar, A., Durnin, M., Alberti, S., Fisher, P., & Pfeifer, J.H. (2020) *Peer Influence on risk decisions and neural processes for child-welfare involved adolescents.* Symposia at Society for Research on Adolescence; cancelled due to COVID-19.

**Flannery, J.,** Stagaman, K.,Hickey, R., Fisher, P., & Sharpton, T. (2017, Nov). *Childhood anxious/depressive behaviors: Associations with the gut microbiota and moderating role of parental behavior.* Symposia presented at International Society of Developmental Psychobiology, Washington, DC.

**Flannery, J.** (2017, April).*The gut microbiota: Role in translational neuroscience.* Symposia presented at Center for Translational Neuroscience, University of Oregon, OR.

**Flannery, J.,** Giuliani, N., Flournoy, J., & Pfeifer, J. (2017, April). *Neurodevelopmental changes in affective reactivity and implicit regulation: Brain function, connectivity, and structure.* Symposia presented at Society for Research in Child Development Biennial Meeting, Austin, TX.

**Flannery, J.,** Roos, L., Guiliano, R., Hickey, R., & Fisher, P. (2017, April). *Parental buffering role on the relationship between early life stress, child internalizing symptoms and gut microbiome diversity.* Symposia presented at Society for Research in Child Development Biennial Meeting, Austin, TX.

**Flannery, J.,** & Hickey, R. (2016, December). *Relationship in children between cortisol reactivity, disrupted caregiving, and the gut microbiome.* Symposia presented at Robert Wood Johnson Foundation-sponsored “Changing Microbiomes in Health” Symposium, University of California, San Diego, CA.

**Flannery, J.,** Giuliani, N., Flournoy, J., & Pfeifer, J. (2014, October). *Teen transitions. The underlying neurobiology of emotion processing.* Symposia presentation at Annual First Year Presentations, University of Oregon, OR.

Poster Presentations- selected first authored

2020

**Flannery, J.,** Mills, K., Sharpton, T., Fisher, P., Allen, N., & Pfeifer, J. (2020, September). *Gut feelings: What the gut-brain axis may reveal about depressive symptomatology during adolescence.* Poster presented at the Annual Flux 2020 Virtual Congress. Video presentation of poster: https://youtu.be/zFjgpWC5gxc

2018

**Flannery, J.,** Mills, K., Cheng, T.W., Hval, L., Brady, B., Nelson, N., Byrne, M., Chavez, S., Donaldson, S., Mobasser, A., Flournoy, J., Sharpton, T., Fisher, P., Allen, N., & Pfeifer, J. (2018, September). *How does the gut and brain communicate to influence depression in adolescence? A preregistration.* Poster presented at the 9th Annual Flux Congress, Berlin, Germany.

2016

**Flannery, J.,** Peake, S., Flournoy, J., Op de Macks, Z.A., Cheng, T.W., Mobasser, A., Alberti, S., Fisher, P., & Pfeifer, J. (2016, September). *Social context as a moderator of neural responses to outcomes of risk decisions across community and foster care adolescents.* Poster presented at the Annual Flux Congress, Saint Luis, MO.

**Flannery, J.,** Peake, S., Flournoy, J., Alberti, S., Mobasser, A., Fisher, P., & Pfeifer, J. (2016, April). *Neural outcomes of risk decision: Prediction of subsequent behavioral decision across social contexts in adolescence.* Poster presented at the Annual Social Affective Neuroscience Conference, New York, NY.

**Flannery, J.,** Roos, L., Kim, H., Laurent, H., & Fisher, P. (2016, April). *The role of parental buffering in the relationship between early diurnal cortisol and adolescent mental health-related problems.* Poster presented at the Annual Social Affective Neuroscience Conference, New York, NY.

2015

**Flannery, J.,** Peake, S., Flournoy, J., Alberti, S., Mobasser, A., Fisher, P., & Pfeifer, J. (2015, September). *Neural feedback processing of risk decisions across social contexts in adolescents.* Poster presented at the Annual Flux Congress, Leiden, The Netherlands.

