

Broadly, I am interested in understanding social, cognitive, and motivational factors that promote individual and collective behavior change. The overarching goal of my research is to use insights from neuroscience, psychology, and communication to design and evaluate translational interventions that facilitate behavior change, improve health and well-being, and promote civic participation across the lifespan. I am particularly interested in using participatory research methods to support adolescents and emerging adults to deepen their sense of self, and gain a sense of agency, purpose, and connection to their communities.

## ACADEMIC POSITIONS

---

<b>SCIENTIFIC DIRECTOR</b> CLIMATE COMMUNICATION DIVISION, ANNENBERG PUBLIC POLICY CENTER UNIVERSITY OF PENNSYLVANIA	2024 - PRESENT
<b>SENIOR RESEARCHER</b> COMMUNICATION NEUROSCIENCE LAB UNIVERSITY OF PENNSYLVANIA	2024 - PRESENT
<b>RESEARCH DIRECTOR</b> COMMUNICATION NEUROSCIENCE LAB UNIVERSITY OF PENNSYLVANIA	2022 - 2024
<b>POSTDOCTORAL RESEARCHER</b> COMMUNICATION NEUROSCIENCE LAB UNIVERSITY OF PENNSYLVANIA Supervisor: Dr. Emily Falk	2020 - 2022

## EDUCATION

---

<b>PH.D., PSYCHOLOGY, 2020</b> UNIVERSITY OF OREGON (EUGENE, OR) Advisors: Dr. Jennifer Pfeifer & Dr. Elliot Berkman
<b>M.S. PSYCHOLOGY, 2016</b> UNIVERSITY OF OREGON (EUGENE, OR) Master's Thesis Advisors: Dr. Jennifer Pfeifer & Dr. Elliot Berkman
<b>M.S. PSYCHOLOGY, 2014</b> STOCKHOLM UNIVERSITY (STOCKHOLM, SWEDEN) Master's Thesis Advisor: Dr. Stefan Wiens

**B.S. PSYCHOBIOLOGY, MINOR IN CHEMISTRY, 2009**  
CHAPMAN UNIVERSITY (ORANGE, CA)  
Honors in Psychology, Magna Cum Laude

**HONORS & AWARDS**

---

TOP PAPER AWARD   ICA Conference	2023
GRADUATE TRAVEL AWARD   SPSP Conference	2020
MARTHE E. SMITH MEMORIAL SCIENCE SCHOLARSHIP   University of Oregon	2019
LOKEY DOCTORAL SCIENCE FELLOWSHIP   University of Oregon	2019
BEVERLY FAGOT DISSERTATION FELLOWSHIP   University of Oregon	2018
GRADUATE SCHOOL TRAVEL & RESEARCH AWARD   University of Oregon	2017
GENERAL UNIVERSITY SCHOLARSHIP   University of Oregon	2017
MILLER FAMILY GRADUATE AWARD IN TECH. & SCIENCE   University of Oregon	2017
CLARENCE AND LUCILLE DUNBAR SCHOLARSHIP   University of Oregon	2016
JACOB’S FOUNDATION YOUNG SCHOLARS AWARD   SRCD Meeting	2015
STUDENT SCHOLARSHIP   International Symposium for Contemplative Studies	2014
UNDERGRADUATE TRAVEL GRANT   Chapman University	2009
GRAY KEY AWARD RECIPIENT   Chapman University	2009
PRESIDENTIAL SCHOLAR   Chapman University	2005-2009
NORRIS FOUNDATION SCHOLAR FOR THE BIO. SCIENCES   Chapman University	2005-2009

**EXTRAMURAL SUPPORT**

---

**INVESTIGATOR**

**W911NF-24-1-0349 (CO-I, PI: EMILY B. FALK)**  
Testing the impact of emotion regulation on well-being  
September 2024 - July 2027

