

David Clewett, Ph.D. Neuroscience

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ACADEMIC APPOINTMENTS

2020- **Assistant Professor of Psychology**
University of California, Los Angeles

2016-20 **Postdoctoral Fellow** (P.I. Lila Davachi)
New York University, New York

EDUCATION

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

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

- 1) Clewett, D., [⊗]Huang, R., & Davachi, L. (in press). Locus coeruleus activation ‘resets’ hippocampal event representations and separates adjacent memories. *Neuron*. [⊗]graduate student.
- 2) [⊗]McClay, M., Rouhani, N., & Clewett, D. (2025). Negative emotional events retroactively disrupt semantic scaffolding of temporal memory. *Emotion*. [⊗]graduate student.
- 3) [⊗]Morrow, E., & Clewett, D. (2025). Distortion of overlapping memories relates to arousal and anxiety. *Cognitive, Affective, and Behavioral Neuroscience*. [⊗]graduate student.
- 4) [⊗]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.

- 5) 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.
- 6) 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.
- 7) [Ⓢ]Huang, R. *, & Clewett, D. * (2024). The locus coeruleus: Where cognitive and emotion processing meet the eye. In: Pappas, M.H., Goldinger, S.D. (eds) *Modern Pupillometry*. Springer, Cham. *authors contributed equally; [Ⓢ]graduate student.
- 8) Clewett, D. & [Ⓢ]McClay (2024). Emotional arousal lingers in time to bind discrete episodes in memory. *Cognition and Emotion*. pp. 1-20. [Ⓢ]graduate student.
- 9) [Ⓢ]McClay, M., Sachs, M., & Clewett, D. (2023). Dynamic emotional states shape the episodic structure of memory. *Nature Communications*, 14(1), 6533. [Ⓢ]graduate student.
- 10) [Ⓢ]Greer, J. *, [Ⓢ]Morrow, E. *, & Clewett, D. (2022). Subliminal backdoors to forgetting emotional memories. *Trends in Cognitive Sciences*. *equal contributions. [Ⓢ]graduate student or lab manager.
- 11) Clewett, D., & Dunsmoor, J. (2022). Novel strategies for expanding memory's penumbra in aging. *Trends in Cognitive Sciences*.
- 12) 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.
- 13) 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.
- 14) Clewett, D., Gasser, C., & Davachi, L. (2020). Pupil-linked arousal signals track the temporal organization of events in memory. *Nature Communications*, 11, 4007.
- 15) Thorp, J., Clewett, D., & Riegel, M. (2020). Two routes to incidental memory under arousal: Dopamine and norepinephrine. *Journal of Neuroscience*, 40(9), 1790-1792.
- 16) 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.
- 17) *Clewett, D., & *Murty, V. (2019). Echoes of emotions past: How neuromodulators determine what we recollect. *ENeuro*. *equal contributions
- 18) Clewett, D., Dubrow, S., & Davachi, L. (2019). Transcending time in the brain: How event memories are constructed from experience. *Hippocampus*, 29(3), 162-183.
- 19) 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.
- 20) 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.
- 21) 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.

- 22) 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.
- 23) 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.
- 24) 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.
- 25) 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.
- 26) 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.
- 27) 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.
- 28) 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.
- 29) 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.
- 30) 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.
- 31) 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.
- 32) 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.
- 33) 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.
- 34) 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.
- 35) 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
- 36) 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.
- 37) Hermundstad, A. M., Bassett, D. S., Brown, K. S., Aminoff, E. M., Clewett, D., Freeman, S., Frithsen, A., 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.
- 38) 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 or preprinted

- 1) [®]Morrow, E., [®]Huang, R., & Clewett, D. (preprint). Dopaminergic activity bends time to encode greater mental distance between episodic memories. (<https://www.biorxiv.org/cgi/content/short/2025.05.14.654133v1>) [®]graduate student.
- 2) [®]Harris, B., [®]McClay, M., & Clewett, D. (preprint). Cognitive reappraisal influences the organization of emotional episodes in memory. (https://doi.org/10.31234/osf.io/kgwa3_v1). [®]graduate student.
- 3) 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.

