

## David Clewett, Ph.D. Neuroscience

### ACADEMIC APPOINTMENTS

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- 2020- **Assistant Professor of Psychology**  
University of California, Los Angeles
- 2016-20 **Postdoctoral Fellow** (P.I. Lila Davachi)  
New York University, New York

### EDUCATION

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- 2010-16 **Ph.D., Neuroscience** (P.I. Mara Mather)  
University of Southern California, Los Angeles
- 2005-09 **B.S., Biopsychology with minor in English, magna cum laude**  
University of California, Santa Barbara

### AWARDS AND HONORS

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- 2026-28 Alfred P. Sloan Research Fellow in Neuroscience
- 2025-30 Bernice Wenzel and Wendell Jeffrey Term Endowed Chair in Cognitive Neuroscience
- 2024 Elected Fellow, UC Irvine Center for the Neurobiology of Learning and Memory (CNLM)
- 2024 UCLA Psychology Department Distinguished Teaching Award
- 2024 UCLA J. Arthur Woodward Graduate Mentor Award
- 2024 UCLA Life Sciences Excellence in Research Award – Assistant Professor
- 2023/24 UCLA Psychology Board of Advisors Grant
- 2022 UCLA Society of Hellman Fellows Award
- 2022 Faculty Career Development Award, UCLA
- 2022 UCLA Undergraduate Research Week Faculty Mentor Award
- 2022 Elected Member, Memory Disorders Research Society (MDRS)
- 2021 Rising Star Award, Association for Psychological Science (APS)
- 2018 Society for Neuroscience Trainee Professional Development Award (TDPA)
- 2018 Memory Disorders Research Society (MDRS) Cermak-Corkin Award
- 2018-20 Fellow, Postdoctoral F32 NRSA award from NIMH (Impact Score: 10; Percentile: 1%)
- 2018 Nominee, Charles H. Revson Senior Fellowship in Biomedical Science, Columbia University
- 2016-17 Fellow, National Institute on Mental Health T32 Grant, NYU
- 2015-16 Endowed Fellowship, USC
- 2015 Neuroscience Graduate Student of the Year, USC

### PUBLICATIONS

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- 1) <sup>®</sup>Morrow, E., <sup>®</sup>Huang, R., & Clewett, D. (in press). Dopaminergic processes predict temporal distortions in event memory. *Nature Communications*. <sup>®</sup>graduate student.
- 2) Kumar, R., Huang, A., Clewett, D., & Cohen, A. (in press). The impact of affective prediction errors on memory. *Cognition*.
- 3) Clewett, D., <sup>®</sup>Huang, R., & Davachi, L. (2025). Locus coeruleus activation ‘resets’ hippocampal event representations and separates adjacent memories. *Neuron*. <sup>®</sup>graduate student.

UPDATED: 02/2026

- 4) ©McClay, M., Rouhani, N., & Clewett, D. (2025). Negative emotional events retroactively disrupt semantic scaffolding of temporal memory. *Emotion*. ©graduate student.
- 5) ©Morrow, E., & Clewett, D. (2025). Distortion of overlapping memories relates to arousal and anxiety. *Cognitive, Affective, and Behavioral Neuroscience*. ©graduate student.
- 6) ©Greer, J., ©Ali, A., ©Laksman, C., ©Huang, R., ©McClay, M., & Clewett, D. (2024). Effortful retrieval of semantic memories induces forgetting of related negative and neutral episodic memories. *Cognition*, 251, 105908. ©lab manager, RA, or graduate student.
- 7) Cowan, E., Chanales, A., Davachi, L., & Clewett, D. (2024). Goal shifts structure memories and prioritize event-defining information in memory. *Journal of Cognitive Neuroscience*, 1-13.
- 8) Rouhani, N., Clewett, D., & Antony, J. (2024). Building and breaking the chain: A model of reward prediction error integration and segmentation of memory. *Journal of Cognitive Neuroscience*, 1-17.
- 9) ©Huang, R.\* , & Clewett, D.\* (2024). The locus coeruleus: Where cognitive and emotion processing meet the eye. In: Papesch, M.H., Goldinger, S.D. (eds) *Modern Pupillometry*. Springer, Cham. \*equal contributions. ©graduate student.
- 10) Clewett, D. & ©McClay (2024). Emotional arousal lingers in time to bind discrete episodes in memory. *Cognition and Emotion*. pp. 1-20. ©graduate student.
- 11) ©McClay, M., Sachs, M., & Clewett, D. (2023). Dynamic emotional states shape the episodic structure of memory. *Nature Communications*, 14(1), 6533. ©graduate student.
- 12) ©Greer, J.\* , ©Morrow, E.\* , & Clewett, D. (2022). Subliminal backdoors to forgetting emotional memories. *Trends in Cognitive Sciences*. \*equal contributions. ©graduate student or lab manager.
- 13) Clewett, D., & Dunsmoor, J. (2022). Novel strategies for expanding memory's penumbra in aging. *Trends in Cognitive Sciences*.
- 14) Dunsmoor, J., Murty, V., Clewett, D., Phelps, E. & Davachi, L. (2022). Tag and Capture: How salient experiences capture and rescue nearby events in memory. *Trends in Cognitive Sciences*, S1364-6613 (22) 00293.
- 15) Clewett, D., Dunsmoor, J., Bachman, S. L., Phelps, E. A., & Davachi, L. (2022). Survival of the salient: Aversive learning rescues otherwise forgettable memories via neural reactivation and post-encoding hippocampal connectivity. *Neurobiology of learning and memory*, 187, 107572.
- 16) Clewett, D., Gasser, C., & Davachi, L. (2020). Pupil-linked arousal signals track the temporal organization of events in memory. *Nature Communications*, 11, 4007.
- 17) Thorp, J., Clewett, D., & Riegel, M. (2020). Two routes to incidental memory under arousal: Dopamine and norepinephrine. *Journal of Neuroscience*, 40(9), 1790-1792.
- 18) Mather, M., Huang, R., Clewett, D., Nielsen, S., Velasco, R., Tu, K., Han, S., & Kennedy, B. (2020) Isometric exercise facilitates attention to salient events in women via the noradrenergic system. *Neuroimage*, 210, 116560.
- 19) \*Clewett, D., & \*Murty, V. (2019). Echoes of emotions past: How neuromodulators determine what we recollect. *ENeuro*. \*equal contributions
- 20) Clewett, D., Dubrow, S., & Davachi, L. (2019). Transcending time in the brain: How event memories are constructed from experience. *Hippocampus*, 29(3), 162-183.
- 21) Lee, T.H., Greening, S., Ueno, T., Clewett, D., Ponzio, A., Sakaki, M., & Mather, M. (2018). Arousal increases neural gain via the locus coeruleus-norepinephrine system in younger adults but not in older adults. *Nature Human Behavior*, 2, 356-366.