**DARPA 140D0423C0048 (SENIOR RESEARCHER, PI: DAVID KOELLE)**  
Brain-Based Prediction of Influence Message Effectiveness (BB-PRIME) II-2  
May 2023 - April 2025

**LENTIC FUND (CO-I & RESEARCH DIRECTOR, PI: EMILY B. FALK)**  
Relationships between self-reflection and psychological well-being  
March 2022 - February 2025

**HOPELAB FOUNDATION (CO-PI, PI: EMILY B. FALK)**  
Wellness in college research network  
January 2021 - December 2023

**NCI F31CA232357 (PI)**  
Cancer Prevention through dietary change: training in translational neuroimaging  
April 2019 – March 2020

**TRAINEE**

**DARPA 140D0419C0093 (POSTDOCTORAL FELLOW, PI: DAVID KOELLE)**  
Brain-Based Prediction of Influence Message Effectiveness (BB-PRIME)

DANIELLE COSME | AUGUST 2025

October 2019 - November 2022

**ARO W911NF-18-1-0244 (POSTDOCTORAL FELLOW, PI: EMILY B. FALK)**

Multiscale integration of neural, social, and network theory to understand and predict transitions from illness to wellness: a proof of concept with mindfulness, hypnosis and alcohol use disorders  
July 2018 - July 2023

**NIDA R21DA043015 (CO-AUTHOR & PROJECT DIRECTOR, PI: JENNIFER H. PFEIFER)**

Choosing to regulate: An fMRI investigation of autonomous versus controlled self-regulation and substance use in late adolescence  
August 2017 - July 2019

**NCI CA211224 (GRADUATE RESEARCH FELLOW, PI: ELLIOT T. BERKMAN)**

Devaluing energy-dense foods for cancer Control: Translational neuroscience  
August 2017 - July 2022

**NIMH R01MH107418 (GRADUATE RESEARCH FELLOW, PI: JENNIFER H. PFEIFER)**

Puberty, neural systems for social processes, and early adolescent mental health: A longitudinal neuroimaging study  
August 2015 - March 2021

## PUBLICATIONS

---

### 2025 & IN PRESS

Sinclair, A. H., **Cosme, D.**, Lydic, K., Reinero, D. A., Mann, M. E., & Falk, E. B. (In press). Reply to Loh & Ren: Motivating Action among Climate Change Believers. *Proceedings of the National Academy of Sciences*.

Sinclair, A. H., **Cosme, D.**, Lydic, K., Reinero, D. A., Mann, M. E., & Falk, E. B. (2025). Reply to Dablander et al.: Identifying interventions that change intentions lays a valuable foundation for behavior change. *Proceedings of the National Academy of Sciences*, 122(28), e2513159122.

Sinclair, A. H., **Cosme, D.**, Lydic, K., Reinero, D. A., Carreras-Tartak, J., Mann, M. E., & Falk, E. B. (2025). Behavioral interventions motivate action to address climate change. *Proceedings of the National Academy of Sciences*, 122(20), e2426768122.

Sinclair, A. H., Harris, M. J., Andris, C., **Cosme, D.**, Peters, E., Fagerlin, A., ... & Weitz, J. S. (2025). NIH indirect cost cuts will affect the economy and employment. *Nature Human Behaviour*, 1-2.

Jovanova, M., Stanoi, O., Scholz, C., Doré, B., **Cosme, D.**, Kang, Y., ... & Falk, E. B. (2025). Neural responses to peers moderate conversation-drinking associations in daily life. *Scientific Reports*, 15(1), 26914.

**Cosme, D.**, Chan, H. Y., Sinclair, A. H., Benitez, C., Lydic, K., Martin, R. E., Resnick, A., Carreras-Tartak, J., Cooper, N., Paul, A. M., Koelle, D., McVay, J., Falk, E. B., & Scholz, C. (2025) Perceived self and social relevance of content motivates news sharing across cultures and topics. *PNAS Nexus*, 4(2), pgaf019.

