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John C Flourney

Research Associate

June 21, 2021

positions

Research Associate, Harvard University, 2020–present
Postdoctoral Fellow, Harvard University, 2018–2020
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

Nelson, B., Flannery, J., Duell, N., **Flourney, J.**, Prinstein, M. J., & Telzer, E. (2021).
Concurrent and Prospective Associations Between Fitbit Derived RDoC
Arousal and Regulation Constructs and Adolescent Internalizing Sympt-
oms. [10.31234/osf.io/wvpt2](https://doi.org/10.31234/osf.io/wvpt2)
Byrne, M. L., Chavez, S., Vijayakumar, N., Cheng, T. W., **Flourney, J. C.**, Barendse,
M., ... Pfeifer, J. H. (2019). 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)

journal articles

2021

Gau, R., Noble, S., Heuer, K., Bottenhorn, K. L., Bilgin, I. P., Yang, Y.-F., Hunten-
burg, J. M., Bayer, J. M. M., Bethlehem, R. A. I., Rhoads, S. A., Vogelbacher,
C., Borghesani, V., Levitis, E., Wang, H.-T., Van Den Bossche, S., Kobeleva,
X., Legarreta, J. H., Guay, S., Atay, S. M., ... **Flourney, J. C.**, ... Zuo, X.-N.
(2021). Brainhack: Developing a culture of open, inclusive, community-
driven neuroscience. *Neuron*. [10.1016/j.neuron.2021.04.001](https://doi.org/10.1016/j.neuron.2021.04.001)
Nook, E. C., **Flourney, J. C.**, Rodman, A. M., Mair, P., & McLaughlin, K. A. (2021).
High Emotion Differentiation Buffers Against Internalizing Symptoms Fol-
lowing Exposure to Stressful Life Events in Adolescence: An Intensive Lon-
gitudinal Study. *Clinical Psychological Science*.
[10.1177/2167702620979786](https://doi.org/10.1177/2167702620979786)

2020

- Rodman, A. M., Vidal Bustamante, C. M., Dennison, M. J., **Flournoy, J. C.**, Copper-smith, D. D. L., Nook, E. C., Worthington, S., Mair, P., & McLaughlin, K. A. (2021). A Year in the Social Life of a Teenager: Within-Persons Fluctuations in Stress, Phone Communication, and Anxiety and Depression. *Clinical Psychological Science*. [10.1177/2167702621991804](https://doi.org/10.1177/2167702621991804)
- Andrews, J. L., Mills, K. L., **Flournoy, J. C.**, Flannery, J. E., Mobasser, A., Ross, G., Durnin, M., Peake, S., Fisher, P. A., & Pfeifer, J. H. (2020). Expectations of Social Consequences Impact Anticipated Involvement in Health-Risk Behavior During Adolescence. *Journal of Research on Adolescence*, 30(4), 1008–1024. [10.1111/jora.12576](https://doi.org/10.1111/jora.12576)
- Barendse, M. E. A., Cosme, D., **Flournoy, J. C.**, Vijayakumar, N., Cheng, T. W., Allen, N. B., & Pfeifer, J. H. (2020). Neural correlates of self-evaluation in relation to age and pubertal development in early adolescent girls. *Developmental Cognitive Neuroscience*, 44, 100799. [10.1016/j.dcn.2020.100799](https://doi.org/10.1016/j.dcn.2020.100799)
- Barendse, M. E. A., Vijayakumar, N., Byrne, M. L., Flannery, J. E., Cheng, T. W., **Flournoy, J. C.**, Nelson, B. W., Cosme, D., Mobasser, A., Chavez, S. J., Hval, L., Brady, B., Nadel, H., Helzer, A., Shirtcliff, E. A., Allen, N. B., & Pfeifer, J. H. (2020). Study Protocol: Transitions in Adolescent Girls (TAG). *Frontiers in Psychiatry*, 10. [10.3389/fpsyt.2019.01018](https://doi.org/10.3389/fpsyt.2019.01018)
- Cheng, T. W., Vijayakumar, N., **Flournoy, J. C.**, Op de Macks, Z., Peake, S. J., Flannery, J. E., Mobasser, A., Alberti, S. L., Fisher, P. A., & Pfeifer, J. H. (2020). Feeling left out or just surprised? Neural correlates of social exclusion and overinclusion in adolescence. *Cognitive, Affective, & Behavioral Neuroscience*, 20(2), 340–355. [10.3758/s13415-020-00772-x](https://doi.org/10.3758/s13415-020-00772-x)
- Flournoy, J. C.**, Vijayakumar, N., Cheng, T. W., Cosme, D., Flannery, J. E., & Pfeifer, J. H. (2020). Improving practices and inferences in developmental cognitive neuroscience. *Developmental Cognitive Neuroscience*, 45, 100807. [10.1016/j.dcn.2020.100807](https://doi.org/10.1016/j.dcn.2020.100807)
- Hughes, B. T., **Flournoy, J. C.**, & Srivastava, S. (2020). Is perceived similarity more than assumed similarity? An interpersonal path to seeing similarity between self and others. *Journal of Personality and Social Psychology*. [10.1037/pspp0000369](https://doi.org/10.1037/pspp0000369)
- Vidal Bustamante, C. M. V., Rodman, A. M., Dennison, M. J., **Flournoy, J. C.**, Mair, P., & McLaughlin, K. A. (2020). Within-person fluctuations in stressful life events, sleep, and anxiety and depression symptoms during adolescence: A multiwave prospective study. *Journal of Child Psychology and Psychiatry*. [10.1111/jcpp.13234](https://doi.org/10.1111/jcpp.13234)
- Vijayakumar, N., **Flournoy, J. C.**, Mills, K. L., Cheng, T. W., Mobasser, A., Flannery, J. E., Allen, N. B., & Pfeifer, J. H. (2020). Getting to know me better: An fMRI study of intimate and superficial self-disclosure to friends during