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- 22) Clewett, D., Huang, R., Velasco, R., Lee, T.H., & Mather, M. (2018). Locus coeruleus activity strengthens prioritized memories under arousal. *Journal of Neuroscience*, 38(6), 1558-1574.
- 23) Durbin, K., Clewett, D., Huang, R., & Mather, M. (2018). Age differences in selective memory of goal-relevant stimuli under threat. *Emotion*, 18(6), 906-911.
- 24) Clewett, D., & Davachi, L. (2017). The ebb and flow of experience determines the temporal structure of memory. *Current Opinion in Behavioral Sciences*, 17, 186-193.
- 25) Clewett, D., Sakaki, M., Huang, R., Nielsen, S., & Mather, M. (2017). Arousal amplifies biased competition between high and low priority memories more in women than in men: the role of elevated noradrenergic activity. *Psychoneuroendocrinology*, 80, 80-91.
- 26) Mather, M., Yoo, H.-J, Clewett, D., Lee, T.-H., Greening, S., Ponzio, A., Min, J., & Thayer, J.F. (2017). Higher locus coeruleus MRI contrast is associated with lower parasympathetic influence over heart rate variability. *Neuroimage*, 150, 329-335.
- 27) Clewett, D., Sakaki, M., Nielsen, S., Petzinger, G., & Mather, M. (2017). Noradrenergic mechanisms of arousal's bidirectional effects on episodic memory. *Neurobiology of Learning and Memory*, 137, 1-14.
- 28) Mather, M., Clewett, D., Sakaki, M., & Harley, C. W. (2016). GANEing traction: The broad applicability of NE hotspots to diverse cognitive and arousal phenomena. *Behavioral and Brain Sciences*, 39.
- 29) Clewett, D., Lee, T.H., Greening, S., Ponzio, A., Margalit, E., & Mather, M. (2016). Neuromelanin marks the spot: Identifying a locus coeruleus biomarker of cognitive reserve in healthy aging. *Neurobiology of Aging*, 37, 117-126.
- 30) Nielsen, S., Barber, S., Chai, A., Clewett, D., & Mather, M. (2015). Sympathetic arousal increases a negative memory bias in young women with low sex hormone levels. *Psychoneuroendocrinology*, 62, 96-106.
- 31) Mather, M., Clewett, D., Sakaki, M., & Harley, C. (2015). Norepinephrine ignites local hot spots of neuronal excitation: How arousal amplifies selectivity in perception and memory. *Behavioral and Brain Sciences*, 1-100.
- 32) Aminoff, E. M., Freeman, S., Clewett, D., Tipper, C., Frithsen, A., Johnson, A., Grafton, S. T., & Miller, M. B. (2015). Maintaining a cautious state of mind during a recognition test: a large-scale fMRI study. *Neuropsychologia*, 67, 132-47.
- 33) Clewett, D. V., & Mather, M. (2014). Not all that glittered is gold: neural mechanisms that determine when reward will enhance or impair memory. *Frontiers in Neuroscience*, 8:194.
- 34) Freeman, S. M., Clewett, D. V., Bennett, C. M., Kiehl, K. A., Gazzaniga, M. S., & Miller, M. B. (2014). The posteromedial region of the default mode network shows attenuated task-induced deactivation in psychopathic prisoners. *Neuropsychology*, 29(3), 493-500.
- 35) Clewett, D., Schoeke, A., & Mather, M. (2014). Locus coeruleus neuromodulation of memories encoded during negative or unexpected action outcomes. *Neurobiology of learning and memory*, 111, 65-70.
- 36) Clewett, D., Bachman, S., & Mather, M. (2014). Age-related reduced prefrontal-amygdala structural connectivity is associated with lower trait anxiety. *Neuropsychology*, 28(4): 631-42.
- 37) Clewett, D.\*, Luo, S.\*, Hsu, E., Ainslie, G., Mather, M., & Monterosso, J. (2014). Increased functional coupling between the left fronto-parietal network and anterior insula predicts steeper delay discounting in smokers. *Human Brain Mapping*, 35(8): 3774-87. \*equal contributions
- 38) Clewett, D., Schoeke, A., & Mather, M. (2013). Amygdala functional connectivity is reduced after the cold pressor task. *Cognitive, Affective, & Behavioral Neuroscience*, 3(3): 501-18.
- 39) Hermundstad, A. M., Bassett, D. S., Brown, K. S., Aminoff, E. M., Clewett, D., Freeman, S., Frithsen, A.,

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Johnson, A., Tipper, C. M., Miller, M. B., Grafton, S. T., & Carlson, J. M. (2013). Structural foundations of resting-state and task-based functional connectivity in the human brain. *Proceedings of the National Academy of Sciences*, 110(15): 6169-74.

