CORY S. INMAN

Assistant Professor
Department of Psychology
University of Utah
380 1530 E, Salt Lake City, UT 84112
Phone: 404-917-3322
cory.inman@psych.utah.edu

EDUCATION

EMORY UNIVERSITY
Ph.D. in Psychology, Cognition and Development (2014)
Advised by Stephan Hamann, PhD
Dissertation: Dynamic neural connectivity of autobiographical memory retrieval processes

EMORY UNIVERSITY
M.A. in Psychology, Cognition and Development (2011)
Advised by Stephan Hamann
Thesis: Prediction of recollective experience with attention and emotional arousal

GEORGIA STATE UNIVERSITY
B.A. in Psychology with High Honors (2006)
Advised by Tricia Z. King, PhD

PROFESSIONAL EXPERIENCE

UNIVERSITY OF UTAH
Assistant Professor, Department of Psychology (2021-)
Training Faculty, Neuroscience Program (2021-)

UNIVERSITY OF CALIFORNIA, LOS ANGELES
Assistant Researcher, Department of Psychiatry (2019-2020)

EMORY UNIVERSITY
Postdoctoral Fellow, Department of Neurosurgery (2014-2019)

GRANTS

BRAIN Initiative Brain-Behavior Quantification and Synchronization (BBQS) Grant (Submitted for 2023-2028) Estimated full award if awarded: $6,000,000
Capturing Autobiographical memory formation in People moving Through real-world spaces Using synchronized wearables and intracranial Recordings of EEG (CAPTURE), **Role: Principal Investigator – Impact Score of 28. Just in Time info requested. Will find out funding decision this Fall.**

R01MH120194-01A1, NIMH (2020-2025) - Utah Subaward: **$750,347**
Mechanisms of Amygdala-Mediated Memory Enhancement in Human, **Role: Site PI and Co-Investigator**

NSF 2124252 (2021-2024) - Full Award: $1,000,000; Utah Award: $500,000
Enhancing Episodic Memory through Real-world Integration of Brain Recording and Stimulation with Semantic Alignment of Human and IoT Perception**, Role: Principal Investigator**

NIH UO1 NS117838, NINDS (2020-2025) – Utah Subaward – 10% Effort
Neurostimulation and Recording of Real-World Spatial Navigation in Humans, **Role: Co-Investigator**

U01 NS121472, NIMH (2021-2026) – Utah Subaward – 10% Effort
Mapping Algorithmic State Space in the Human Brain, **Role: Co-Investigator**

R01 1R01MH124761-01A1 (2021-2026) – Utah Subaward – 10% Effort
Intracranial Neurophysiological Signatures of Fear and Anxiety in Humans, **Role: Co-Investigator**

Friends of Semel Research Scholar Grant (2019-2021) - $50,000
Cognitive Neuroscience of Navigation and Episodic Memory in the Wild, **Role: Principal Investigator**

PUBLICATIONS

*Contributed equally
Google Scholar Page: https://scholar.google.com/citations?user=y07SI5oAAAAJ&hl=en #Trainee Author

1. Wahlstrom, K.#, **Inman, C.S.** (Resubmitted). Your brain's save button: The Amygdala. *Frontiers for Young Minds*.

2. Campbell J.M.#, Davis, T.S., Anderson, A., **Inman, C.S.,** Smith EH., Rolston, JD. Cortico-cortical evoked potentials are traveling waves. (In Revision). *Brain Stimulation*.

3. **Inman, C.S.,** Hollearn, M. #, Augustin, L. #, Campbell, J. #, Wahlstrom, K. # (In Revision). How the amygdala shapes our present, past, and future. *Neuron*.

4. Addante, R.J., Lopez-Calderon, J.L., Allen, N., Luck, C., Muller, A., Sirianni, L., **Inman, C.S.**, Drane, D.L. (2023). An ERP measure of non-conscious memory reveals dissociable implicit processes in human recognition using an open-source automated analytic pipeline. *Psychophysiology*. e14334. https://doi.org/10.1111/psyp.14334

5. **Inman, C.S.**, Garcia, L., Topalovic, U., Vallejo Martelo, M. Stangl, M., Davis, T. Hollearn, M. #, Campbell, J#, Augustin, L#, Eliashiv, D., Hasulak, N., Hiller, S., Suthana, N. (In Prep). Theta oscillations in the human temporal lobe change at event boundaries during real-world navigation.

