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John C Flourney

Postdoctoral Fellow

May 9, 2019

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
M.S. Psychology, University of Oregon, 2014
B.A. Cognitive Science, University of California, Berkeley, 2004

pre-pub

Thalmayer, A. G., Saucier, G., **Flourney, J. C.**, & Srivastava, S. (in prep). Ethics-Relevant Values as Antecedents of Personality Change: Longitudinal Findings from the Life and Time Study.

Cheng, T., Vijayakumar, N., **Flourney, 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 out or just surprised? Neural correlates of social exclusion and expectancy violations in adolescence. *bioRxiv*, 524934. [10.1101/524934](https://doi.org/10.1101/524934)

Vijayakumar, N., **Flourney, 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. *PsyArXiv*. [10.31234/osf.io/h8gkc](https://doi.org/10.31234/osf.io/h8gkc)

Vijayakumar, N., Pfeifer, J. H., **Flourney, J. C.**, Hernandez, L. M., & Dapretto, M. (2019). Affective reactivity during adolescence: Associations with age, puberty and testosterone. *BioRxiv*, 524033. [10.1101/524033](https://doi.org/10.1101/524033)

journal articles

Thalmayer, A. G., Saucier, G., Srivastava, S., **Flourney, 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)

King, K. M., Littlefield, A., McCabe, C., Mills, K. L., **Flourney, 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)

Ludwig, R. M., **Flourney, J. C.**, & Berkman, E. T. (2018)*. Inequality in personality and temporal discounting across socioeconomic status? Assessing the

*Registered report: stage 1 accepted 2018; stage 2 submitted.

- evidence. *Journal of Research in Personality*.
[10.1016/j.jrp.2018.10.006](https://doi.org/10.1016/j.jrp.2018.10.006)
- 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).
 PsyArXiv:[10.31234/osf.io/6hfxc](https://doi.org/10.31234/osf.io/6hfxc)
- Flannery, J. E., Giuliani, N., **Flournoy, J. C.**, & Pfeifer, J. H. (2017). Neurodevelopmental Changes Across Adolescence in Viewing and Labeling Dynamic 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

[†] Authors contributed equally

Adults. *American Journal of Geriatric Psych.*
[10.1097/JGP.0b013e31823e2d03](https://doi.org/10.1097/JGP.0b013e31823e2d03)

Talks

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