- 40) Aminoff, E. M., Clewett, D., Freeman, S., Tipper, C., Frithsen, A., Johnson, A., Grafton, S. T., & Miller, M. B. (2011). Individual differences in shifting decision criterion: A recognition memory study. *Memory and Cognition*, 40(7), 1016-30.

### **Manuscripts under review, preprinted, or submitted**

- 1) ©Harris, B., ©McClay, M., & Clewett, D. (under review). Cognitive reappraisal influences the organization of emotional episodes in memory. ([https://doi.org/10.31234/osf.io/kgwa3\\_v1](https://doi.org/10.31234/osf.io/kgwa3_v1)). *Cognitive, Affective, and Behavioral Neuroscience*. ©graduate student.
- 2) Sandman, C. F., ©McClay, M., Clewett, D., Costello, A., Hovhannisyan, E., Chen, K., Sun, M., Dour, H., Treanor, M., & Craske, M.G. (under review). Mobile Virtual Reality Reward-Training for Anhedonia: Randomized Controlled Pilot Trial.
- 3) ©Huang, R., ©Chen Z., ©Zou, F., ©Ali, A., ©Jain., S, & Clewett, D. (submitted). The fuzzy attentional boost: novelty-linked arousal supports gist memory. ©graduate student or undergraduate student.
- 4) ©Peck, F., & Clewett, D. (in revision). Gaze patterns reveal an impairing role of context reinstatement in temporal memory retrieval. *Cognition*. ©graduate student.
- 5) ©Güler, B., Karahamza, S., Şentürk, Y., Bein, O., Clewett, D., & Günseli, E. (under review). Working memory facilitates event segmentation via boundary-triggered reactivation. ©visiting graduate student.
- 6) Chandreswaran, V., Stawarczyk, D., Bierbrauer, A., Clewett, D., Brunec, I., Coughlan, G., ...& Zhang, H (under review). Shared and Distinct Cognitive Processes Across Multiple Virtual Navigation Tasks.
- 7) Flores, G., Damon, Z., Gancz, N., Savoca, P., Esfand, S., Querdasi, F., McCann, C., Chu, K., Westman, J., Labus, J., Clewett, D., Parr, A., Hsiao, E., Jacobs, J., Silvers, J., & Callaghan, B. (under review). A protocol for the Teen Bugs study: An integrative, multi-omic approach to understanding the role of the gut microbiome and mesocorticolimbic system in adolescent mental health following early adverse caregiving.

### **Manuscripts in preparation**

- 1) ©Huang, R., & Clewett, D. (in prep). Pupil variability tracks the stability of attention and visual cortical representations across time. ©graduate student.
- 2) Lempert, K., Garcia Campos, L., Grant, J., Ott, C., Riaz, A., Gittelsohn, H. & Clewett, D. (in prep). More normative event segmentation is associated with more future-oriented choice.
- 3) ©McClay, M., ©Li, J., Sandman, C., & Clewett, D. (in prep). Moment-to-moment emotion dynamics relate to intrusive thinking and autobiographical memory segmentation. ©graduate student or trainee.
- 4) Marcus, R., Costello, M., Chen, H-Y, Crawford, J., ©McClay, M., Clewett, D., & Berry, A. (in prep). Establishing the influence of music-induced emotions on temporal memory structure in aging. ©graduate student.

### **CONFERENCE POSTERS**

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Marcus, R., Costello, M., Chen, H-Y, Crawford, J., ©McClay, M., Clewett, D., & Berry, A. (2025, March). Establishing the influence of music-induced emotions on temporal memory structure in aging. *Dallas Aging and Cognition conference*, Dallas, TX. ©graduate student.

- ⊗Katerman, B., Sakon, J., Fried, I., & Clewett, D. (2025, March). Event boundary modulation of theta oscillations in the hippocampus and amygdala. *Cognitive Neuroscience Society Meeting*, Boston, MA. ⊗graduate student.
- ⊗Harris, B., ⊗McClay, M., & Clewett, D. (2025, March). Cognitive reappraisal influences the organization of emotional episodes in memory. *Cognitive Neuroscience Society Meeting*, Boston, MA. ⊗graduate student.
- ⊗McClay, M., ⊗Li, J., Sachs, M., Sandman, C., & Clewett, D. (2025, March). Dynamic emotional states captured by a novel mobile tool relate to affective disorder symptoms and memory organization. *Cognitive Neuroscience Society Meeting*, Boston, MA. ⊗graduate student or undergraduate trainee.
- Kumar, R., Huang, A., ⊗McClay, M., Clewett, D., & Cohen, A. (2025, March). The impact of affective prediction errors on memory. *Cognitive Neuroscience Society Meeting*, Boston, MA. ⊗graduate student.
- Grant, J., Garcia Campos, L., Ott, C., Clewett, D., & Lempert, K. (2024, October). Associations between duration memory and temporal discounting. *Society for Neuroeconomics Annual Meeting*.
- ⊗Harris, B., ⊗McClay, M., & Clewett, D. (2024, April). Cognitive reappraisal strategies modulate the strength of emotional event boundaries on memory. *Social and Affective Neuroscience Society Annual Meeting*. ⊗graduate student.
- ⊗McClay, M., ⊗Li, J., Sachs, M., Sandman, C., & Clewett, D. (2024, April). Using a novel web app to examine dynamic emotional states and their relation to depression and trauma symptoms. *Social and Affective Neuroscience Society Annual Meeting*. Toronto, Canada. ⊗graduate student or RA.
- ⊗Huang, R., & Clewett, D. (2023, November). Pupil variability tracks the stability of attention and hippocampal representations across time. *Society for Neuroscience*, Washington D.C. ⊗graduate student.
- ⊗Morrow, E. & Clewett, D. (2023, November). Adaptive distortions of overlapping memories under arousal and anxiety. *Society for Neuroscience*, Washington D.C. ⊗graduate student.
- ⊗Nair, A., ⊗McClay, M., Vitello, M., & Clewett, D. (2023, November). Narrative coherence relates to depression symptoms in a novel VR clinical trial. *Texas Psychological Association Annual Convention*, Texas. ⊗graduate student or research assistant.
- Chandreswaran, V., Stawarczyk, D., Bierbrauer, A., Clewett, D., Brunec, I., Coughlan, G., ... & Zhang, H (2023, November). Reliance on spatial cues across multiple virtual navigation tasks. *Society for Neuroscience*, Washington D.C.
- Gancz, N., Clewett, D., Silvers, J., Choy, T., VanTieghem, M., Tottenham, N., & Callaghan, B. (2023, August). Gut Microbiome Dysregulation and Reward Circuitry in Youth Exposed to Early Adversity. *Annual Meeting of Flux Society*, Santa Rosa, CA.
- ⊗Huang, R., Clewett, D., & Davachi, L. (2023, April). Event boundaries suppress hippocampal encoding of item representations. *International Conference of Learning and Memory*, Huntington Beach, CA. ⊗graduate student.
- ⊗McClay, M., Sachs, M., & Clewett, D. (2023, April). Dynamic emotional states shape the episodic structure of memory. *International Conference of Learning and Memory*, Huntington Beach, CA. ⊗graduate student.
- Chandreswaran, V., Stawarczyk, D., Bierbrauer, A., Clewett, D., Brunec, I., Coughlan, G., ... & Zhang, H. (2022, May). How boundaries sculpt memories. *International Conference of Cognitive Neuroscience*. Helsinki, Finland.
- ⊗McClay, M. & Clewett, D. (2021, August). Bidirectional and selective effects of emotional stimuli on temporal order memory. *Context and Episodic Memory Symposium*, Philadelphia, PA. ⊗graduate student
- ⊗Huang, R., Durbin, K., Clewett, D., Dahl, M., & Mather, M. (2021, March). Arousal compensates for age-related deficits in early visual selectivity under high attentional load. *Cognitive Neuroscience Society*, online. ⊗graduate