**Flannery, J.,** Peake, S., Flournoy, J., Alberti, S., Mobasser, A., Fisher, P., & Pfeifer, J. (2015, September). *Positive and negative neural feedback processing of risk decisions across social contexts in adolescents.* Poster presented at the Society for Research in Child Development preconference, Leiden, The Netherlands.

**Flannery, J.,** Giuliani, N., Flournoy, J., & Pfeifer, J. (2015, April). *Developmental changes in affect processing: Brain function and connectivity to peer faces.* Poster presented at the Annual Meeting of the Social Affective Neuroscience Society Annual Meeting, Boston, MA.

**Flannery, J.,** Giuliani, N., Flournoy, J., & Pfeifer, J. (2015, March). *Affective reactivity and regulation across adolescence: Neural responses to dynamic peer emotions; complex versus simple emotions.* Poster presented at Biannual Society for Research on Child Development, Philadelphia, PA.

2014

**Flannery, J.,** Giuliani, N., Flournoy, J., & Pfeifer, J. (2014, November). *Dynamic neuropsychological emotion regulation profiles among youth, 10-22-year-old.* Poster presented at Annual International Society of Developmental Psychobiology, Washington, D.C.

2013

**Flannery, J.,** Gabard-Durnam, L., Gee, D., Humphreys, K., Goff, B., Lumian, D., & Tottenham, N. (2013, November). *The impact of early life adversity on diurnal HPA axis function across development.* Poster presented at the Annual Society for Neuroscience, San Diego, CA.

**Flannery, J.,** Gabard-Durnam, L., Gee, D., Humphreys, K., Goff, B., Lumian, D., & Tottenham, N. (2013, November). *The impact of early life adversity on diurnal HPA axis function across development.* Poster presented at the Annual International Society of Developmental Psychobiology, San Diego, CA.

**PUBLICATIONS**

Google Scholar Profile: H-index = 20, 10-index = 29

Note: \**denotes shared first authorship*

2021

Nelson, B.W., **Flannery, J.E.,** Duell, N., Flournoy, J., Prinstein, M.J., & Telzer, E. (2021). Concurrent and prospective associations between Fitbit wearable derived RDoC arousal and regulation constructs and adolescent internalizing symptoms. *Journal of Child Psychology and Psychiatry.*

Gau, R., Noble, S., Heuer, K., Bottenhorn, K. L., Bilgin, I. P., Yang, Y. F., ... & Marinazzo, D. (2021). Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. *Neuron*.

VanTieghem, M., Korom, M., **Flannery, J.,** Choy, T., Caldera, C., Humphreys, K., Gabard-Durnam, L.J, Goff, B., Gee, D., Telzer, E., Shapiro, M., Louie, J.Y, Fareri, D., Bolger, N., & Tottenham, N. (in press). Longitudinal changes in amygdala, hippocampus and cortisol development following early caregiving adversity. *Developmental Cognitive Neuroscience.*

2020

Vijayakumar, N., Shirtcliff, E., Byrne, M., Mills, K., Cheng, T., Mobasser, A., **Flannery, J.,** Nelson, B., Flournoy, J., Wang, W., Allen, N., & Pfeifer, J. (2020). Pubertal hormones and brain structure: Exploring the value of hair assays. *Psychoneuroendocrinology 119:105037*

Nelson, B., Pettitt, A. K., **Flannery, J.,** & Allen, N. (2020). Psychological and epidemiological predictors of COVID-19 concern and health-related behaviors. *PLoS One,* 15(11):e0241990. PMID: 33175882 PMCID: PMC7657530

Andrews, J., Mills, K., Flournoy, J., **Flannery, J.,** Mobasser, A., Ross, G., Durnin, M., Peake, S., Fisher, P., & Pfeifer, J. (2020). Rethinking adolescent risk-taking: Perception of social risk impacts expected involvement in health-risk behaviour during adolescence. *Journal of Research on Adolescence,* (4):1008-1024.PMID: 32910510

Flournoy, J., Vijayakumar, N., Cheng, T., Cosme, D., **Flannery, J.,** Vijayakumar, N., & Pfeifer, J. (2020). Improving Practices and Inferences in Developmental Cognitive Neuroscience. *Developmental Cognitive Neuroscience,* 45:100807.PMID: 32759026 PMCID: PMC7403881