Guazzelli Williamson, V., Barendse, M. E. A., Chavez, S. J., Flournoy, J. C., Cheng, T. W., **Cosme, D.**, Byrne, M. L., Allen, N. B., Mills, K. L., & Pfeifer, J.H. (2025) A Longitudinal Neuroimaging Study of DANIELLE COSME | AUGUST 2025

Adolescent Girls' Mentalizing and Perspective-Taking Tendencies. *Developmental Cognitive Neuroscience*, 101526.

## 2023

**Cosme, D.**, Mobasser, A., & Pfeifer J. H. (2023) If you're happy and you know it: Neural correlates of self-evaluated psychological health and well-being. *Social Cognitive and Affective Neuroscience* 18(1), nsad065.

Kang, Y., Ahn, J., **Cosme, D.**, Mwilambwe-Tshilobo, L., McGowan, A., Zhou, D., Boyd, Z. M., Jovanova, M., Stanoi, O., Mucha, P. J., Ochsner, K. O., Bassett, D. S., Lydon-Staley, D. M., & Falk, E. B. (2023). Frontoparietal functional connectivity moderates the link between time spent on social media and subsequent negative affect in daily life. *Scientific Reports* 13(1), 20501.

Smith, B. J., Lipsett, M., **Cosme, D.**, Braun, V. A., Browning O'Hagan, A. M., & Berkman, E. T. (2023) Striatal response to negative feedback in a stop signal task operates as a multi-value learning signal. *Imaging Neuroscience*, 1, 1-16.

Chan, H. Y., Scholz, C., **Cosme, D.**, Martin, R. E., Benitez, C., Resnick, A., Carreras-Tartak, J., Cooper, N., Paul, A. M., & Falk, E. B. (2023) Neural signals predict information sharing across cultures. *Proceedings of the National Academy of Sciences* 120(44), e2313175120.

Pei, R., **Cosme, D.**, Andrews, M., Mattan, B. D., & Falk, E. B. (2023) Cultural influence on COVID-19 cognitions and growth speed: The role of cultural collectivism. *Social and Personality Psychology Compass* 17(12), e12908.

Jovanova, M., **Cosme, D.**, Doré, B., Kang, Y., Stanoi, O., Cooper, N., Helion, C., Lomax, S., McGowan, A. L., Boyd, Z. M., Bassett, D. S., Mucha, P. J., Ochsner, K. N., Lydon-Staley, D. M., Falk, E. B. (2023) Psychological distance intervention reminders reduce alcohol consumption frequency in daily life. *Scientific reports* 13(1), 12045.

Minich, M., Falk, E. B., Cooper, N., **Cosme, D.**, Chan, H. Y., Pei, R., O'Donnell, M. B., Cascio, C. N. (In Press). Neural correlates associated with conformity in adolescent and young adult men. *Developmental Cognitive Neuroscience*.

Zhou, D., Kang, Y., **Cosme, D.**, Jovanova, M., He, X., Mahadevan, A., ... Bassett, D. S. (2023) Mindfulness Promotes Control of Brain Network Dynamics for Self-Regulation and Discontinues the Past from the Present. *Proceedings of the National Academy of Sciences* 120.2: e2201074119.

## 2022

McGowan, A. L., Sayed, F., Boyd, Z. M., Jovanova, M., Kang, Y., Speer, M. E., **Cosme, D.**, Mucha, P. J., Ochsner, K. N., Bassett, D. S., Falk, E. B., Lydon-Staley, D. M. (2022) Dense sampling approaches for psychiatry research: Adventures with scanners and smartphones. *Biological Psychiatry*.

Kang, Y., **Cosme, D.**, Lydon-Staley, D. M., Ahn, J., Jovanova, M., Corbani, F., Lomax, S., Stanoi, O., Strechet, V., Mucha, P. J., Ochsner, K. N., Bassett, D. S., Falk, E. B. (2022) Alcohol Cue Reactivity in the Ventral Striatum and Daily Purpose in Life Moderate the Relationship between Alcohol Craving and Consumption in College Students. *Addiction*, 117(12), 3049-3057.

