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## John C Flournoy

Postdoctoral Fellow

January 6, 2020

### positions

Postdoctoral Fellow, Harvard University, 2018–present  
Graduate Research/Teaching Fellow, University of Oregon, 2012–2018  
Research Coordinator, Stanford University School of Medicine, 2009–2012

### education

Ph.D. Psychology, University of Oregon, 2018.  
Dissertation: *Adolescent Social Motives: Measurement and Implications*.  
M.S. Psychology, University of Oregon, 2014  
B.A. Cognitive Science, University of California, Berkeley, 2004

### pre-pub

Andrews, J. L., Mills, K. L., **Flournoy, J. C.**, Flannery, J., Mobasser, A., Ross, G., ... Pfeifer, J. H. (2019). Rethinking adolescent risk-taking: Perception of social risk impacts expected involvement in health-risk behaviour during adolescence. [10.31234/osf.io/3rqeb](https://doi.org/10.31234/osf.io/3rqeb)

Pfeifer, J. H. <sup>\*</sup>, **Flournoy, J. C.**<sup>\*</sup>, Cheng, T. W., Cosme, D., Flannery, J., & Vijayakumar, N. (2019). Improving Practices and Inferences in Developmental Cognitive Neuroscience. [10.31234/osf.io/ez5sf](https://doi.org/10.31234/osf.io/ez5sf)

Barendse, M., Cosme, D., **Flournoy, J. C.**, Vijayakumar, N., Cheng, T. W., Allen, N. B., & Pfeifer, J. H. (2019). Neural correlates of self-evaluation during puberty. [10.31234/osf.io/r2pjm](https://doi.org/10.31234/osf.io/r2pjm)

Byrne, M. L., Chavez, S., Vijayakumar, N., Cheng, T. W., **Flournoy, J. C.**, Barendse, M., ... Pfeifer, J. H. (2019, July 3). Multi-method confirmatory factor analyses of puberty in early adolescent girls. [10.31234/osf.io/pue6f](https://doi.org/10.31234/osf.io/pue6f)

Vijayakumar, N., Shirtcliff, E., Byrne, M. L., Mills, K. L., Cheng, T. W., Mobasser, A., ... Pfeifer, J. H. (2019). Pubertal hormones and brain structure: Exploring the value of hair assays. [10.31234/osf.io/btf4y](https://doi.org/10.31234/osf.io/btf4y)

Barendse, M., Vijayakumar, N., Byrne, M. L., Flannery, J., Cheng, T. W., **Flournoy, J. C.**, ... Pfeifer, J. H. (2019). Study protocol: Transitions in Adolescent Girls (TAG). [10.31234/osf.io/pvsbw](https://doi.org/10.31234/osf.io/pvsbw)

Cheng, T., Vijayakumar, N., **Flournoy, J. C.**, de Macks, Z. O., Peake, S. J., Flannery, J. E., Mobasser, A., Alberti, S. L., Fisher, P. A., & Pfeifer, J. H. (2019). Feeling left

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<sup>\*</sup>Joint first authorship

out or just surprised? Neural correlates of social exclusion and expectancy violations in adolescence. [10.1101/524934](https://doi.org/10.1101/524934)

Vijayakumar, N., **Flournoy, J. C.**, Mills, K. L., Cheng, T. W., Mobasser, A., Flannery, J., Allen, N. B., & Pfeifer, J. H. (2019). Getting to know me better: An fMRI study of intimate and superficial self-disclosure to friends during adolescence. [10.31234/osf.io/h8gkc](https://doi.org/10.31234/osf.io/h8gkc)