**Flannery, J.\*,** Stagaman, K.\*, Burns, A.R., Hickey R.J., Roos, L.E., Giuliano, R.J., Fisher, P.A., & Sharpton, T.J. (2020). Gut feelings begin in childhood: the gut metagenome correlates with early environment, caregiving, and behavior. *mBio,* 11(1):e02780-19.PMID: 31964729 PMCID: PMC6974564

Cheng, T.\*, Vijayakumar, N.\*, Flournoy, J., Op de Macks, Z., Peake, S., **Flannery, J**., Mobasser A, Alberti, S., Fisher, P., & Pfeifer, J. (2020). Feeling left out or just surprised? Neural correlates of social exclusion and expectancy violations in adolescence. *Cognitive, Affective, & Behavioral Neuroscience,* (2):340-355*.* PMID: 32056138 PMCID: PMC7338003

Barendse, M., Vijayakumar, N., Byrne, M., **Flannery, J.,** Cheng, T., Flournoy, J., Nelson, B., Cosme, D., Mobasser, A., Chavez, S., Hval, L., Brady, B., Nadel, H., Helzer, A., Shirtcliff, E., Allen, N., & Pfeifer J. (2020) Study protocol: Transitions in Adolescent Girls (TAG). *Frontiers in Psychiatry,* 10:1018*.* PMID: 32116825 PMCID: PMC7010724

Vijayakumar, N., Flournoy, J., Mills, K., Cheng, T., Mobasser, A., **Flannery, J**., Allen, N., & Pfeifer J. Getting to know me better: (2020). An fMRI study of intimate and superficial self-disclosure to friends during adolescence. *Journal of Personality and Social Psychology,* (5):885-899.PMID: 32039615 PMCID: PMC7338033

Callaghan, B., Fields, A., Gee, D.G., Gabard-Durnam, L., Caldera, C., Humphreys, K., Goff, B., **Flannery, J.**, Telzer, E., Shapiro, M., & Tottenham, N. (2020). Mind and gut: associations between mood and gastrointestinal distress in children exposed to adversity. *Development and Psychopathology,* (1):309-328*.* PMID: 30919798 PMCID: PMC6765443

2019

Humphreys, K., Gabard-Durnam, L., Goff, B., Telzer, E., **Flannery, J.,** Gee, D., Park, V., Lee, S., & Tottenham, N. (2019). Friendship and social functioning following early institutional rearing: The role of ADHD symptoms. *Development and Psychopathology, (4):1477-1487.* PMID: 30588896 PMCID: PMC6597328

Tottenham, N., Shapiro, M., **Flannery, J.,** Caldera, C., & Sullivan, R.M. (2019). Parental presence switches avoidance to attraction learning in children. *Nature Human Behaviour*, (10):1070-1077.PMID: 31332302 PMCID: PMC7218758

**Flannery, J.,** Callaghan, B., Sharpton, T., Fisher, P., & Pfeifer, J. (2019). Is adolescence the missing developmental link in gut-brain axis communication? *Developmental Psychobiology*, (5):783-795. PMID: 30690712 PMCID: PMC6776431

Alba, L., **Flannery, J.,** Shapiro, M., & Tottenham, N. (2019). Working Memory Moderates the Association Between Early Institutional Care and Separation Anxiety Symptoms in Late Childhood and Adolescence. *Development and Psychopathology,* (3):989-997.PMID: 31038094 PMCID: PMC6620150

Callaghan, B., Gee, D., Gabard-Durnam, L.J., Telzer, E., Humphreys, K., Goff, B., Shapiro, M., **Flannery, J.**, Lumian, D., Fareri, D., Caldera, C., & Tottenham, N. (2019). Decreased amygdala reactivity to parent cues protects against anxiety following early adversity: an examination across 3 years. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 4(7):664-671*.* PMID: 30952600 PMCID: PMC6612442

2018

Op de Macks, Z\*., **Flannery, J.\*,** Peake, S., Flournoy, J., Mobasser A., Alberti, S., Fisher, P., & Pfeifer, J. (2018). Novel insights from the Yellow Light Game: Safe and risky decisions differentially impact adolescent outcome-related brain function. *Neuroimage,* 181:568-581.PMID: 29940284 PMCID: PMC6777552