student

- Clewett, D., Gasser, C., & Davachi, L. (2019, March). Arousal modulates the temporal organization of events in episodic memory. *Cognitive Neuroscience Society, San Francisco, CA.*
- Clewett, D., Yi, D., Bachman, S., Dunsmoor, J., Phelps, E., & Davachi, L. (2018, April). Brain mechanisms by which emotional learning selectively and retroactively enhances memory for related information. *International Conference of Learning and Memory, Huntington Beach, CA.*
- Clewett, D., Yi, D., Dunsmoor, J., Phelps, E., & Davachi, L. (2018, March). Brain mechanisms by which emotional learning selectively and retroactively enhances memory for related information. *Cognitive Neuroscience Society, Boston, MA.*
- Clewett, D., Huang, R., Velasco, R., Lee, T. H., & Mather, M. (2016, April). Noradrenergic mechanisms of arousal-biased competition in memory. *Cognitive Neuroscience Society, Chicago, IL.*
- Clewett, D.\*, Sakaki, M.\*, Nielsen, S., Petzinger, G., & Mather, M. (2015, October). Noradrenergic mechanisms of arousal-biased competition in memory. *Society for Neuroscience, Chicago, IL.*
- Clewett, D., Sakaki, M., Joo, H. J., & Mather, M. (2014, April). Altered amygdala functional connectivity rather than structural decline predicts age differences in socioemotional wellbeing. *Cognitive Neuroscience Society, Boston, MA.*
- Clewett, D., Haldar, J., Damasio, H. & Mather, M. (2012, April). Subregions of the thalamus connected with temporal and parietal cortices show greater age-related variation than other subregions. *Cognitive Neuroscience Society, Chicago, IL.*
- Clewett, D., Haldar, J., Damasio, H. & Mather, M. (2012, January). Subregions of the thalamus connected with frontal and temporal cortex show greater age-related degeneration than other subregions. *Annual USC Neuroscience Graduate Symposium, Los Angeles, CA.*
- Aminoff, E., Clewett, D., Freeman, S., Grafton, S. & Miller, M.B. (2011, November). Contextualizing words. *Society for Neuroscience, Washington D.C.*
- Hsu, E., Clewett, D., Luo, S., Ainslie, G., & Monterosso, J. (2011, September). Neural Correlates of "Relative Farsightedness" during intertemporal choice. *Society for Neuroeconomics, Chicago, IL.* Clewett, D., Schoeke, A., Abrams, Z. & Mather, M. (2011, April). Acute stress enhances activity in pain modulatory regions 15-25 minutes later. *Cognitive Neuroscience Society, San Francisco, CA.*
- Clewett, D., Schoeke, A., Abrams, Z. & Mather, M. (2011, January). Acute stress enhances activity in the default mode network 15-25 minutes later. *Annual USC Neuroscience Graduate Symposium, Los Angeles, CA.*
- Aminoff, E., Freeman, S., Clewett, D., Tipper, C., Frithsen, A., Johnson, A., Grafton, S., & Miller, M. (2011, April). Neural correlates of criterion shifting in recognition memory. *Cognitive Neuroscience Society, San Francisco, CA.*
- Clewett, Schoeke, Abrams, & Mather (2011, January). Stress enhances activity in the default mode network 15-25 minutes later. *Annual USC Neuroscience Graduate Symposium, Los Angeles, CA.*
- Aminoff, E., Freeman, S., Clewett, D., Tipper, C., Frithsen, A., Johnson, A., Grafton, S., & Miller, M. (2010, October). Behavioral and neural factors that account for individual differences of criterion shifting during recognition memory. *Society for Neuroscience, San Diego, CA.*
- Aminoff, E., Tipper, C., Frithsen, A., Johnson, A., Freeman, S., Clewett, D., Grafton, S., & Miller, M. (2010, June). Individual variability in whole brain maps of task-related activity: what are the important factors? *Organization of Human Brain Mapping, Barcelona, Spain.*
- Aminoff, E., Tipper, C., Frithsen, A., Johnson, A., Freeman, S., Clewett, D., Grafton, S., & Miller, M. (2010, March). Individual differences in adaptive decision-making: a cognitive neuroscience analysis of 95 officers

and non-officers. *ICB Army-Industry Collaborative Conf.*, Santa Barbara, CA.