- journal articles Ludwig, R. M., **Flournoy, J. C.**, & Berkman, E. T. (2019)<sup>†</sup>. Inequality in personality and temporal discounting across socioeconomic status? Assessing the evidence. *Journal of Research in Personality*. [10.1016/j.jrp.2018.10.006](https://doi.org/10.1016/j.jrp.2018.10.006)
- Thalmayer, A. G., Saucier, G., **Flournoy, J. C.**, & Srivastava, S. (2019). Ethics-Relevant Values as Antecedents of Personality Change: Longitudinal Findings from the Life and Time Study. *Collabra: Psychology*, 5(1), 52. [10.1525/collabra.244](https://doi.org/10.1525/collabra.244)
- Thalmayer, A. G., Saucier, G., Srivastava, S., **Flournoy, J. C.** & Costello, C. K. (2019). Ethics Relevant Values in Adulthood: Longitudinal Findings from the Life and Time Study. *Journal of personality*. [10.1111/jopy.12462](https://doi.org/10.1111/jopy.12462)
- Vijayakumar, N., Pfeifer, J. H., **Flournoy, J. C.**, Hernandez, L. M., & Dapretto, M. (2019). Affective reactivity during adolescence: Associations with age, puberty and testosterone. *Cortex*, 117, 336–350. [10.1016/j.cortex.2019.04.024](https://doi.org/10.1016/j.cortex.2019.04.024)
- King, K. M., Littlefield, A., McCabe, C., Mills, K. L., **Flournoy, J. C.**, & Chassin, L. (2018). Longitudinal modeling in developmental neuroimaging research: Common challenges, and solutions from developmental psychology. *Developmental Cognitive Neuroscience*. [10.1016/j.dcn.2017.11.009](https://doi.org/10.1016/j.dcn.2017.11.009)
- op de Macks, Z. A., Flannery, J. E., Peake, S. J., **Flournoy, J. C.**, Mobasser, A., Alberti, S. L., Fisher, P. A., & Pfeifer, J. H. (2018). Novel insights from the Yellow Light Game: Safe and risky decisions differentially impact adolescent outcome-related brain function. *NeuroImage*. [10.1016/j.neuroimage.2018.06.058](https://doi.org/10.1016/j.neuroimage.2018.06.058)
- Madhyastha, T., Peverill, M., Koh, N., McCabe, C., **Flournoy, J. C.**, Mills, K. L., King, K. M., Pfeifer, J. H., & McLaughlin, K. A. (2018). Current methods and limitations for longitudinal fMRI analysis across development. *Developmental Cognitive Neuroscience*. [10.1016/j.dcn.2017.11.006](https://doi.org/10.1016/j.dcn.2017.11.006)
- Matta, T., **Flournoy, J. C.**, & Byrne, M. (2018). Making an unknown unknown a known unknown: Missing data in longitudinal neuroimaging studies. *Developmental Cognitive Neuroscience*. [10.1016/j.dcn.2017.10.001](https://doi.org/10.1016/j.dcn.2017.10.001)
- Flannery, J. E., Giuliani, N., **Flournoy, J. C.**, & Pfeifer, J. H. (2017). Neurodevelopmental Changes Across Adolescence in Viewing and Labeling Dynamic

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<sup>†</sup>Registered report

Peer Emotions. *Developmental Cognitive Neuroscience*.

[10.1016/j.dcn.2017.02.003](https://doi.org/10.1016/j.dcn.2017.02.003)

Giuliani, N. R., **Flournoy, J. C.**, Ivie, E. J., Von Hippel, A., & Pfeifer, J. H. (2017). Presentation and Validation of the DuckEES Child and Adolescent Dynamic Facial Expressions Stimulus Set. *International Journal of Methods in Psychiatric Research*. [10.1002/mpr.1553](https://doi.org/10.1002/mpr.1553)

Leonard, J. A.\*, **Flournoy, J. C.\***, Lewis-de los Angeles, C. P. & Whitaker, K. J. (2017). How much motion is too much motion? Determining motion thresholds by sample size for reproducibility in developmental resting-state MRI. *Research Ideas and Outcomes* 3: e12569. [10.3897/rio.3.e12569](https://doi.org/10.3897/rio.3.e12569)

**Flournoy, J. C.**, Pfeifer, J. H., Moore, W. E., Tackman, A. M., Masten, C. L., Mazzotta, J. C., ... Dapretto, M. (2016). Neural Reactivity to Emotional Faces May Mediate the Relationship Between Childhood Empathy and Adolescent Prosocial Behavior. *Child Development*, 87(6), 1691–1702. [10.1111/cdev.12630](https://doi.org/10.1111/cdev.12630)

Goodkind, M. S., Gallagher-Thompson, D., Thompson, L. W., Kesler, S. R., Anker, L., **Flournoy, J.**, ... O'Hara, R. M. (2015). The impact of executive function on response to cognitive behavioral therapy in late-life depression. *International Journal of Geriatric Psychiatry*. [10.1002/gps.4325](https://doi.org/10.1002/gps.4325)

O'Hara, R., Marcus, P., Thompson, W. K., **Flournoy, J.**, Vahia, I., Lin, X., ... Jeste, D. V. (2012). 5-HTTLPR Short Allele, Resilience, and Successful Aging in Older Adults. *American Journal of Geriatric Psych*. [10.1097/JGP.0b013e31823e2d03](https://doi.org/10.1097/JGP.0b013e31823e2d03)

## Talks

(invited) **Flournoy, J. C.** (2019, May). Machine learning as a tool for diagnosis and theory testing. Presented as part of the Institute for Technology in Psychiatry Seminar Series, McLean Hospital, Boston, MA.