Horn, S.R., Roos, L.E., Beauchamp, K.G., **Flannery, J.E.**, & Fisher, P.A. (2018). Polyvictimization and externalizing symptoms in foster care children: the moderating role of executive function. *Journal of Trauma & Dissociation,* 9(3):307-324.PMID: 29547079 PMCID: PMC6774668

Roos, L., Beauchamp, K., **Flannery, J.,**&Fisher, P. (2018). Cultural contributions to executive function. *Journal of Cognition and Culture.*

2017

**Flannery, J.,** Gabard-Durnam, L., Shapiro, M., Goff, B., Caldera, C., Louie, J., Gee, D., Telzer, E., Humphreys, K., Lumian, D., & Tottenham, N. (2017). Diurnal cortisol after early institutional care - age matters. *Developmental Cognitive Neuroscience,* 25:160-166.PMID: 28442223 PMCID: PMC5520669

**Flannery, J.,** Giuliani, N., Flournoy, J., & Pfeifer, J. (2017). Neurodevelopmental changes across adolescence in viewing and labeling dynamic peer emotions. *Developmental Cognitive Neuroscience,*25:113-127.PMID: 28262423 PMCID: PMC5764159

Vantieghem, M.R., Gabard-Durnam, L., Goff, B., **Flannery, J.,** Humphreys, K.L., Telzer, E.H., Caldera, C., Louie, J.Y., Shapiro, M., Bolger, N., & Tottenham, N. (2017). Positive valence bias and parent-child relationship security moderate the association between early institutional caregiving and internalizing symptoms. *Development and psychopathology*, 29(2): 519–533. PMCID: PMC5937229 PMID: 28401841

Fareri D., Laurel Gabard-Durnam. L., Goff, B., **Flannery, J.,** Gee., B., Lumian, D., Caldera, C., & Tottenham, N. (2017). Altered ventral striatal-medial prefrontal cortex resting-state connectivity mediates adolescent social problems after early institutional care. *Development and Psychopathology*, 29(5):1865-1876. PMID: 29162189 PMCID: PMC5957481

**Flannery, J.E**., Beauchamp, K.G., & Fisher, P.A. (2017). The role of social buffering on chronic disruptions in quality of care: evidence from caregiver-based interventions in foster children. *Social Neuroscience*, 12(1), 86-91. PMID: 27021231 PMCID: PMC5372832

2016

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., & Tottenham, N. (2016). Previous institutionalization is followed by broader amygdala–hippocampal–PFC network connectivity during aversive learning in human development. *Journal of Neuroscience*, 36(24), 6420-6430. PMID: 27307231 PMCID: PMC5015779

Gabard-Durnam, L.J., Gee, D. G.,Goff, B., **Flannery, J.,** Telzer, E., Humphreys, K.L., Lumian, D., Fareri, D., Caldera, C., & Tottenham N. (2016). Stimulus-elicited connectivity influences resting-state connectivity years later in human development: A prospective study. *Journal of Neuroscience,*36(17), 4771-4784.PMID: 27122035 PMCID: PMC4846673

Green, S.A., Goff, G., Gee, D.G., Gabard-Durnam, L., **Flannery, J.,** Telzer, E.H., Humphreys, K., Louie, J., & Tottenham, N. (2016). Discrimination of amygdala response predicts future separation anxiety in youth with early deprivation. *Journal of Child Psychology and Psychiatry*, 57(10), 1135-1144. PMID: 27260337 PMCID: PMC5030125

Fisher, P.A., Beauchamp, K.G., Roos, L.E., Noll, L.K., **Flannery, J.,** & Delker, B.C. (2016). The Neurobiology of Intervention and Prevention in Early Adversity. *Annual Review of Clinical Psychology*, 12, 331-357. PMID: 26666968

2015

Humphreys, K.L., Telzer, E.H., **Flannery, J.,** Goff, B., Gabard-Durnam, L., Gee, D.G., Lee, S.S., & Tottenham, N. (2015). Risky decision making from childhood through adulthood: Contributions of learning and sensitivity to negative feedback. *Emotion*, 16(1), 101. PMID: 26389647 PMCID: PMC4718882