6. **Inman, C.S.**, Blanpain, L., Bijanki, K.R., Manns, J., Hamann, S., Drane, D.L., Willie, J.T. (In prep). Hippocampal dependence of amygdala-mediated memory enhancement: A Case-Study. *Neuropsychologia*.

7. Gill, J.L.*, Schneiders, J.A.*, Stangl, M., Aghajan, Z.M., Hiller, S., Topalovic, U., Vallejo, M., **Inman, C.S.**, Villaroman, D., Bari, A., Adhikari, A., Rao, V.R., Fanselow, M., Craske, M.G., ... Koek, R.J., Suthana, N.*, and Langevin, J-P*. (2023). A pilot study of closed-loop neuromodulation for treatment-resistant post-traumatic stress disorder. *Nature Communications*, 14 (1), 2997.

8. Topalovic, U., Barclay, S., Ling, C., Alzuhair, A., Yu, W., Hokhikyan, V., Chandrakumar, H., Rozgic, D., Jiang, W., ... **Inman, C.S.**, Stangl, M., Bari, A., Fallah, A., Eliashiv, D., Pouratian, N., Chang, E., Fried, I., Suthana, N., Markovic, D. (2023). A wearable platform for closed-loop stimulation and recording of single-neuron and local field potential activity in freely-moving humans. *Nature Neuroscience*, 1–11.

9. Stangl, M., Topalovic, U., **Inman, C.S.**, Hiller, S., Villaroman, D., Aghajan, Z.M., Moore, L.C., Hasulak, N.R., Rao, V.R., Halpern, C.H., Eliashiv, D., Fried, I., Suthana, N. (2021). Boundary-anchored neural mechanisms of location-encoding for self and others. *Nature*, 589, 420–425.

10. Bijanki, K.R., van Rooij, S.J.H., Ely, T.D., Stevens, J.S., **Inman, C.S.**, ... Willie, J.T. (2021). Case series: Unilateral amygdala ablation ameliorates post-traumatic stress disorder symptoms and biomarkers. *Neurosurgery*, nyaa051.

11. Sendi, M. S. E., **Inman, C. S.**, Bijanki, K. R., Blanpain, L., Park, J. K., Hamann, S., Gross, R. E., Willie, J. T., & Mahmoudi, B. (2021). Identifying the neurophysiological effects of memory-enhancing amygdala stimulation using interpretable machine learning. *Brain Stimulation*, 14(6), 1511–1519.

12. Topalovic, U., Aghajan, Z. M., Villaroman, D., Hiller, S., Christov-Moore, L., Wishard, T. J., Stangl, M., Hasulak, N. R., **Inman, C.**, ..., Fried, I., & Suthana, N. (2020). Wireless Programmable Recording and Stimulation of Deep Brain Activity in Freely Moving Humans. *Neuron*, 108(2), 322-334.e9

13. Goyal, A., Miller, J., Qasim, S. E., Watrous, A. J., Zhang, H., Stein, J. M., **Inman, C. S.**, Gross, R. E., Willie, J. T., Lega, B., Lin, J.-J., Sharan, A., Wu, C., Sperling, M. R., Sheth, S. A., McKhann, G. M., Smith, E. H., Schevon, C., & Jacobs, J. (2020). Functionally distinct high and low theta oscillations in the human hippocampus. Nature Communications, 11(1), 2469.

14. Tsitsiklis, M., Miller, J., Qasim, S.E., **Inman, C.S.**, ... Jacobs, J. (2020). Single-Neuron Representations of Spatial Targets in Humans. *Current Biology,* 30(2), 245-253.e4.

15. Hanslmayr, S., Axmacher, N., & **Inman, C. S.** (2019). Modulating Human Memory via Entrainment of Brain Oscillations. Trends in Neurosciences, 42(7), 485–499.