**Cosme, D.**, Scholz, C., Chan, H-Y., Doré B. P., Pandey, P., Carreras-Tartak, J., Cooper, N., Paul, A., Burns, S. M., & Falk, E. B. (2022) Message self and social relevance increases intentions to share

content: Correlational and causal evidence from six studies. *Journal of Experimental Psychology: General*.

**Cosme, D.**, Flounoy, J. C., Livingston, J. L., Lieberman, M. D., Dapretto, M., Pfeifer, J. H. (2022) Testing the adolescent social reorientation model during self and other evaluation using hierarchical growth curve modeling with parcellated fMRI data. *Developmental Cognitive Neuroscience*, 54, 101089.

Wiens, S., Eklund, R., Szychowska, M., Miloff, A., **Cosme, D.**, Pierzchajlo, S., & Carlbring, P. (2022) Electrophysiological correlates of in-vivo and virtual reality exposure therapy in spider phobia. *Psychophysiology*, 59(12), e14117.

## 2021

Lopez, R. B., **Cosme, D.**, Werner, K. M., Saunders, B., & Hofmann, W. (2021) Associations between use of self-regulatory strategies and daily eating patterns: An experience sampling study in college-aged females. *Motivation and Emotion*, 45, 747-758.

Kang, Y., **Cosme, D.**, Pei, R., Pandey, P., Carreras-Tartak, J., & Falk, E. B. (2021) Purpose in life, loneliness, and protective health behaviors during the COVID-19 pandemic. *The Gerontologist*, 61(6), 878-887.

**Cosme, D.**, & Lopez, R. B. (In Press) Neural indicators of food cue reactivity, regulation, and valuation and their associations with body composition and daily eating behavior. *Social Cognitive and Affective Neuroscience*, 18(1), nsaa155.

## 2020

Merchant, J. S., **Cosme, D.**, Giuliani N. R., Dirks, B. T., & Berkman, E. T. (2020) Neural substrates of food valuation and its relationship with BMI and healthy eating in higher BMI individuals. *Frontiers in Behavioral Neuroscience*.

Giuliani N. R., **Cosme, D.**, Merchant, J. S., Dirks, B. T., & Berkman, E. T. (2020) Brain activity associated with regulating food cravings predicts changes in self-reported food craving and consumption over time. *Frontiers in Human Neuroscience*.

Flounoy, 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*, 100807.

Barendse, M. E., **Cosme, D.**, Flounoy, 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*, 100799.

**Cosme, D.**, Zeithamova, D., Stice, E., & Berkman, E. T. (2020). Multivariate neural signatures for health neuroscience: Assessing spontaneous regulation during food choice. *Social Cognitive and Affective Neuroscience*.

Barendse, M., Vijayakumar, N., Byrne, M. L., Flannery, J., Cheng, T. W., Flounoy, J., ... & Hval, L. (2020). Study protocol: Transitions in Adolescent Girls (TAG). *Frontiers Psychiatry*, 10, 1018.

**Cosme, D.,** & Berkman, E. T. (2020). Autonomy can support affect regulation during illness and in health. *Journal of Health Psychology*, 25(1), 31-37.

## 2019

**Cosme, D.,** Ludwig, R. M., & Berkman, E. T. (2019) Comparing two neurocognitive models of self-control during dietary decisions. *Social Cognitive and Affective Neuroscience*, 14(9), 957-966.

## 2018

Telzer, E. H., McCormick, E. M., Peters, S., **Cosme, D.,** Pfeifer, J. H., & van Duijvenvoorde, A. C. K. (2018) Methodological considerations for developmental longitudinal fMRI research. *Developmental Cognitive Neuroscience*, 33, 149-160.