Fareri D.S., Gabard-Durnam., L, Goff B., **Flannery J.,** Gee D.G., Lumian D.S., Caldera C., & Tottenham N. (2015). Normative development of ventral striatal resting state connectivity in humans. *Neuroimage*, 118, 422-437. PMID: 26087377 PMCID: PMC5553607

Telzer, E.H., **Flannery, J.,** Humphreys, K.L., Goff, B., Gabard-Durman, L., Gee, D.G., & Tottenham, N. (2015). “The Cooties Effect”: Amygdala reactivity to opposite- versus same-sex faces declines from childhood to adolescence. *Journal of Cognitive Neuroscience,* 7(9):1685-96.PMID:25848681 PMCID: PMC5723398

Humphreys, K.L., Lee, S.S., Telzer, E.H., Gabard‐Durnam, L.J., Goff, B., **Flannery, J.,** & Tottenham, N. (2015). Exploration—Exploitation strategy is dependent on early experience. *Developmental Psychobiology*, 57(3), 313-321. PMID: 25783033 PMCID: PMC5934758

2014

Gee\*, D., Gabard-Durnam\*, L., Telzer, E., Humphreys, K., Goff, B., Shapiro, M., **Flannery, J.,** Lumian, D., Fareri, D., Caldera, C., & Tottenham, N. (2014). Maternal buffering of human amygdala–prefrontal circuitry during childhood but not adolescence. *Psychological Science,* 25(11): 2067–2078.PMID: 25280904 PMCID: PMC4377225

Gabard-Durnam, L., **Flannery, J.,** Goff, B., Gee, D., Humphreys, K., Telzer, E., Hare, T., & Tottenham, N. (2014). The development of human amygdala functional connectivity at rest from 4 to 23years: A cross-sectional study. *Neuroimage*, 95, 193-207. PMID: 24662579 PMCID: PMC4305511

2013

Gee, D., Gabard-Durnam, L., **Flannery, J.,** Goff, B., Humphreys, K., Telzer, E., Hare, T., Bookheimer, S., & Tottenham, N. (2013). Early developmental emergence of human amygdala–prefrontal connectivity after maternal deprivation. *Proceedings of the National Academy of Sciences*, 110(39), 15638-15643. PMID: 24019460 PMCID: PMC3785723

Goff, B., Gee, D.G., Telzer, E.H., Humphreys, K.L., Gabard-Durnam, L., **Flannery, J.,** & Tottenham, N. (2013). Reduced nucleus accumbens reactivity and adolescent depression following early-life stress. *Neuroscience*, 249, 129-138. PMID: 23262241 PMCID: PMC3646076

Gee, D., Humphreys, K., **Flannery, J.,** Goff, B., Telzer, E., Shapiro, M., Bookheimer, S., & Tottenham N. (2013). A developmental shift from positive to negative connectivity in human amygdala–prefrontal circuitry. *Journal of Neuroscience*, 33(10), 4584-4593. PMID: 23467374 PMCID: PMC3670947

Telzer, E.H., **Flannery, J.,** Shapiro, M., Humphreys, K., Goff, B., Gabard-Durman, L., Gee, D.G., & Tottenham, N. (2013). Early experience shapes amygdala sensitivity to race: an international adoption design. *Journal of Neuroscience*, 33(33), 13484-13488. PMID: 23946406 PMCID: PMC3742934

Olsavsky, A.K., Telzer, E.H., Shapiro, M., Humphreys, K.L., **Flannery, J.,** Goff, B., & Tottenham, N. (2013). Indiscriminate amygdala response to mothers and strangers after early maternal

deprivation. *Biological Psychiatry*, 74(11), 853-860.PMID: 23810622 PMCID: PMC3818506

Tottenham, N., Phuong, J., **Flannery, J.,** Gabard-Durnam, L., & Goff, B. (2013). A negativity bias for ambiguous facial-expression valence during childhood: Converging evidence from behavior and facial corrugator muscle responses. *Emotion*, 13(1), 92.