16. Riva Posse, P.*, **Inman, C.S.***, Choi, K., Crowell, A., Hamann, S., Mayberg, H. (2019). Autonomic arousal elicited by subcallosal cingulate stimulation is explained by white matter connectivity. *Brain Stimulation,* 12(3), 743-751.

17. Bijanki, K.R., Manns, J.R., **Inman, C.S.**, Choi, K.S., Harati, S, Pedersen, N.P., Drane, D., Waters, A., Fasano, R.E., Mayberg, H.S., Willie, J.T. (2019). Cingulum stimulation enhances positive affect and anxiolysis, facilitating awake craniotomy. *Journal of Clinical Investigation*, 129(3), 1152-1166.

18. Qasim, S. E., Miller, J., **Inman, C. S.**, Gross, R., Willie, J. T., Lega, B., ... Jacobs, J. (2019). Memory retrieval modulates spatial tuning of single neurons in the human entorhinal cortex. *Nature Neuroscience*, 22, 2078–2086.

19. Kucewicz, M.T., Saboo, K., Berry, B.M., Kremen, V., Miller, L.R., Khadjevand, F., Wanda, P., Sperling, M.R., Gorniak, R., Davis, K., Jobst, B.C., **Inman, C.S.**, Lega, B., ... Worrell, G. (2019). Human Verbal Memory Encoding Is Hierarchically Distributed in a Continuous Processing Stream. *eNeuro,* 6(1), ENEURO.0214-18.2018.

20. **Inman, C.S.,** Bijanki, K.R., Bass, D.I., Gross, R.E., Hamann, S.*, Willie, J.T.* (2018). Human amygdala stimulation effects on emotion physiology and emotional experience. *Neuropsychologia*, 145, 106722.

21. **Inman, C.S.***, Manns, J.R.*, Bijanki, K.R., Bass, D.I., Hamann, S., Drane, D.L., Fasano, R., Kovach, C.K., Gross, R.E., , Willie, J.T. (2018). Direct Electrical Stimulation of the Amygdala Enhances Declarative Memory in Humans. *Proceedings of the National Academy of Science USA*, 115(1), 98-103.

22. **Inman, C.S.**, James, G.A., Watts, K., Hamann, S. (2018). Dynamic changes in large-scale functional network organization during autobiographical memory retrieval. *Neuropsychologia,* 110, 208-224.

23. Solomon, E., Kragel, K., Gross, R., Lega, B., Sperling, M., Worrell, G., Sheth, S., Zaghloul, K., Jobst, B., Stein, J., Das, S., Gorniak, R., **Inman, C.**, Seger, S., Rizzuto, D., and Kahana, M. (2018). Medial temporal lobe functional connectivity predicts stimulation-induced theta power. *Nature Communications,* 9(1), 4437.

24. Waldman, Z., Chervenova, I., Berry, B., Kucewicz, M., Ganne, C., He, X-S., Elahian, B., Shimamoto, S., Davis, L.A., Stein, J., Das, S., Gorniak, R., Sharan, A.D., Gross, R.E., **Inman, C.S.**, ... Worrell, G., Sperling, M., Weiss, S.A. (2018). Ripple oscillations in the intracranial electroencephalogram can disrupt verbal episodic memory encoding. *Epilepsy and Behavior,* 88, 33-40.

25. Miller, J., Watrous, A.J., Tsitsiklis, M., Lee, S.A., Sheth, S., Schevon, C., Smith, E., Sperling, M.R., Sharan, A., Asadi-Pooya, A.A., Worrell, G.A., Jobst, B.C., **Inman, C.S.**, Davis, K.A., Lega, B., Das, S.R., Stein, J.M., Gorniak, R., Rizzuto, D., Jacobs, J. (2018). Lateralized hippocampal oscillations underlie distinct aspects of human spatial memory and navigation. *Nature Communications, 9.*