## **SELECTED TALKS**

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- Clewett, D. (2025, July). Using a novel web app to examine dynamic emotional states and their relation to memory and symptoms of psychopathology. *Center for Psychedelic and Consciousness Research at Johns Hopkins*, Baltimore, MD.
- Clewett, D. (2025, June). Arousal mechanisms of memory organization in healthy adults and post-traumatic stress disorder. *Psychology department brown bag at Sabanci University*, Istanbul, Turkey.
- Clewett, D. (2025, May; **keynote speaker**). Navigating emotional landscapes in the mind and memory. *UCLA Active Minds Conference*, University of California, Los Angeles.
- Clewett, D. (2025, March). Using a novel web app to examine dynamic emotional states and their relation to memory and symptoms of psychopathology. *Cognitive Neuroscience Society*, Boston, MA.
- Clewett, D. (2025, February). Locus coeruleus activation 'resets' hippocampal event representations and separate adjacent memories. *UCLA Symposium on Neurotechnology*, University of California, Los Angeles.
- Clewett, D. (2025, February). Locus coeruleus activation 'resets' hippocampal event representations and separate adjacent memories. *UCLA Behavioral Neuroscience Area Brown Bag*, University of California, Los Angeles.
- Clewett, D. (2024, November). Emotion dynamics shape the structure and coherence of memory. *UCLA Health Psychology Area Brown Bag*, University of California, Los Angeles.
- Clewett, D. (2024, September). Constructing emotional episodes in memory. *Annual Meeting of the Memory Disorders Research Society*, Manchester, England.
- Clewett, D. (2024, September). Constructing emotional episodes in memory. *Summer School for RTG-2753: Emotional Learning and Memory*, Hamburg, Germany.
- Clewett, D. (2024, January). Emotion as the grammar of human memory. *Psychology Department Seminar*, University of California, Riverside, CA.
- Clewett, D. (2023, November). Emotion as the grammar of human memory. *Annual meeting of the Psychonomic Society*, San Francisco, CA.
- Clewett, D. (2023, August). Episodic memory organization relates to emotion flexibility. *Indonesian- American Kavli Frontiers of Science*. Balikpapan, Kalimantan, Indonesia.
- Clewett, D. (2023, June). Emotion as the grammar of human memory. *Psychology Department Seminar*, University of California, Santa Barbara, CA.
- Clewett, D. (2023, May). Catecholamine dynamics form the building blocks of episodic memory. *Symposium on Neurotech in the Neural Dynamics and Computational Modeling*. University of California, Los Angeles CA.
- Clewett, D. (2023, April; **Chair**). Resetting memories when it matters most: The critical role of the locus coeruleus in memory encoding and updating. *International Conference on Learning and Memory*, Huntington Beach, CA.
- Clewett, D. (2023, April). Dynamic emotional states shape the episodic structure of memory. *International Conference on Learning and Memory*, Huntington Beach, CA.
- Clewett, D. (2023, February). Emotion as the grammar of human memory. *Psychology Seminar*, Rice University, TX.
- Clewett, D. (2023, January). Emotion as the grammar of human memory. *Psychology Seminar*, Indiana University, IN.

- Clewett, D. (2023, January). Dynamic emotional states shape the episodic structure of memory. *Stress and Memory Seminar*, University of Hamburg, Germany.
- Clewett, D. (2022, November; **Co-Chair**). Dynamic arousal and hippocampal states organize memories of coherent events. *Society for Neuroscience Nanosymposium*, online.
- Clewett, D. (2022, October). Locus coeruleus resets memory at event boundaries. *BlueSpot Symposium*, online.
- Clewett, D. (2022, October; **Chair**). Dynamic music-induced emotions shape the episodic structure of memory. *Memory Disorders Research Society*, Philadelphia, PA.
- Clewett, D. (2022, June). Emotion retroactively disrupts the semantic scaffolding of temporal order memory. *International Society for Research on Emotion*, USC, CA.
- Clewett, D. (2022, April). Dynamic arousal and hippocampal states organize coherent episodic memories. *Spring Conference of the Integrative Center for Learning and Memory*, UCLA, CA.
- Clewett, D. (2022, March). Emotion retroactively disrupts the semantic scaffolding of temporal order memory. *Society for Affective Science Annual Meeting*, online.
- Clewett, D. (2022, February). Neuromelanin marks the (blue) spot: Identifying a locus coeruleus biomarker of cognitive reserve in healthy aging. *Youth Movement Against Alzheimer's Meeting*, online.
- Clewett, D. (2021, December). Dynamic arousal and hippocampal states organize coherent episodic memories. *Columbia University Psychology Seminar Series*, online.
- Clewett, D. (2021, June). Arousal mechanisms shape the selectivity and structure of memory. *Joint Seminar in Neuroscience series at the UCLA Brain Research Institute (BRI)*, online.
- Clewett, D. (2021, June). Catecholamines facilitate temporal pattern separation in episodic memory. To be presented at the annual meeting of the *Organization of Human Brain Mapping (OHBM)*, online.
- Clewett, D. (2020, November). Survival of the salient: How aversive learning rescues otherwise forgettable memories in the brain. *Neuroimaging Affinity Group*, UCLA, CA.
- Clewett, D. (2020, September). The ebb and flow of emotion shapes memory of time and events. *CogFog Meeting*, UCLA, CA.
- Clewett, D. (2020, June). Emotional arousal shapes memory of time and events. *Context and Affective Memory Meeting*, Philadelphia, PA.
- Clewett, D. (2019, June). Emotion's carryover effects on novel associative learning. *Spring Hippocampal Research Conference*, Taormina, Sicily.
- Clewett, D. (2019, May). Arousal modulates the temporal organization of events in episodic memory. *Context and Episodic Memory Society*, Philadelphia, PA.
- Clewett, D. (2019, March). Arousal modulates the temporal organization of events in episodic memory. Data Blitz at *Cognitive Neuroscience Society*, San Francisco, CA.
- Clewett, D. (2018, November). Brain mechanisms by which emotional learning selectively and retroactively enhances memory for related information. *Society for Neuroscience*, San Diego, CA.
- Clewett, D. (2018, October). Brain mechanisms by which emotional learning selectively and retroactively enhances memory for related information. *Memory Disorders Research Society Meeting*, Toronto.
- Clewett, D. (2018, May). Brain mechanisms by which emotional learning selectively and retroactively enhances memory for related information. *Manhattan Area Memory Meeting*, NY.
- Clewett, D. (2014, January). Survival of the salient: noradrenergic mechanisms of arousal-biased competition. *9<sup>th</sup> Annual USC Neuroscience Graduate Program Symposium*, Los Angeles, CA.