PMID: 22906084 PMCID: PMC4006094

Book Chapters

Roos, L., Beauchamp, K., **Flannery, J.,** Horn, S., & Fisher, P. (2018) Interventions, Stress During Development, and Psychosocial Environment. *International Handbook of Social Neuroendocrinology*

Manuscripts Under Review

**Flannery, J.E.,** Penner-Goeke, L., Xie, E., Prince, D., Callaghan, B., Tomfohr-Madsen, L., Roos, L.E. (under review). Digital Parent Training Randomized Control Trial Meta-Analysis and Systematic Review. Preprint: <https://psyarxiv.com/cpd9b/download/?format=pdf>

Barendse, M., **Flannery**, J. E., Cavanagh, C., Aristizabal, M., Becker, S. P., Berger, E., … Pfeifer, J. H. Longitudinal change in adolescent depression and anxiety symptoms from before to during the COVID-19 pandemic: An international collaborative of 12 samples. Preprint: <https://doi.org/10.31234/osf.io/hn7us>

**MENTOR EXPERIENCE**

Project SHORT (Student Health Opportunities and Research Training) 2020

Mentor and consultant for underrepresented PhD Applicant

in STEM fields. This position includes researching and providing resources

to reduce cost and international barriers, reviewing and editing application

materials, and administering mock interviews.

International (virtual)

Developmental Social Neuroscience Lab 2020-2021

*University of North Carolina at Chapel Hill*

Leading and Supervising Teen Advisory Panel

Teen advisory panel consists of high school students with the goal to bring

diverse adolescent voices into the forefront of our study design and interpretations.

Two students completed an internship project and held 7hours/week positions.

Developmental Social Neuroscience Lab 2017-2018

*University of Oregon*

Supervised two research assistants.

Each worked minimum of 2 hours/week and held quarterly positions.

Center for Translational Neuroscience’s2018, 2016

National Science Foundation Workshop

*University of Oregon*

Served as a graduate mentor for students applying for NSF-GRFP across disciplines, including Psychology, Biology, Neuroscience, and Computer Science.

Stress Neurobiology, Prevention and Intervention Lab 2016

*University of Oregon*

Supervised two research assistants.

Each worked 10-15 hours/week and held 6-month positions.

Developmental Affective Neuroscience Lab 2011 - 2013

*University of California, Los Angeles*

Supervised up to 20 research assistants at any given time.

Each worked 10-15 hours/week and held 1-year positions.

**CLINICAL PSYCHOTHERAPY & ASSESSMENT EXPERIENCE**

**Postdoctoral Clinical Experience** 2021-Current

*University of Washington School of Medicine, Seattle Children’s Hospital*

*Dogwood Psychology Center for Children and Families*

Providing adolescent diagnostic evaluations for an adolescent digital behavioral activation NIH RCT.

Leading group therapist for telehealth parent behavioral management training for an NIH RCT.

Proving outpatient therapy and psychological assessments.

-Provisionally licensed psychologist (passed state and national examinations).

**Child Psychology Residency** 2019-2020

*University of Washington School of Medicine, Seattle Children’s Hospital*

Treated patients in a 40-bed inpatient child and adolescent psychiatric behavioral unit.

Gained expertise in child and adolescent outpatient therapy and parent-management training.

Provided pediatric neuropsychological assessments in both inpatient and medical settings.

Trained in trauma, anxiety, OCD, conduct, depression, ADHD, homicidal and suicidal ideation,

suicide attempts, severe aggression and self-injury.

Co-developed and executed a brief parent behavioral management intervention for families

in acute crisis for externalizing behaviors (e.g., severe aggression) following COVID-19.

**General Pediatric Psychological and Pediatric Neuropsychology** 2016 – 2019

*Child Development and Rehabilitation Center, Slocum Center for Orthopedics and Sports Medicine*

Provided adolescent neuropsychological evaluations.

Collaborated on multidisciplinary teams across specialties to provide wraparound care.

**Child, Adolescent, and Adult Psychotherapy & Diagnostic Assessment** 2014-2018

*University of Oregon, Oregon, Oregon Community Center*

Completed advanced clinical psychology training in cognitive behavioral therapy,

mindfulness-based stress reduction, and mindfulness-based cognitive therapy.