26. Goyal, A., Millier, J., Watrous, A.J., Lee, S.A., Coffey, T., Sperling, M.R., Sharan, A., Worrell, G., Berry,

B., Lega, B., Jobst, B., Davis, K.A., **Inman, C.**, Sheth, S.A., Ezzyat, Y., Das, S.R., Stein, J., Gorniak, R., Rizzuto, D., Jacobs, J. (2018). Electrical stimulation in hippocampus and entorhinal cortex impairs spatial and temporal memory. *Journal of Neuroscience, 3049-17.*

27. Ezzyat, Y., Wanda, P.A., Levy, D.F., Kadel, A., Aka, A, Pedisich, I., Sperling, M.R., Sharan, A.D., Lega, B.C., Burks, A., Gross, R.E., **Inman, C.S.**, Jobst, B.C., Gorenstein, M.A., Davis, K.A., Worrell, G.A., Kucewicz, M.T., Stein, J.M., Gorniak, R., Das, S.R., Rizzuto, D.S., Kahana, M.J. (2018). Closed-loop stimulation of temporal cortex rescues functional networks and improves memory. *Nature Communications, 9(1), 365.*

28. Bush, K.A., **Inman, C.S.,** Hamann, S., Kilts, C.D., James, G.A. (2017). Distributed Neural Processing Predictors of Multi-dimensional Properties of Affective Signals. *Frontiers in Human Neuroscience*, 11.

29. Solomon, E., Kragel, J., Sperling, M., Sharan, A., Worrell, G., Kucewicz, M., **Inman, C.**, Lega, B., Davis, K., Stein, J., Jobst, B., Zaghloul, K., Sheth, S., Rizzuto, D., Kahana, M. (2017). Widespread theta synchrony and high-frequency desynchronization underlies enhanced cognition. *Nature Communications*, 8(1), 1704.

30. Ezzyat, Y., Kragel, J.E., Burke, J.F., Levy, D.F., Lyalenko, A., Wanda, P., O'Sullivan, L., Hurley, K.B., Busygin, S., Pedisich, I., Sperling, M.R., Worrell, G.A., Kucewicz, M.T., Davis, K.A., Lucas, T.H., **Inman, C.S.**, …, Rizzuto, D.S., and Kahana, M.J. (2017). Direct brain stimulation modulates encoding states and memory performance in humans. *Current Biology*, 27(9), 1251-1258.

31. Kragel, J.E., Ezzyat, Y., Sperling, M.R., Gorniak, R., Worrell, G.A., Berry, B.M., **Inman, C.S.**, Lin, J-J, Davis, K.A., Das, S.R., Stein, J.M., Jobst, B.J., Zaghloul, K.A., Sheth, S.A., Rizzuto, D.R., Kahana, M.J. (2017). Similar patterns of neural activity predict memory function during encoding and retrieval. *Neuroimage, 155, 60-71.*

32. Bauer, P. J., Pathman, T., **Inman, C.**, Campanella, C., & Hamann, S. (2017). Neural correlates of autobiographical memory retrieval in children and adults. *Memory*, 25(4), 450–466.

33. Reidy, B. L., Hamann, S., **Inman, C.,** Johnson, K. C., & Brennan, P. A. (2016). Decreased sleep duration is associated with increased fMRI responses to emotional faces in children. *Neuropsychologia*, *84*, 54–62.

34. **Inman, C.S.**, James, G.A., Hamann, S., Rajendra, J., Pagnoni, G., Butler, A. (2012). Altered resting-state effective connectivity of fronto-parietal motor control systems on the primary motor network following stroke. NeuroImage, 59, 227-237.

CHAPTERS

1. **Inman, C.S.** & Brunner, P. (2023). What are the practical considerations for building a successful intracranial EEG and direct brain stimulation research program? In N. Axmacher (Ed.). *Intracranial EEG for Cognitive Neuroscience* (1st ed., pp. 61-71). Springer.

