

Travis D. Goode, Ph.D. – Curriculum Vitae

tdgoode@mgh.harvard.edu
185 Cambridge St. CPZN 4400
Boston, MA 02114
ORCID: 0000-0003-1432-8894
<https://www.travisgoode.com>
<https://www.sahaylab.com>

EDUCATION & RESEARCH POSITIONS

- 2018–present **Research Fellow in Medicine (Postdoctoral Fellow)**
Harvard Medical School (HMS)
Massachusetts General Hospital (MGH)
Mentor: Dr. Amar Sahay
Center for Regenerative Medicine, MGH, Boston, MA 02114 USA
Harvard Stem Cell Inst., Cambridge, MA 02138, USA
Dept. of Psychiatry, HMS, Boston, MA 02114, USA
Broad Inst. Of Harvard and MIT, Cambridge, MA 02142 USA
- 2012–2018 **Neuroscience Ph.D.**
Texas A&M University (TAMU)
Mentor: Dr. Stephen Maren
Committee: Drs. James Grau, Mark Packard, Jun Wang
4.0/4.0 GPA
Thesis: Brain Systems for Coordinating Fear to Uncertain Threats
Dept. of Psychological and Brain Sciences, TAMU, College Station, TX 79016 USA
Texas A&M Inst. for Neuroscience (TAMIN), TAMU, College Station, TX 79016 USA
- 2006–2011 **Psychology B.A.**
Biological Sciences Minor
University of Tennessee (UTK)
Mentors: Drs. Matthew Cooper, Michael Nash
3.72/4.00 GPA (Magna Cum Laude)
Dept. of Psychology, Knoxville, TN 37996 USA

PUBLICATION RECORD

Total Publications: 17 (11 Data Articles; 5 Reviews; 1 Book Chapter); 13 as First or Co-First Author
Research Mentees Highlighted in Blue Font

- (17) Reed L. Ressler**, **Travis D. Goode****, [Sohmee Kim](#), Karthik R. Ramanathan, Stephen Maren (2021) Covert capture and attenuation of a hippocampus-dependent memory. *Nature Neuroscience* 24: 677–684. PMID: PMC8102347
*Equal Contribution***
Manuscript Featured in the Journal's News & Views
Manuscript Recommended on Faculty Opinions/H1Connect
- (16) **Travis D. Goode****, Kazumasa Z. Tanaka**, Amar Sahay, Thomas J. McHugh (2020) An integrated index: place cells, engrams and hippocampal memory. *Neuron* 107: 805–820. PMID: PMC7486247
*Equal Contribution***

PUBLICATION RECORD (cont'd)

- (15) Reed L. Ressler, **Travis D. Goode**, **Carolyn Evemy**, Stephen Maren (2020) NMDA receptors in the CeA and BNST differentially regulate fear conditioning to predictable and unpredictable threats. ***Neurobiology of Learning and Memory*** 174: 107281. PMID: PMC7484222
Manuscript Featured on the Journal's Cover
- (14) **Travis D. Goode**, Gillian M. Acca, Stephen Maren (2020) Threat imminence dictates the role of the bed nucleus of the stria terminalis in contextual fear. ***Neurobiology of Learning and Memory*** 167: 107116. PMID: PMC6980749
Manuscript Featured on the Journal's Cover
- (13) **Travis D. Goode**, Reed L. Ressler, Gillian M. Acca, Olivia Miles, Stephen Maren (2019) Bed nucleus of the stria terminalis regulates fear to unpredictable threat signals. ***eLife*** 8: e46525. PMID: PMC6456295
- (12) Kelly Luyck, **Travis D. Goode**, Haemy Lee Masson, Laura Luyten (2019) Distinct activity patterns of the human bed nucleus of the stria terminalis and amygdala during fear learning. ***Neuropsychology Review*** 29: 181–185. PMID: PMC6366553
- (11) **Travis D. Goode**, Stephen Maren (2018) Common neurocircuitry mediating drug and fear relapse in preclinical models. ***Psychopharmacology*** 236: 415–437. PMID: PMC6373193
- (10) Roger Marek**, Jingji Jin**, **Travis D. Goode****, Thomas F. Giustino, Qian Wang, Gillian M. Acca, Roopashri Holehonnur, Jonathan E. Ploski, Paul J. Fitzgerald, Timothy P. Lynagh, Joseph W. Lynch, Stephen Maren, Pankaj Sah (2018) Hippocampus-driven feed-forward inhibition of the prefrontal cortex mediates relapse of extinguished fear. ***Nature Neuroscience*** 21: 384–392. PMID: PMC5957529
*Equal Contribution***
Manuscript Recommended on Faculty Opinions/H1Connect
- (9) **Travis D. Goode**, Stephen Maren (2017) Role of the bed nucleus of the stria terminalis in aversive learning and memory. ***Learning & Memory*** 24: 480–491. PMID: PMC5580527
- (8) Thomas F. Giustino, Jocelyn R. Seemann, Gillian M. Acca, **Travis D. Goode**, Paul J. Fitzgerald, Stephen Maren (2017) β -adrenoceptor blockade in the basolateral amygdala, but not the medial prefrontal cortex, rescues the immediate extinction deficit. ***Neuropsychopharmacology*** 42: 2537–2544. PMID: PMC5686500
- (7) **Travis D. Goode**, Crystal M. Holloway-Erickson, Stephen Maren (2017) Extinction after fear memory reactivation fails to eliminate renewal in rats. ***Neurobiology of Learning and Memory*** 142: 41–47. PMID: PMC5457330
- (6) **Travis D. Goode**, Jingji Jin, Stephen Maren (2018) Neural circuits for fear relapse. Pp 182–202, In ***Neurobiology of Abnormal Emotion & Motivated Behaviors*** (S Sangha, D Foti, Eds) San Diego: Elsevier. PMID: N/A
- (5) Brooke N. Dulka, Ellen C. Ford, Melissa A. Lee, Nathaniel J. Donnell, **Travis D. Goode**, Rebecca Prosser, Matthew A. Cooper (2016) Proteolytic cleavage of proBDNF into mature BDNF in the basolateral amygdala is necessary for defeat-induced social avoidance. ***Learning & Memory*** 23: 156–160. PMID: PMC4793198