**Cosme, D.,** Mobasser, A., Zeithamova, D., Berkman E. T., & Pfeifer, J. H. (2018) Choosing to regulate: Does choice enhance craving regulation?. *Social Cognitive and Affective Neuroscience*, 13(3), 300-309.

Giuliani, N. R., Merchant, J. S., **Cosme, D.,** & Berkman, E. T. (2018) Neural predictors of eating behavior and dietary change. *Annals of the New York Academy of Science*, 1428(1), 208-220.

## 2015

**Cosme, D.,** & Wiens, S. (2015). Self-Reported Trait Mindfulness and Affective Reactivity: A Motivational Approach Using Multiple Psychophysiological Measures. *PLOS One*, 10(3), e0119466.

## PREPRINTS & SUMMITTED ARTICLES

---

**Cosme, D.,** Lydic, K., Reiner, D. A., Sinclair, A. H., Falk, E. B. (Under review) Motivating and supporting youth to vote using theory-driven approaches.

Lopez, R. B., Werner, K. M., Traub, G., Saunders, B., **Cosme, D.,** Hofmann, W. (In revision) Training self-regulation to promote healthy eating: Evidence from a longitudinal intervention study.

Sinclair, A. H., Harris, M., **Cosme, D.,** Fagerlin, A., Peters, E., Andris, C., Cooke, C., Falk, E. B., & Weitz, J. (2025, August 4). Communicating the Economic Impact of NIH Funding Cuts Changes Attitudes and Motivates Action. [https://doi.org/10.31234/osf.io/bj857\\_v1](https://doi.org/10.31234/osf.io/bj857_v1)

Lydic, K., Falk, E. B., Carpini, M. X. D., Cooper, N., Dym, A., & **Cosme, D.** (2025, July 3). Autonomy as civic motivation: Associations between autonomy and civic duty, civic action, and voting. [https://doi.org/10.31234/osf.io/4bcq2\\_v1](https://doi.org/10.31234/osf.io/4bcq2_v1)

Sinclair, A. H., **Cosme, D.,** Carreras Tartak, J., & Falk, E. B. (2025, July 8). Affective Framing of Environmental News Headlines Influences Engagement, Donations, and Memory. [https://doi.org/10.31234/osf.io/pzkfd\\_v3](https://doi.org/10.31234/osf.io/pzkfd_v3)

Lydic, K., Sinclair, A. H., **Cosme, D.,** Carreras Tartak, J., & Falk, E. B. (2025, June 11). Action planning interventions to promote individual and collective climate action. [https://doi.org/10.31234/osf.io/s7ujg\\_v1](https://doi.org/10.31234/osf.io/s7ujg_v1)

Stanoi, O., **Cosme, D.,** Jovanova, M., Kang, Y., Corbani, F., Carreras Tartak, J., ... Falk, E. B. (2025, March 22). Staying Connected: How Close Friendships Supported Emotional Well-being During the COVID-19 Pandemic. [https://doi.org/10.31234/osf.io/rfh63\\_v1](https://doi.org/10.31234/osf.io/rfh63_v1)

Mesquiti, S., **Cosme, D.**, Nook, E. C., Falk, E. B., & Burns, S. M. (2025, March 10). Predicting Psychological and Subjective Well-being through Language-based Assessment. [https://doi.org/10.31234/osf.io/rfq8p\\_v1](https://doi.org/10.31234/osf.io/rfq8p_v1)

Mohammed, N., Layland, E. K., **Cosme, D.**, Kang, Y., Boyd, Z. M., Mucha, P., ... Lydon-Staley, D. M. (2023, December 6). Profiles of daily positive emotion dynamics and associations with flourishing. <https://doi.org/10.31234/osf.io/y7rfh>

**Cosme, D.**, Helion, C., Kang, Y., Lydon-Staley, D. M., Dore, B. P., Stanoi, O., ... Falk, E. B. (2023, July 31). Mindful attention to alcohol can reduce cravings in the moment and consumption in daily life. <https://doi.org/10.31234/osf.io/7j4ey>