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) [®]Peck, F., & Clewett, D. (in prep). Gaze patterns reveal an impairing role of context reinstatement in temporal memory retrieval. [®]graduate student.
- 3) [®]Güller, B., Karahamza, S., Şentürk, Y., Bein, O., Clewett, D., & Günseli, E. (in prep). The role of working memory in event segmentation. [®]visiting graduate student.
- 4) Grant, J., Garcia Campos, L., Ott, C., Clewett, D., & Lempert, K. (in prep). Associations between duration memory and temporal discounting.
- 5) Kumar, R., Huang, A., [®]McClay, M., Clewett, D., & Cohen, A. (in prep). The impact of affective prediction errors on memory. [®]graduate student.
- 6) Chandreswaran, V., Stawarczyk, D., Bierbrauer, A., Clewett, D., Brunec, I., Coughlan, G., ...& Zhang, H (in prep). Reliance on spatial cues across multiple virtual navigation tasks.
- 7) 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

- 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, D., Schoeke, A., Abrams, Z. & Mather, M. (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

- Clewett, D. (invited). 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. (forthcoming, 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. (forthcoming, 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, PN
- 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. *9th 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

Graduate Students

Fall 2025-	Jacinda Taggett , UCLA Psychology Graduate Program
2025 W/S	Berna Güller , 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 **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

2026	Brett Davis (PI: Michelle Craske, UCLA)
2026	Fleming Peck (PI: Jesse Rissman, UCLA)
2026	Kaia Sargent (PI: Gregory 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 <ul style="list-style-type: none"> • 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) <ul style="list-style-type: none"> • Dean's Prize Award – UCLA Undergraduate Research Week • Presenter: UCLA Psychology Undergraduate Research Conference
2022-	Ashwathi Nair, UCLA <ul style="list-style-type: none"> • Presenter: UCLA Undergraduate Research Week
2022-23	Amna Ali, UCLA

2022	Charles Green, UCLA <ul style="list-style-type: none"> Psych 196B (Winter 2022)
2021-22	Maryan Miremadi, UCLA <ul style="list-style-type: none"> Presenter: Psychology Undergraduate Research Conference
2021-22	Camille Laksman, UCLA <ul style="list-style-type: none"> Psych 196B (Spring 2021) UCLA Psychology Honors Program
2021-23	Ziyuan Chen, UCLA <ul style="list-style-type: none"> UCLA Psychology Honors Program Presenter: Psychology Undergraduate Research Conference
2019-20	Zala Reppman, Columbia University <ul style="list-style-type: none"> Disciplinary Honors Program, Radboud University
2019	Elizabeth Stettenbauer, NYU
2018-19	Elizabeth Xu, NYU <ul style="list-style-type: none"> Co-author on successful DURF grant Honors thesis co-mentor
2018	Joseph Bell, Columbia University
2016-17	Alexander Ren, NYU <ul style="list-style-type: none"> Co-author on successful DURF grant
2013-16	Ringo Huang, USC <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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

2024- 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

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	<i>Research Assistant, Action Lab West, University of California, Santa Barbara, PI: Scott Grafton, M.D.</i>
2009-10	<i>Research Assistant, Human Memory and Neuroimaging Lab, University of California, Santa Barbara, PI: Michael Miller, Ph.D.</i>
2008-09	<i>Research Assistant, Close Relationships Lab, University of California, Santa Barbara, PI: Nancy Collins, Ph.D.</i>

AD HOC REVIEWER

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

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

GRANT REVIEWS

2020	Reviewer , <i>Biotechnology and Biological Sciences Research Council (BBSRC)</i>
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PROFESSIONAL MEMBERSHIPS

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

- 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/>