- adolescence. *Journal of Personality and Social Psychology*, 118(5), 885–899. [10.1037/pspa0000182](https://doi.org/10.1037/pspa0000182)
- 2019 Ludwig, R. M., **Flournoy, J. C.**, & Berkman, E. T. (2019)[†]. Inequality in personality and temporal discounting across socioeconomic status? Assessing the evidence. *Journal of Research in Personality*. [10.1016/j.jrp.2019.05.003](https://doi.org/10.1016/j.jrp.2019.05.003)
- 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)
- 2018 &c. 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 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

[†]Registered report

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.** (2021, May). *Scientific Practice in Developmental Cognitive Neuroscience*. Presented at the Lifespan Informatics and Neuroimaging Center, Department of Psychiatry, University of Pennsylvania Perelman School of Medicine.

(invited) Vazire, S., **Flournoy, J.**, Urry, H. (2020, May). *Salon: Open Science*. Presented at the Society for Affective Science, virtual conference.

(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., **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.

(conference) **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., **Flourney, 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.

Flourney, 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)

Flourney, 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., **Flourney, 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	<i>Neurohackweek, 2016</i>
	<i>ICPSR Summer Program in Quantitative Methods of Social Research, 2015</i>
	Causal Inference for the Social Sciences
	Advanced Bayesian Models for the Social Sciences
Service	<i>Associate Editor:</i>
	Collabra: Psychology
	<i>Reviews for:</i>
	Brain and Behavior
	Cognition & Emotion
	Collabra: Psychology
	Developmental Cognitive Neuroscience
	Developmental Science
	Neuroimage
	Neuroimage: Clinical
	Psychology Research and Behavior Management
	Psychiatry Research
	Scientific Reports
	Social Cognitive and Affective Neuroscience
	<i>Founder:</i>
	Longitudinal Methods Working Group, Harvard University, 2020–present
	<i>Co-organizer:</i>
	Brainhack Global 2017 @ Eugene, OR
	<i>Facilitator:</i>
	UO Data Science Club, University of Oregon, 2013–2017
	<i>Member:</i>
	Graduate Admissions Committees, Psychology, University of Oregon, 2014
	<i>Coordinator:</i>
	Developmental Psychology Brown Bag, University of Oregon, Winter 2013
Professional Memberships	Flux Society
	Society for the Improvement of Psychological Science