**Cosme, D.**, Kang, Y., Carreras Tartak, J., Ahn, J., Corbani, F. E., Cooper, N., ... Falk, E. B. (2022, August 26). Study protocol: Social Health Impact of Network Effects (SHINE) Study. [https://doi.org/10.31234/osf.io/cj2nx\\_v1](https://doi.org/10.31234/osf.io/cj2nx_v1)

Sayed, F., McGowan, A. L., PhD, Jovanova, M., **Cosme, D.**, Kang, Y., Stanoi, O., ... Lydon-Staley, D. M. (2021, October 1). Momentary associations between affect and alcohol use in the daily lives of college students. <https://doi.org/10.31234/osf.io/a7cgu>

## TOOLS

**Cosme, D.**, Flournoy, J. C., & Vijayakumar N. (2018) auto-motion-fmriprep: Automated assessment of motion artifacts in fMRI data using fmriprep confounds. [DOI](#) | [GITHUB](#)

## INVITED TALKS & CONFERENCE PRESENTATIONS

**Cosme, D.**, Lydic, K., de Beer, P., Lee, S. (2025) Participatory action research approaches to develop get-out-the-vote messaging and activities. Workshop to be presented at the NASPA Civic Learning and Social Change conference, December 8-10, Long beach, CA.

**Cosme, D.**, Sinclair, A. H., Lydic, K., Reinero, D. A., Mann, M. E., & Falk, E. B. (2025) Psychological interventions to promote climate action. Talk to be presented at the Association of Science and Technology Centers annual conference September 7, San Francisco, CA.

**Cosme, D.**, Lydic, K., Torres-Grillo, O., Levine, J., Lee, S., Vekker, P., de Beer, P., Casamalhuapa, L., Sinclair, A. H., Falk, E. B. (2025) Co-designing GOTV messaging with youth increases effectiveness. Talk presented virtually to the Campus Voter Project, June 17.

**Cosme, D.**, Lydic, K., Torres-Grillo, O., Levine, J., Lee, S., Vekker, P., de Beer, P., Casamalhuapa, L., Sinclair, A. H., Falk, E. B. (2025) Co-designing GOTV messaging with youth increases effectiveness. Talk presented virtually to Community College of Philadelphia Votes, June 16.

**Cosme, D.** (2025) Analytic flexibility and multiverse analyses with fMRI data. Talk presented at the Social and Affective Neuroscience Society Annual Meeting, April 23-26, Chicago, IL.

**Cosme, D.,** Lydic, K., Torres-Grillo, O., Levine, J., Lee, S., Vekker, P., de Beer, P., Casamalhupa, L., Sinclair, A. H., Falk, E. B. (2025) Co-designing GOTV messaging and interventions with students. Talk presented virtually to the Pennsylvania Student Voter Coalition, April 11.

**Cosme, D.,** Ahn, J., Berger, E., Burns, S., Mesquiti, S., Mobasser, A., Mwilambwe Tshilobo, D., Stanoi, O., Falk, E. B., Pfeifer, J. H. (2025) Correlational, longitudinal, and experimental evidence that self-clarity can increase well-being and reduce loneliness. Symposium talk presented at the Society for Personality and Social Psychology convention February 20-22, Denver, CO.

**Cosme, D.,** Helion, C., Berkman, E. T., Falk, E. B. (2024) Neural signature approaches to predict behavior change: Evidence from two interventions to reduce alcohol consumption and promote healthy eating. Talk presented at the Social & Affective Neuroscience Society Conference April 10-13, Toronto, Ontario.

**Cosme, D.,** Helion, C., Berkman, E. T., Falk, E. B. (2023) Neural signature approaches to predict behavior change: Evidence from two interventions to promote healthy eating and reduce alcohol consumption. Talk presented at the Interdisciplinary Decision Neuroscience Symposium on July 28, Philadelphia, PA.