Provided evidenced-based care to over 200 clients experiencing depression, anxiety, and suicidal ideation.

**CLINICAL ASSESSMENT TRAINING**

General Intelligence Testing Batteries

Wechsler Intelligence Scale for Children (WISC V) | Wechsler Adult Intelligence Scale (WAIS IV) | Wechsler Abbreviated Scale of Intelligence (WASI-II) | Wechsler Preschool and Primary Scale of Intelligence-IV (WPPSI-IV)

Neuropsychological Batteries

Wechsler Memory Scale (WMS) | California Verbal Learning Test (CVLT) |

California Verbal Learning Test- Child (CVLT-C) | Wide Range Assessment of Memory and Learning Second Edition (WRAML2) |A Developmental Neuropsychological Assessment (NEPSY) | Delis–Kaplan Executive Function System (D-KEFS)| Wechsler Individual Achievement Test (WIAT II) | Conners' Continuous Performance Test - Third Edition (CPT-3)

Diagnostics Batteries

Kiddie Schedule for Affective Disorders and Schizophrenia (K-SADS) | Children’s Depression Rating Scale-Revised (CDRS-R) | Self-Injurious Thoughts and Behaviors Interview (SITBI) | Children’s Experience of Care and Abuse (CECA) | Children and Adolescent Needs and Strength (CANS) 0-5 years old) | Structural Clinical Interview for DSM IV, V (SCID II)

Evidenced-Informed Intervention Training

Cognitive Behavioral Therapy (CBT)| Behavioral Activation with Depressed Adolescents (BA) | Collaborative Assessment and Management of Suicidality (CAMS) | Parent Management Training Oregon (PMTO) | Parent Behavioral Management Training (PBMT) | Incredible Years (IY) | Trauma-Focused Cognitive Behavioral Therapy (TF-CBT): online certification | Mindfulness-Based Cognitive Therapy (MBCT) | Mindfulness Based Stress Reduction (MBSR) | Filming Interactions to Nurture Development (FIND) | Multidimensional Treatment Foster Care –Preschool (MTFC-P) | Early Intervention Foster Care (EIFC)

**CLINICAL SUPERVISOR EXPERIENCE**

Seattle Children’s Hospital 2019-2020

Supervised two UW school psychology practicum student in the psychological behavioral management inpatient setting. This included titrating consult requests, determining how to answer consult question and with what tools, interviews, as well as interpretation. Mentored a UW clinical psychology practicum student in the context of neuropsychological interviewing, profile interpretation and report writing. This included individual and live supervision. I followed a tiered supervisory model, in line with the developmental model of supervision.

Seattle, WA

Child Development and Rehabilitation Center (CDRC) 2018

Supervised a school psychology student in the administration of various neuropsychological batteries. This included individual and live supervision. I followed a tiered supervisory model, in line with the developmental model of supervision.

Eugene, OR

**TEACHING EXPERIENCE**

Instructor

Co-Instructor, Psychopathology (PSY 469), 2014

Psychology Department, University of Oregon.

Guest Lectures

*Parental Behavior,* Hormones & Behavior (PSY 450), 2016

Psychology Department, University of Oregon.

*Brain Development,* Child Development (PSY 376), 2013

Psychology Department, University of Oregon.

Graduate Teaching Fellow

Mind and Society Brain (PSY 202), 2014

Psychology Department, University of Oregon.

Child Development (PSY 376), 2014

Psychology Department, University of Oregon.

Thinking (PSY 330), 2013

Psychology Department, University of Oregon.

**MEDIA OUTREACH**

Roos, L., **Flannery, J**. 2020

“Try these 8 tips to reduce parenting stress during the coronavirus pandemic”

*The Conversation*

Radio interview “A Possible Link Between Gut Bacteria And Kids’ Behavior” 2020

*Think Out Loud. Oregon Public Broadcasting.*

TEDxUOregon “Teen Behaviors—What’s the gut got to do with it?” 2019

Radio interview on teenage risk-taking. 2018

*BYU Radio, Matt Townsend Show.*

**Flannery, J**., Berkman, E., & Pfeifer, J. 2018

“Teens aren’t just risk machines- there’s a method to their madness”

*The Conversation*

I Study Poop – Adventures from Researchers on the Front Line 2016

*The Two Brains Blog*

**OPEN SCIENCE TRAININGS AND CONTRIBUTIONS**

Trainings

ABCD-RepoNim Course 2020-2021

Beyond Statistical Significance: Finding Meaningful Effects 2020

Directors: NIDA

Virtual

Neurohackademy 2020

Directors: Ariel Rokem & Tal Yarkoni

Virtual

NIBL fMRI Reproducibility Workshop 2017

Directors: Burger, K., & Shearrer, G.