(co-presenter) Cosme, D. E., **Flournoy, J. C.**, Telzer, E., & Pfeifer, J. H. (2017, September). Traditional Modeling Approaches. Presented at the [Modeling Developmental Change workshop](#), Portland, OR.

(co-presenter) **Flournoy, J. C.**, Cosme, D. E., & Pfeifer, J. H. (2017, September). Orientation to fMRI. Presented at the [Modeling Developmental Change workshop](#), Portland, OR.

(co-presenter) Pfeifer, J. H., & **Flournoy, J. C.** (2016, April). Characterizing longitudinal change in brain function: Some problems and solutions. Presented at the Modeling Developmental Change conference, Eugene, OR.

(contributor) Srivastava, S., **Flournoy, J. C.**, Lawless DesJardins, N., & Saucier, G. (2015, June). Effects of Work Roles and Investments on Personality Change in Adulthood: Findings from a 4-year Accelerated Longitudinal

Study. Presented at the 4th biennial meeting of the Association for Research in Personality, St. Louis, MO.

(*contributor*) Tackman, A. M., Srivastava, S., **Flournoy, J. C.**, & Saucier, G. (2015, February). Relationships and personality development in adulthood: A multiple-informant approach. Presented at the 16th annual meeting of the Society of Personality and Social Psychology, Long Beach, CA.

(*presenter*) **Flournoy, J. C.**, Moore III, W. E., & Pfeifer, J. H. (2014, September). Using fMRI to study child and adolescent development: Thoughts from the trenches. Presented at the Special Meeting of the Society for Research in Child Development on Developmental Methodology, San Diego, CA.

## Posters

Flannery, J., Peake, S. J., **Flournoy, J. C.**, Alberti, S. L., Mobasser, A., Fisher, P. A., & Pfeifer, J. H. (2016). Neural Outcomes of Risk Decision: Prediction of Subsequent Behavioral Decision Across Social Contexts in Adolescence. Presented at the Annual Social Affective Neuroscience Conference, New York, NY.

Flannery, J. E., Giuliani, N., **Flournoy, J. C.**, & Pfeifer, J. H. (2015). Developmental Changes in Affect Processing: Brain Function and Connectivity to Peer Faces. Presented at the 8th Annual Meeting of the Social Affective Neuroscience Society Annual Meeting, Boston, MA.

Flannery, J., Giuliani, N., **Flournoy, J. C.**, & Pfeifer, J. H. (2015). Affective Reactivity and Regulation Across Adolescence: Neural Responses to Dynamic Peer Emotions. Presented at the Social Affective Neuroscience Society Annual Meeting, Boston, MA.

Flannery, J., Peake, S. J., **Flournoy, J. C.**, Alberti, S. L., Mobasser, A., Fisher, P. A., & Pfeifer, J. H. (2015). Positive and Negative Neural Feedback Processing of Risk Decisions Across Social Contexts in Adolescents. Presented at the 3rd Annual Flux Congress, Leiden, Netherlands.

**Flournoy, J. C.**, Peake, S. J., Alberti, S. L., Flannery, J. E., Mobasser, A., Fisher, P. A., & Pfeifer, J. H. (2015). Evaluation of a Bayesian cognitive model for adolescent risky decision making in the Stoplight Game. Presented at the Flux Congress, Leiden, Netherlands. [10.6084/m9.figshare.5393329.v1](https://doi.org/10.6084/m9.figshare.5393329.v1)

**Flournoy, J. C.**, Srivastava, S., & Saucier, G. (2015). A Network Approach to Longitudinal Personality Change. Presented at the Association for Research in Personality, 4th Biennial Meeting, St. Louis, MO. [10.6084/m9.figshare.1447279.v2](https://doi.org/10.6084/m9.figshare.1447279.v2)

Flannery, J., Giuliani, N., **Flournoy, J. C.**, & Pfeifer, J. H. (2014). Dynamic Neuropsychological Emotion Regulation Profiles Among Youth, 10-22 Year Old. Presented at the International Society of Developmental Psychobiology, Washington, D.C.