**Cosme, D.,** Scholz, C., Chan, H., Martin, R., Benitez, C., Resnick, A., Carreras-Tartak, J., Cooper, N., Paul, A., & Falk, E. B. (2023) Neural and behavioral evidence that message self and social relevance motivate content sharing. Talk to be presented at the International Communication Association conference, May 25-29.

**Cosme, D.** (2022) What motivates people to share content? Symposium talk presented at the Penn Medical Communication Research Institute Symposium on October 14.

**Cosme, D.** (2022) Autonomous motivation improves craving regulation via enhanced attention. Symposium talk presented at the American Psychological Association annual conference on August 5.

**Cosme, D.** (2022) What motivates people to share content? Talk presented at the Philadelphia Decision Neuroscience Symposium on May 24.

**Cosme, D.** (2021) How might autonomous motivation improve self-regulation? Symposium talk presented at the Society for Experimental Social Psychology annual conference on October 9.

Lopez, R. B. & **Cosme, D.** (2021). Neural indicators of food cue reactivity, regulation, and valuation and their associations with body composition and daily eating behavior. Symposium talk presented at the Social and Affective Neuroscience Society Annual Meeting on April 30.

**Cosme, D.** (2021) Translational neuroscience approaches to studying self-regulation and behavior change. Talk presented at the Ohio State University Persuasion and Attitudes Brown Bag on January 22.

**Cosme, D.** (2020) Specification curve analysis: A practical guide. Talk presented at Melbourne University on September 29.  
Presentation | Tutorial



**Cosme, D.**, Ludwig, R. M., & Berkman, E. T. (2019) Comparing neurocognitive models of self-control. Talk presented at the Oregon Decision Neuroscience Symposium, April 19, Eugene, Oregon.

**Cosme, D.**, Flournoy, J. C., & Pfeifer, J. H. (2018) Piece by piece: A novel approach for whole-brain exploratory estimation and anatomical hypothesis testing using parcellations. Talk presented at Stockholm University's Gösta Ekman Laboratory, March 23, Stockholm, Sweden.

**Cosme, D.**, Flournoy, J. C., Telzer, E., & Pfeifer, J. H. (2017) Traditional modeling approaches. Talk presented at the Modeling Developmental Change preconference, September 15, Portland, Oregon.  
OSF

Flournoy, J. C., **Cosme, D.**, & Pfeifer, J. H. (2017) Orientation to fMRI. Talk presented at the Modeling Developmental Change preconference, September 15, Portland, Oregon.  
OSF

**Cosme, D.** (2015) Choosing to regulate: Autonomy alters neural responses during craving regulation. Seminar presented at Stockholm University's Gösta Ekman Laboratory, December 15, Stockholm, Sweden.

**Cosme, D.**, & Pfeifer, J. H. (2015) A longitudinal fMRI study of self-evaluation across adolescence. Talk presented at the SRCD meeting, September 16-17, Leiden, The Netherlands.

**Cosme, D.** (2014) Mindfulness and Self-Regulation: How is mindfulness related to emotional reactivity, attention regulation, and emotion regulation? Talk presented at the Stockholm University's Public Lecture Series in Psychology, April 9, Stockholm, Sweden.

## TEACHING

---

<b>INSTRUCTOR</b>   COMM6200 Climate Communication and Community: Youth-Centered Participatory Action Research	2025
<b>INSTRUCTOR</b>   Applied Research & Data Analysis Pro-seminar	2020
<b>TEACHING ASSISTANT</b>   PSY478/578 Social Development	2017

## GUEST LECTURES

---

**Cosme, D.** (2022) What motivates people to share content? Guest lecture presented at the New York University PSYCH-UA 53 Psychological Science and Society course, November 21.