Carborro, NC

BrainHack Global, Eugene Chapter participant 2017, 2018, 2019

Contributions

**Flannery, J.,** (2019, November). Preregistration: updated challenges and solutions for complex study design. Presented at BrainHack Global, Eugene Chapter.

**Flannery, J.** (2018, October). Flannery Dissertation Preregistration: The “Depressed” Gut-Brain Axis during Adolescence. Retrieved from osf.io/cb7ys

**Flannery, J.,** (2018, May). Preregistration: challenges and solutions for fMRI.

Presented at BrainHack Global, Eugene Chapter.

**Flannery, J.** (2018, May). fMRI Preregistration Template.

Retrieved from osf.io/6juft

GitHub: jessicaflannery

OSF: Jessica Flannery: https://osf.io/ps7bz/

NeuroVault collections:

**Flannery** et al., 2017

Op De Macks\* & **Flannery**\* et al., 2018

**PROFESSIONAL ACTIVITIES AND AFFILIATIONS**

Committees

FLUX Trainee Committee, member 2020-present

Graduate Admissions Committee, student member 2015 & 2017

Ad Hoc Reviewer

Developmental Cognitive Neuroscience | Journal of Adolescent Health | Development and Psychopathology | Developmental Psychobiology | Translational Psychiatry | Frontiers

Membership in Academic Societies

Association for Psychological Science **|** American Psychological Association **|** Society for Research on Child Development **|** Social Affective Neuroscience Society **|** FLUX Congress

**PROFESSIONAL WORKSHOPS**

Modeling Developmental Change FLUX Pre-Conference Workshop. 2017

Directors: Bryne, M., Mills, K., Pfeifer, J., & Allen, N.

Portland, OR

Harvard’s Center on the Developing Child: 2017

Frontiers of Innovation Science-Based Innovation Training.

Director: Fisher, P.

Eugene, OR

Oregon State University Microbiome Initiative (OMBI): 2017

Microbiome Informatics Training Workshop; Microbiome Research Forum.

Directors: Sharpton, T., & Zaneveld, J.

Corvallis, OR

Modeling Developmental Change: 2016

Integrating Advanced Neuroimaging and Statistical Methods.

Directors: Bryne, M., & Allen, N.

Eugene, OR

NIH Grant Writing Seminar. 2015 & 2017

Directors: Fisher, P., & Kuhl, B.

Eugene, OR

The 2015 Mortimer D. Sackler, M.D., Summer Institute: 2015

The Effects of Acute and Chronic Stress on

Brain and Behavior Throughout Development.

Directors: Casey, B.J., and Gee, D.

New York, NY

The Neurodevelopment of Stress Regulation, 2015

Social Buffering and Fear Learning: Integration and

Crosstalk. National Science Foundation Grant 1439258.

Director: Gunnar, M.

Washington, DC

**ADDITIONAL TRAINING & WORKSHOPS**

Data Camp Data Scientist in R Track 2017 – Present

MRI Operator. *40-hour training, 50+ scans as operators*  2015 – 2019

University of Oregon

MRI Safety Certified. *150+ scans* 2013 – 2019

University of Oregon

Quality Mental Health Professional (QMHP) 2015

Trillium | Oregon Community Program

GTF Series Teaching Challenging Content and Facilitating 2013

Class Discussions. *3-day training*

University of Oregon

Teaching Effectiveness Program Basic Teaching Training 2013

University of Oregon

MRI operator. *~100 scans* 2011 - 2013

University of California, Los Angeles

MRI Safety Certified. *50+ scans* 2011 - 2013

University of California, Los Angeles