AWARDS

- Inductee into the Memory Disorders Research Society (2023)
- Friends of Semel Research Scholar Award, UCLA (2019)
- American Society of Stereotactic and Functional Neurosurgeons Meeting, Best Presentation (2018)
- International Conference on Learning and Memory, NIH Travel Award (2018)
- Blackrock Microsystems, Society for Neuroscience Travel Award (2016)
- Helmsley Charitable Trust, Travel Grant, Cold Spring Harbor Laboratory (2015)
- Emory University, Facility for Education and Research in Neuroscience Pilot Grant, $10,000 (2014)
- Most Outstanding Psychology Student, Georgia State University (2007)
- Brains and Behavior Fellowship, Georgia State University (2006)

PATENTS

Bijanki, K.R., **Inman, C.S.**, Pedersen, N.P., Willie, J.T. (2022). Anxiolysis without sedation: Awake craniotomy facilitated by continuous direct stimulation of cingulum bundle (US Patent No. 11,241,575 B1). U.S. Patent and Trademark Office. shorturl.at/iFPX8.

SELECTED INVITED TALKS

*Presentation award received

2023

- Cognitive Science Program Colloquium, University of Arizona, Tucson, AZ
- Memory Disorders Research Society, Los Angeles, CA
- National Institutes of Health NINDS Functional Neurosurgery Section, Bethesda, MD
- NSF Neural and Cognitive Systems Investigators Meeting, Bethesda, MD
- BRAIN Initiative Investigators Meeting, Symposium on "Human Neuroscience in the Wild", **Chair**, Bethesda, MD
- Memory and Perception Lab, HippoCamera Working Group, University of Toronto
- University of Pennsylvania, Philadelphia, PA
- Cognitive Neuroscience Society, Symposium on "The Data Science Future of Cognitive Neuroscience", San Francisco, CA
- International Meeting on Learning and Memory meeting, Open Paper presentation, Huntington Beach, CA

2022

- Blackrock Neurotech, Salt Lake City, UT
- American Epilepsy Society Meeting, Nashville, TN, Ad-Tech Single Unit Symposium, **Planner and Moderator**
- Society for Neuroscience, Human Intracranial Recording: Memory, Cognition, and Emotion Nanosymposium
- University of California, San Diego, Department of Neurology
- University of California, Riverside
- American Society for Stereotactic and Functional Neurosurgery, Atlanta, GA
- Eastern Carolina University, Department of Engineering
- Neurobiology of Learning and Memory Winter Meeting, Symposium on "Emotion and Memory in the Wild," ***Chair***, Park City, UT

2021

- University College London, Welcomme Center for Human Neuroimaging, Translational Neurophysiology Group
- Voytek Lab, University of California, San Diego
- University of Freiburg, Freiburg Epilepsy Center, Department of Neurosurgery
- University of Utah, Department of Neurobiology
- Neurosciences Seminar Series, University of New Mexico
- Providence College, Department of Psychology
- University of Utah, Department of Health and Kinesiology
- University of Utah, Behavioral Neuroscience Journal Club

2020

- Neuromatch 2.0
- Emotion and Social Cognition Lab, California Institute of Technology
- UCLA Integrative Center for Learning and Memory Journal Club

2019

- McGill University, Montreal Neurological Institute, Cognition and Circuits Seminar

- Stanford University, Department of Neurology and Neurosurgery Seminar
- UCLA, Learning and Behavior Seminar
- Neurobiology of Learning and Memory Winter Meeting, Symposium on "How the Amygdala Modulates Memory Consolidation," ***Chair***

2018
- Cognitive Neuroscience Society, Symposium on "Memory Modulation via Direct Brain Stimulation in Humans," ***Chair***
- University of California, Irvine, Department of Neurology Grand Rounds
- Virginia Tech Carilion Research Institute, Biomedical Research Institute Symposium
- University of Texas, Houston, Department of Neurosurgery Symposium
- American Society of Stereotaxic and Functional Neurosurgeons Meeting, Oral Presentation*
- University of California, Los Angeles, Department of Neurosurgery Symposium
- International Conference on Learning and Memory, Huntington Beach, California*
- Georgia Institute of Technology, Cognition and Brain Science Symposium