Clewett, D. (2013, August). Norepinephrine as an emotional marker for loss aversion and memory. *USC Social Neuroscience Conference, Catalina, CA.*

Clewett, D. (2012, August). Stress-induced changes in a brain salience network predicts effective decision making in younger and older adults. *USC Social Neuroscience Conference, Catalina, CA.*

Clewett, D. (2011, October). Age-related thalamic degeneration revealed by diffusion tensor imaging. *USC Neuroscience Neurolunch Seminar, Los Angeles, CA.*

Clewett, D. (2011, March). Imaging the effects of acute stress on subsequent resting-state network activity. *USC Neuroscience Neurolunch Seminar, Los Angeles, CA.*

## **TEACHING AND MENTORSHIP**

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### **Graduate Students**

2025 **Jacinda Taggett**, UCLA Psychology Graduate Program

\*\*UCLA Competitive Edge Program Fellow (2025)

2025 W/S **Berna Güler**, Visiting International PhD Scholar, Sabanci University

2023- **Brandon Katerman**, UCLA Psychology Graduate Program

\*\*Graduate Summer Research Mentorship Award (2023)

\*\*National Science Foundation GRFP (2023)

\*\*Dean's Scholar Award (2023)

2022- **Erin Morrow**, UCLA Psychology Graduate Program

\*\*UCLA Brain Research Institute SfN Travel Award (2025)

\*\*Graduate Research Mentorship Award (2024)

\*\*Graduate Summer Research Mentorship Award (2023)

\*\*National Science Foundation GRFP: Honorable Mention (2023)

\*\*UCLA Pauley Fellowship (2022)

2022- **Bailey Harris**, UCLA Psychology Graduate Program

\*\*UCLA Graduate Research Mentorship Award (2023)

\*\*National Science Foundation GRFP: Honorable Mention (2023)

\*\*UCLA Summer Mentored Research Fellowship (2022)

2022 **Cody Cushing**, UCLA Psychology Graduate Program (co-mentor: Hakwan Lau)

2020- **Mason McClay**, UCLA Psychology Graduate Program

\*\*National Science Foundation GRFP (2021)

\*\*UCLA Frank J. McGuigan Fellowship

\*\*Graduate Summer Research Mentorship Program (2021)

2020- **Ringo Huang**, UCLA Psychology Graduate Program

\*\*UCLA Graduate Research Mentorship Award (2023-24)

\*\*Cognitive Neuroscience Society Graduate Student Award (2021)

\*\*National Science Foundation GRFP: Honorable Mention (2021)

\*\*National Science Foundation GRFP: Honorable Mention (2020)

\*\*Graduate Summer Research Mentorship Program (2021)

\*\*UCLA Pauley Fellowship (2020)

### **Dissertation Committee Member**

2027 **Leah Cha** (PI: Jennifer Sumner, UCLA)  
 2026 **Mollie Bayda** (PI: Nanthia Suthana and Barbara Knowlton, UCLA)  
 2026 **Kylie Alberts** (PI: Alan Castel, UCLA)  
 2026 **Brett Davis** (PI: Michelle Craske, UCLA)  
 2026 **Fleming Peck** (PI: Jesse Rissman, UCLA)  
 2026 **Kaia Sargent** (PI: Cindy M. Yee and Gregory E. Miller, UCLA)  
 2026 **Riley Kendall** (PI: Andrew Wikenheiser, UCLA)  
 2025 **Joseph Denning** (PI: Idan Blank, UCLA)  
 2025 **Berna Güller** (PI: Eren Günseli; **External** – Sabanci University)  
 2025 **Ahmad Sabahi** (PI: Dr. Clifford Cassidy; **External** – University of Ottawa)  
 2025 **Ringo Huang** (PI: David Clewett (**chair**); UCLA)  
 2025 **Mason McClay** (PI: David Clewett (**chair**); UCLA)  
 2024 **Mary Vitello** (PI: Jesse Rissman, UCLA)  
 2023 **Charles Smith** (PI: Lucina Uddin, UCLA)  
 2023 **Matthew Elliott** (PI: Sherry Johnson; **External** - UC Berkeley)  
 2023 **Christina Sandman** (PI: Michelle Craske; UCLA)  
 2023 **Catherine Walsh** (PI: Jesse Rissman; UCLA)  
 2022 **Mary Whatley** (PI: Alan Castel; UCLA)  
 2022 **Cody Cushing** (PI: David Clewett (**chair**); UCLA)  
 2021 **Mouslim Cherkaoui** (PIs: Hakwan Lau and Jesse Rissman; UCLA)  
 2021 **Joshua Cain** (PI: Martin Monti; UCLA)