**Cosme, D.** (2022) How can we help people make self-concordant decisions to promote health and well-being? Guest lecture presented at the University of Pennsylvania COMM 611 Neurobiology of Social Influence course, October 5.

**Cosme, D.** (2022) Specification Curve Analysis Workshop. Guest lecture presented at the University of Pennsylvania COMM 783 Describing Your Data course, April 7.

**Cosme, D.** (2022) Reproducibility Workshop. Guest lecture presented at the University of Pennsylvania COMM 783 Describing Your Data course, March 17.

**Cosme, D.** (2021) Self development in adolescence. Guest lecture presented at the University of Oregon PSY 631 Translational Neuroscience in Adolescence course, May 3-9.

**Cosme, D.** (2020) Facilitating widespread behavior change: The role of self and social relevance in information sharing and virality. Guest lecture presented at the Bard College PSY334 Science of Goal Pursuit course, December 10, 2020.

**Cosme, D.** (2015) Emotion and the brain. Guest lecture presented at the University of Oregon SCAN354 Mind Games: Emotion and Subjectivity in Nordic Prose course, January 15.

## MENTORSHIP

---

### POSTDOCS

OVIDIA STANOI	2024-present
---------------	--------------

### GRADUATE STUDENTS

KIRSTEN LYDIC	2023-present
THANDI LYEW	2022-2024
CHRISTIAN BENITEZ	2022-2023
MIA JOVANOVA	2020-2023
JEESUNG AHN	2020-2021
KEANA RICHARDS	2020-2022
PRATEEKSHIT PANDEY	2020-2021

### POSTBACS

STEVEN MESQUITI   Lab Manager & Project Coordinator	2022-2024
SILICIA LOMAX   Project Coordinator	2020
BRITTANY DAVIS   Project Coordinator	2019-2020
GARRETT ROSS   Project Coordinator	2017-2019

### UNDERGRADUATE STUDENTS

PÈTRA DE BEER   Frances Velay Fellow	2024-present
JULIA LEVINE   Honors Thesis Student	2024-2025
COURTNEY IMEL MCKIM   Research Assistant	2019-2020
ELLYN KENNELLY   Research Assistant	2019
NATHALIE VERHOEVEN   McNair Scholar	2018-2019
NORMA MEDINA MORALES   Research Assistant	2015-2017

## WORKSHOPS & TRAINING

---

MULTIVOXEL PATTERN ANALYSIS COURSE   Georgetown University	2018
MODELING DEVELOPMENTAL CHANGE WORKSHOP   Portland, OR	2017
NEUROHACKWEEK   University of Washington	2017
REPRODUCIBILITY & TRANSPARENCY NEUROIMAGING WORKSHOP   UCLA	2017
AFNI BOOTCAMP   Washington University in St. Louis	2017
MRI SCANNER OPERATOR CERTIFICATION   University of Oregon	2016

## AD HOC REVIEW

---

Child development | Cognitive Development | Developmental Cognitive Neuroscience | Emotion | Journal of Neuroscience, Psychology, and Economics | Motivation and Emotion | Motivation Science | Neuroimage: Clinical | Proceedings of the National Academy of Sciences | PCI Registered Reports | Psychological Science | Scientific Data | Social Cognitive and Affective Neuroscience | Social and Personality Psychology Compass

## SERVICE

---

<b>CO-CHAIR</b>   ICA Pre-conference Hackathon Organizing Committee	2023
<b>DEPARTMENTAL STEWARD</b>   UO Graduate Teaching Fellow Federation	2016-2019
<b>CO-FACILITATOR</b>   UO Data Science Club	2016-2018
<b>VP ORGANIZING</b>   UO Graduate Teaching Fellow Federation	2017-2018
<b>CO-CHAIR</b>   Eugene Brainhack Organizing Committee	2018
<b>MEMBER</b>   Eugene Brainhack Organizing Committee	2017
<b>MEMBER</b>   UO Mindfulness Symposium Organizing Committee	2014