2017
- Georgia State University, Psychology Department Symposium
- World Society for Stereotactic and Functional Neurosurgery, Berlin, Germany
- American Association of Neurological Surgeons Annual Scientific Meeting
- Dartmouth Hitchcock Epilepsy Retreat, Mount Snow, Vermont
- Emory University Neuroethics Program, Neuroethics and Neuroscience in the News
- Neurobiology of Learning and Memory, Park City, Utah

2016
- North Georgia Regional Annual Memory Meeting
- Emory University, Psychology Department Annual Symposium
- Emory University School of Medicine, Neurosurgery Grand Rounds
- American Society of Stereotaxic and Functional Neurosurgeons Meeting, Oral Presentation

2014
- Computational Memory Seminar, University of Pennsylvania

2013
- Emory University, Psychology Department, 50th Year Anniversary symposium

SERVICE

- Reviewer, National Institutes of Health, U24, *BRAIN Initiative: Brain Behavior Quantification and Synchronization – Data Coordination and Artificial Intelligence Center* (2023)
- Reviewer, National Science Foundation Integrative Strategies for Understanding Neural and Cognitive Systems (NCS) Panel (2023)
- Faculty member, Undergraduate Committee, Department of Psychology, University of Utah (2023)
- Faculty Advisor, Sunrise of Sandy, Lecture on Neuroscience of Memory University of Utah (2022-)
- Ad Hoc Reviewer, Utah Clinical and Translational Science Institute, University of Utah (2021-)
- Community outreach, STEM Career Student Interview, Dunwoody Elementary School, GA (2022)
- Faculty member, Admissions Committee, Neuroscience Program, University of Utah (2021-2022)
- Community outreach, My path from AP Psychology to Professor, Northview High School, GA (2021)
- Faculty member, Diversity Committee, Department of Psychology, University of Utah (2021-2022, 2023)
- Faculty member, Graduate Committee, Department of Psychology, University of Utah (2021)
- University of Utah Football Recruiting, Student-Athlete Psychology Department Recruitment (2021)

- Founder and President, Emory Graduate Students in Psychology and Neuroscience (GSPN; 2012-2014)
- Leadership Coach, Georgia Institute of Technology, Leading Edge Program (2017-2018)
- President, Graduate Research Interdisciplinary Team of Scholars (GRITS; 2009-2011)
- Member, Emory Graduate Student Council (2009-2012)

ADVISING

University of Utah

- Krista Wahlstrom, Ph.D. (Current; Postdoctoral Fellow; R01 Funded)
- Justin Campbell (Current; Neuroscience Program M.D., Ph.D. Mentee; T32 Recipient; F30 Applicant)
- Martina Hollearn (Current; Ph.D. Mentee; NSF GRFP Recipient 2022, Honorable Mention 2021; Nancy Klekas Outstanding Service Award)
- Lensky Augustin (Current; Ph.D. Mentee; NSF GRFP Applicant)
- Aydin Tasevac (Current; Ph.D. Mentee)
- Wyatt Wilson (Awarded the Department's Outstanding Honors Thesis in Psychology)
- Carson Miller (Undergraduate Research Opportunity Program (UROP) Student)
- Griffin Light (Independent study research assistant)
- Kiersten Olson (Research Assistant; Lab Manager)
- Shane Denherder (Research Assistant; Lab Manager)
- Lillian MacKinney (Summer Program for Undergraduate Research (SPUR) Student)
- Amanda Holt (Research Assistant)
- Grant Gutzwiller (High School Research Assistant)

University of California, Los Angeles (UCLA)

- Jay Gill (M.D., Ph.D. Mentee; NRSA F30 Awardee)
- Sabrina Levy (M.D., Ph.D. Mentee; NRSA F30 Awardee)
- 4 independent study research assistants

Emory University

- Lou Blanpain (M.D., Ph.D. Mentee)
- Charles Ferris, Ph.D. (Ph.D. Mentee)
- I also directly supervised and advised 1 M.A. student, 3 Honors Thesis students, and 10 independent study students.