### Psychology 251 Project Co-Mentor

2021-22 **Fleming Peck** (Behavioral Neuroscience Program)  
 2020-21 **Mary Vitello** (Cognitive Program)

### Psychology Paper C Reader

2025 **Kara Hoover** (Cognitive Program)  
 2025 **Kylie Alberts** (Cognitive Program)  
 2025 **Ashley Chen** (Cognitive Program)  
 2022 **Samantha Walters** (Cognitive Program)  
 2021 **Mary Whatley** (Cognitive Program)  
 2021 **Catherine Walsh** (Cognitive Program)

### Honors Thesis Second Reader (198B)

2022 **Zoe Day** (PI: Peyman Golshani)  
 2021 **Chenyang Lin** (PI: Ladan Shams)

### Research Assistants

2025- **Saniya Jain, UCLA**

- Psych 196B (Winter/Spring 2025)
- Presenter: UCLA Psychology Undergraduate Research Conference

2025- **Danny Nguyen, UCLA**

2025- **Ophelia White, UCLA**

2024- **Michelle Morshchagin, UCLA**

- 2024- **Luke Porciuncula Gonzales, UCLA**
- 2024- **Charlotte Bradley, UCLA**
- 2024- **Emiko Brown, UCLA**
- 2023- **Jason Ngarmnimittham, UCLA**
- 2023 **Noah Moreno, UCLA**
- 2023- **Lily Zheng, UCLA**
- 2023- **Feifan Zou, UCLA**
- 2022- **Janys Li, UCLA Psych 196B (Winter 2022)**
- Dean's Prize Award – UCLA Undergraduate Research Week
  - Presenter: UCLA Psychology Undergraduate Research Conference
- 2022- **Ashwathi Nair, UCLA**
- Presenter: UCLA Undergraduate Research Week
- 2022-23 **Amna Ali, UCLA**
- 2022 **Charles Green, UCLA**
- Psych 196B (Winter 2022)
- 2021-22 **Maryan Miremadi, UCLA**
- Presenter: Psychology Undergraduate Research Conference
- 2021-22 **Camille Laksman, UCLA**
- Psych 196B (Spring 2021)
  - UCLA Psychology Honors Program
- 2021-23 **Ziyuan Chen, UCLA**
- UCLA Psychology Honors Program
  - Presenter: Psychology Undergraduate Research Conference
- 2019-20 **Zala Reppman, Columbia University**
- Disciplinary Honors Program, Radboud University
- 2019 **Elizabeth Stettenbauer, NYU**
- 2018-19 **Elizabeth Xu, NYU**
- Co-author on successful DURF grant
  - Honors thesis co-mentor
- 2018 **Joseph Bell, Columbia University**
- 2016-17 **Alexander Ren, NYU**
- Co-author on successful DURF grant
- 2013-16 **Ringo Huang, USC**
- Co-author on two successful SURF grants
  - Co-author on successful SOAR grant
  - Co-author on two successful Provost Fellowships
  - Co-author on successful Rose Hills Foundation grant
- 2013-14 **Eshed Margalit, USC**

- Recipient of the 2014 Brian Phillip Rakusin Neuroscience Scholarship Award, given to the best junior-year student in the neuroscience major
- NEUR-490 (neuroscience major) honors project
- Co-author on two successful Provost Fellowships, USC

2013 **Jolie Cooperman, USC**

- BISC-490 (biology major) honors project
- Co-author on successful Provost Fellowship, USC

2013 **Paul Choi, California State University: Northridge**

2013 **Joyce Kim, USC**

2010-12 **Shelby Bachman, USC**

- Senior Honors Thesis mentor

### UCLA Courses

2020-22 **Organizer, Cognitive Forum, UCLA**

2022FW / 25 **Lecturer, Human Memory (Graduate; PSYCH 262), Department of Psychology, UCLA.**  
+Median Course and Instructor Ratings: 9 out of 9

2021/23/24 / 25 **Lecturer, Cognitive Psychology (PSYCH 120A), Department of Psychology, UCLA.**  
+Median Course and Instructor Ratings: 9 out of 9

2020/23/24 / 25 **Lecturer, Human Memory (Undergraduate; PSYCH 124C), Department of Psychology, UCLA.**  
+Median Course and Instructor Ratings: 9 out of 9

### Teaching Assistant Positions

2012 **Teaching Assistant and Laboratory Instructor, General Physiology (BISC 307L), Department of Biological Sciences, USC**  
+Average TA Rating: 4.92/5

### Workshop Lectures

2012 **Guest Lecturer, "How to process arterial spin labeling data". USC Cognitive Neuroscience and Neuroimaging Methods Workshop.**

2011 **Guest Lecturer, "Imaging functional networks: the ICA and dual regression approach". USC Cognitive Neuroscience and Neuroimaging Methods Workshop.**

### SERVICE TO UNIVERSITY AND COMMUNITY

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2025-26 Organizing Committee, Context and Episodic Memory Symposium, PA

2024-25 Organizer, Growing Up in Science Conversation Series, UCLA

2024 External Expert, Emotional Learning and Memory Summer School, Germany

2023 Co-Chair, Memory Disorders and Research Society Annual Meeting

2023- Psychology Department Executive Committee, UCLA

2022-23 Faculty Search Committee: LatinX and Hispanic Life in the U.S., UCLA

2022-23 Psychology Undergraduate Research Conference (PURC) Faculty Sponsor, UCLA