- Flournoy, J. C.**, Giuliani, N., Hill, A., Moore III, W. E., & Pfeifer, J. H. (2014). Labeling Emotional Faces Changes Affective Processing. Presented at the The Society for Research on Adolescence 15th Biennial Meeting, Austin, TX.
- Flournoy, J. C.**, Srivastava, S., Dapretto, M., & Pfeifer, J. H. (2014). Correlated Change in Components of Empathy During Adolescence. Presented at the The Society for Personality and Social Psychology 15th Annual Meeting, Austin, TX.
- Flournoy, J. C.**, Tackman, A., Moore III, W. E., Pfeifer, J. H., Mazziotta, J. C., Iacoboni, M., & Dapretto, M. (2014). Effect of Empathy on Prosocial Behavior Mediated by Brain Across the Transition into Adolescence. Presented at the Social & Affective Neuroscience Society 7th Annual Meeting, Denver, CO.
- Flournoy, J. C.**, Moore III, W. E., Srivastava, S., Mazziotta, J. C., Iacoboni, M., Dapretto, M., & Pfeifer, J. H. (2013). Neural Correlates of Empathy Development During Early Adolescence. Presented at the Social & Affective Neuroscience Society 6th Annual Meeting, San Francisco, CA.
- Chen, E., Anker, L., **Flournoy, J.**, Kovachy, B., Blaisdell, K., Weinkam, T., ... O'Hara, R. (2011). Comparison of Amount of REM Sleep and Cognitive Abilities in Normal Older Adults and Those with Sleep Apnea. Presented at the International College Of Geriatric Psychoneuropharmacology 11th Annual Meeting.
- Flournoy, J.**, Weinkam, T., Hallmayer, J., & O'Hara, R. (2011). Anxiety, Sleep Efficiency, and 5-HTTLPR Genotype in Older Adults. Presented at the Cognitive Neuroscience Society 18th Annual Meeting, San Francisco, CA.
- Marcus, P., Thompson, W. K., **Flournoy, J.**, Vahia, I., Lin, X., Hallmayer, J., ... O'Hara, R. (2010). 5-HTTLPR Short allele is Associated with Poorer Self-Perceptions of Successful Aging in Older Adults. Presented at the International College Of Geriatric Psychoneuropharmacology 10th Annual Meeting, Athens, Greece.
- Chapters**      Sudheimer, K., **Flournoy, J.**, Gershon, A., Demuth, B., Schatzberg, A., & O'Hara, R. (2013). The HPA Axis and Late Life Depression. In H. Lavretsky, M. Sajatovic, & C. Reynolds (Eds.), *Late-Life Mood Disorders* (1st ed.). Oxford University Press, USA.
- Awards**        The Sackler Scholar Programme in Psychobiology research grant, 2019  
Gary E. Smith Summer Professional Development Award, 2015  
Clarence and Lucille Dunbar Scholarship , 2014
- Special training**      *Neurohackweek, 2016*

*ICPSR Summer Program in Quantitative Methods of Social Research, 2015*

Causal Inference for the Social Sciences

Advanced Bayesian Models for the Social Sciences

**Service**

*Co-organizer:*

Brainhack Global 2017 @ Eugene, OR

*Facilitator:*

UO Data Science Club, 2013–2017

*Reviewer:*

Developmental Cognitive Neuroscience

Developmental Science

Psychiatry Research

Scientific Reports

Social Cognitive and Affective Neuroscience

*Co-reviewer:*

Society for Research in Child Development, Biennial Meeting, 2017

Journal of the American Academy of Child and Adolescent Psychiatry

Developmental Neuroscience

*Member:*

Graduate Admissions Committees, Psychology, University of Oregon, 2014

*Coordinator:*

Developmental Psychology Brown Bag, University of Oregon, Winter 2013

**Professional**

Flux Society, 2019-2020

**Memberships**

Society for Research in Child Development, 2019-2020

Society for the Improvement of Psychological Science, 2018-2020