GRADUATE STUDENT COMMITTEES

*Indicates completed degree

- Martina Hollearn (Psychology Masters, Chair)
- Justin Campbell (Neuroscience M.D./Ph.D., Chair)
- Amy McConnell (Psychology Ph.D., Member)*
- Holly Gagnon (Psychology Ph.D., Member)*
- Morgan Saxon LaFevers (Psychology Ph.D., Member)*
- Corey Shaman (Neuroscience M.D./Ph.D., Member)
- Veronica Zarr (Neuroscience Ph.D., Member; Qualification Exam Chair)
- Miranda Wright (Communication Sciences and Disorders Ph.D., Member)
- Danielle Lopez (Biomedical engineering Ph.D., Member)
- Nathan Johnson (Neuroscience Ph.D., Member)

TEACHING

- Guest Lecturer, Adult Development and Aging (Psy3230), University of Utah (2023)

- Guest Instructor, Neural Data Science (COGS 138), University of California, San Diego (2022)
- Instructor, Neuropsychology (PSY5700/6700), University of Utah (2021)
- Instructor, Brain and Behavior (PSY2710), University of Utah (2021-2023)
- Guest Instructor, Biomedical Engineering, Bioelectricity, University of Utah (2021)
- Guest Lecturer, Developmental Cognitive Neuroscience, University of Utah (2021)
- Neuromatch Academy Mentor (2020-2023)
- Instructor, Competitive Edge Journal Club for underrepresented scientists, UCLA (2019-2020)
- Guest Lecturer, Psychological Research Methods, Reinhardt College (2017-2022)
- Guest lecturer, Human Learning and Memory, Emory University (2017)
- Guest lecturer, Neuroethics, Emory University (2017)
- Instructor, Introduction to Outdoor Recreation, Emory University (2015-2018)
- Instructor, Lifeguarding, Emory University (2012-2018)
- Teaching Assistant, Biomedical Engineering, Georgia Institute of Technology, Core course in Experimental Design (2014)
- Teacher, Brainy Days elementary school neuroscience program (2012-2013)
- Lecture writer for Emory-Tibet Science Initiative (2011-2014)
- Guest lecturer, Undergraduate course in Cognition, Emory University (2010)
- Teaching Associate, Experimental Methods in Psychology, Emory University (2010)
- Teaching Assistant, Applied Statistics for Psychology, Emory University (2009)

JOURNAL EDITOR

- **Managing Editor for Special Issue** on Cognitive Neuroscience with Naturalistic Paradigms, Neuropsychologia
- Special Issue Editor, Frontiers Learning and Memory 2023 – Volume 2 Research Topic
- PLOS Computational Biology (Guest Editor)

AD-HOC REVIEWING

Nature Human Behavior, Neuron, Current Biology, Nature Communications, Nature Neuroscience, Journal of Neuroscience, Trends in Neurosciences, Cell Reports, eLife, Annals of the New York Academy of Sciences, Journal of Cognitive Neuroscience, Cerebral Cortex, Neuroimage, Human Brain Mapping, PLOS Biology, Cortex, Hippocampus, Cognition and Emotion, iScience, Neuroscience and Biobehavioral Reviews, Network Neuroscience, Neurobiology of Learning and Memory, Frontiers in Human Neuroscience, Neuromodulation, Behavior Research Methods, American Journal of Neuroradiology, Psychosomatic Medicine

IN THE NEWS

ImpactStory Summary: https://impactstory.org/u/0000-0003-2928-6252

Science Mag: Brain-scanning backpack brings neuroscience into the real world
IEEE Spectrum: Stimulating the Brain's Emotional Center Enhances Memory
Dana Foundation: Beyond Emotion: Understanding the Amygdala's Role in Memory
Neurocritic: Amygdala Stimulation in the Absence of Emotional Experience Enhances Memory for Neutral Objects
Psychology Today: Electrical Stimulation of the Amygdala Boosts Human Memory
US News: Could an Electric Pulse to the Brain Recharge Your Memory?
Eureka Alerts: Direct amygdala stimulation can enhance human memory
Psych Central: Direct Stimulation of Brain Area May Boost Memory for a Day
IB Times: What is the amygdala? Stimulating the brain with electricity can improve memory

SELECTED CONFERENCE POSTERS

Wahlstrom, K.L.#, Campbell, J.#, Hollearn, M.#, Swift, J., Adamek, M., Blanpain, L., Xie, T., Brunner, P., Hamann, S., Arian, A., Eisenman, L., Manns, J., Willie, J., **Inman, C.S.** (2023). Direct electrical stimulation of the human amygdala enhances recognition memory for objects and not scenes. Presented at the International Conference on Learning and Memory, Huntington Beach, CA.