2021- Legislative Assembly, UCLA

2021-23 Anti-Racism Work Group, UCLA

2021-23 Merit Review Committee: Alternate (UCLA)

2021-22 Moderator for Psychology Undergraduate Research Conference, UCLA

2021 SfN Travel Award Abstract Reviewer, Brain Research Institute, UCLA

2020-22 Cognitive Science Major Committee, UCLA

## **PROFESSIONAL EXPERIENCE**

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- 2019-20      *Research Affiliate*, Davachi Memory Lab, Columbia University, PI: Lila Davachi, Ph.D.
- 2016-20      *Postdoctoral Fellow*, Davachi Memory Lab, New York University, PI: Lila Davachi, Ph.D.
- 2011-16      *PhD Student*, Emotion and Cognition Lab, University of Southern California, PI: Mara Mather, Ph.D.
- 2011          *Teaching Assistant*, BISC 307L: General Physiology, University of Southern California, Instructor: Michael Herrera, Ph.D.
- 2010          *Rotating Graduate Student*, Brain and Creativity Institute, University of Southern California, PI: Hanna Damasio, M.D.
- 2010-11      *Rotating/Consulting Graduate Student*, Self-Control and Addiction Lab, University of Southern California, PI: John Monterosso, Ph.D.
- 2010          *Rotating Graduate Student*, Emotion and Cognition Lab, University of Southern California, PI: Mara Mather, Ph.D.
- 2009-10      *Research Assistant*, Action Lab West, University of California, Santa Barbara, PI: Scott Grafton, M.D.
- 2009-10      *Research Assistant*, Human Memory and Neuroimaging Lab, University of California, Santa Barbara, PI: Michael Miller, Ph.D.
- 2008-09      *Research Assistant*, Close Relationships Lab, University of California, Santa Barbara, PI: Nancy Collins, Ph.D.

## **AD HOC REVIEWER**

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Nature Neuroscience  
Nature Human Behavior  
Science  
Psychological Review  
Proceedings of the National Academy of Sciences  
Cell Reports  
Psychological Science  
Current Biology  
eLife  
JEP: General  
JEP: LMC  
Journal of Neuroscience  
Neuroimage  
Journal of Cognitive Neuroscience  
Human Brain Mapping  
Social Cognitive and Affective Neuroscience  
Psychoneuroendocrinology  
Psychonomic Bulletin & Review  
Current Opinion in Behavioral Sciences  
Neuropsychologia  
Memory & Cognition  
Behaviour Research and Therapy  
Emotion  
Cognition  
Frontiers in Human Neuroscience  
Mind, Brain, and Education

Journal of the Royal Society Interface  
Brain and Cognition  
Brain Imaging and Behavior  
PLOS One  
Memory and Cognition

## **EDITORIAL POSITIONS**

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2023 **Editorial Board**, *Frontiers special issue for International Conf. on Learning and Memory*  
2021/22 **Abstract Reviewer Board**, *Society for Affective Science Conference*  
2020- **Review Editor**, *Frontiers in Human Neuroscience: Brain Imaging and Stimulation*  
2019 **Abstract Reviewer**, *Conference on Cognitive Computational Neuroscience*

## **GRANT REVIEWS**

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2025 **Reviewer**, *National Institute on Aging's Alzheimer's Disease Research Center: Arizona*  
2020 **Reviewer**, *Biotechnology and Biological Sciences Research Council (BBSRC)*

## **PROFESSIONAL MEMBERSHIPS**

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Memory Disorders Research Society  
Brain and Research Institute, UCLA  
Integrative Center for Learning and Memory, UCLA  
Association for Psychological Science  
American Psychological Association  
Psychonomic Society  
Cognitive Neuroscience Society  
Society for Neuroscience  
Society for Affective Science  
Social and Affective Neuroscience Society  
Elected Fellow, UC Irvine Center for the Neurobiology of Learning and Memory (CNLM)

## **MEDIA**

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- 1) Interview for "All in the Mind" podcast on BBC Radio 4: <https://www.bbc.co.uk/programmes/m001tgzg>
- 2) Interview for NPR's "Science Friday" segment: <https://www.sciencefriday.com/person/david-clewett/>
- 3) Interview for Australian Radio Show segment:  
<https://www.abc.net.au/listen/programs/scienceshow/how-our-brains-store-and-process-memories/103830662>
- 4) Altmetric for 2023 *Nature Communications* paper: <https://www.altmetric.com/details/155459981/blogs>
- 5) UCLA press release for 2023 *Nature Communications* paper: <https://newsroom.ucla.edu/releases/emotions-stirred-by-music-create-powerful-memories>
- 6) Live Science blog post on movies and memory: <https://www.livescience.com/health/memory/study-reveals-how-the-brain-divides-days-into-movie-scenes>
- 7) PsyPost blog featuring our CABN (2025) article: <https://www.psypost.org/emotional-arousal-can-cause-memories-to-blur-together-especially-in-anxious-individuals/>
- 8) UCLA Lab Website: <https://clewettlab.psych.ucla.edu/>
- 9) *Behavioral and Brain Sciences* article press release: <https://dornsife.usc.edu/news/stories/2233/why-we-remember-or-forget-details-of-alarming-moments/>
- 10) *Journal of Neuroscience* (2018) article press release: <https://pressroom.usc.edu/tiny-brain-region-sorts-out->

[stressful-memories/](#)

- 11) Npj Science of Learning blog: <https://npjscilearncommunity.nature.com/posts/august-2020-research-round-up>
- 12) Social Neuroscience Fellowship work featured on USC Dornsife website and newsletter: <http://dornsife.usc.edu/news/stories/1490/brainwaves-by-the-sea/>
- 13) Cognitive Neuroscience Society piece: <https://www.cogneurosociety.org/how-memories-lessons-from-smartphone-studies/>

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