Hollearn, M.K.#, Blanpain, L., Manns, J.R., Hamann, S.B., Bijanki, K., Gross, R.E., Drane, D., Campbell, J.M.#, Wahlstrom#, K.L., Willie, J.T.*, **Inman, C.S.*** (2023, April 26-30). Exploring stimulation parameters and individual differences in amygdala-mediated memory modulation. Presented at the International Conference on Learning and Memory, Huntington Beach, CA, United States.

Campbell, J.M., Wahlstrom, K.L., Hollearn, M.K., Blanpain, L., Davis, T., Swift, J., Adamek, M., Xie, T., Brunner, P., Hamann, S.B., Arain, A., Eisenman, L., Gross, R.E., Rolston, J.D., Rahimpour, S., Manns, J.R., Willie, J.T., **Inman, C.S.** (2023, April 26-30). Closed-loop direct electrical stimulation to optimize amygdala-mediated memory enhancement in humans. Presented at the International Conference on Learning and Memory, Huntington Beach, CA, United States.

Hollearn, M. K., Blanpain, L., Manns, J. R., Hamann, S. B., Bijanki, K., Gross, R. E., Drane, D., Campbell, J. M., Wahlstrom, K. L., Willie, J. T., **Inman, C. S.** (2022). Direct Electrical Stimulation of the Human Amygdala Enhances Declarative Memory. Society for Neuroscience, San Diego, CA.

Hollearn, M. K., **Inman, C.S.** (2023). Responders of direct human amygdala stimulation for memory enhancement. Data Blitz poster at Neurobiology of Learning and Memory Conference, Park City, UT.

Hollearn, M. K., Blanpain, L., Manns, J. R., Hamann, S. B., Bijanki, K., Gross, R. E., Drane, D., Campbell, J. M., Wahlstrom, K. L., Willie, J. T., **Inman, C. S.** (2023). Exploring stimulation parameters and individual differences in amygdala-mediated memory modulation. Learning and Memory Conference, Huntington Beach, CA.

Campbell, J.M., Wahlstrom, K.L., Hollearn, M.K., Blanpain, L., Davis, T., Swift, J., Adamek, M., Xie, T., Brunner, P., Hamann, S.B., Arain, A., Eisenman, L., Gross, R.E., Rolston, J.D., Rahimpour, S., Manns, J.R., Willie, J.T., **Inman, C.S.** (2023). Closed-loop direct electrical stimulation to optimize amygdala-mediated memory enhancement in humans. Poster presentation at International Conference on Learning and Memory.

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Inman, C.S. & Hamann, S. Experience-related eye movements reflect declarative memory for emotional and neutral pictures. Poster presented at the annual Cognitive Neuroscience Society meeting (2011).

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Inman, C., Mumaw, M., & King, T. Emotional awareness and psychophysiological markers of performance on the Iowa Gambling Task. Poster presented at the annual meeting of the Association for Psychological Sciences (2007).

PROFESSIONAL TRAINING

- Blackrock Microsystems Hands-On Electrophysiology Workshop (2019)
- Data Science for Neuroscientists, Society for Neuroscience, San Diego, CA (2016)
- Responsible Conduct of Research Ethics Course (2016)
- Neural Data Science Course, Cold Spring Harbor, Lloyd Harbor, New York (2015)

PROFESSIONAL SOCIETY MEMBERSHIPS

Society for Neuroscience, Cognitive Neuroscience Society, Organization for Human Brain Mapping

ACADEMIC REFERENCES

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