PUBLICATION RECORD (cont'd)

- (4) **Travis D. Goode**^{**}, Kah-Chung Leong^{**}, Jarid Goodman, Stephen Maren, Mark Packard (2016) Enhancement of striatum-dependent memory by conditioned fear is mediated by beta-adrenergic receptors in the basolateral amygdala. ***Neurobiology of Stress*** 3: 74–82. PMID: PMC5146203
Equal Contribution^{**}
- (3) **Travis D. Goode**, Janice J. Kim, Stephen Maren (2015) Reversible inactivation of the bed nucleus of the stria terminalis blocks reinstatement but not renewal of extinguished fear. ***eNeuro*** 2: ENEURO.0037-15.2015. PMID: PMC4586936
Manuscript Featured in the 2017 Society for Neuroscience (SfN) Calendar
Manuscript Awarded Reader's Pick in Journal's Blog
- (2) **Travis D. Goode**, Janice J. Kim, Stephen Maren (2015) Relapse of extinguished fear after exposure to a dangerous context is mitigated by testing in a safe context. ***Learning & Memory*** 22: 170–178. PMID: PMC4340132
- (1) **Travis D. Goode**, Stephen Maren (2014) Animal models of fear relapse. ***Institute for Laboratory Animal Research (ILAR) Journal*** 55: 246–258. PMID: PMC4197897

COMPETITIVE FUNDING

Recipient of >\$1,200,000 in Grants, Awards, and Fellowships Since Starting Graduate School (2012)

Competitive Research Funding

- | | |
|-----------|--|
| 2023–2028 | K99/R00 Pathway to Independence Award (\$1,008,900)
National Institute of Mental Health
Project Title: A Genetically Defined Lateral Septum Circuit for Contextual Calibration of Food Reward-Seeking
Role: PI; Sponsor: Dr. Amar Sahay; Co-Advisors: Drs. Michael Krashes & Kerry Ressler
Impact Score: 28 |
| 2021–2023 | Young Investigator Grant (\$70,000)
Brain & Behavior Research Foundation
Project Title: Delineating Lateral Septum Circuitry Underlying Food-Seeking
Role: PI; Sponsor: Dr. Amar Sahay |
| 2016–2018 | F31 Predoctoral Ruth L. Kirschstein National Research Service Award (\$64,185)
National Institute of Mental Health
Project Title: Neural Circuits for Reinstatement of Fear (F31MH107113)
Role: PI; Sponsor: Dr. Stephen Maren; Co-Sponsor: Dr. Jun Wang
Impact Score: 19; Percentile: 4% |

Additional Competitive Awards

- | | |
|------|---|
| 2023 | Travel Award (¥150,000 + Accommodations Covered)
Japan Neuroscience Society |
| 2023 | Travel Award (\$2,000)
Society of Biological Psychiatry |

COMPETITIVE FUNDING (cont'd)

Additional Competitive Awards (cont'd)

2023	Travel Award (Flights/Meals/Accommodations Covered) NIMH/Therapeutic Potential of Kappa Opioids in Pain and Addiction (KappaCon)
2020	Young Scientist Travel Award (\$2,000) Harvard Brain Science Initiative, Harvard U.
2018	U.S. Senator Phil Gramm Doctoral Fellowship (\$5,000) Texas A&M U.
2017	Trainee Professional Development Award (\$1,000) Society for Neuroscience
2017	Travel Award (\$500) One Health Initiative, Texas A&M U.
2017	Close the Gap Fellowship (\$1,500) Office of Graduate & Professional Studies, Texas A&M U.
2017	Poster Presentation Award (\$100) 9 th Annual Neuroscience Symposium Inst. for Neuroscience, Texas A&M U.
2016	Travel Award (\$500) Association of Former Students, Texas A&M U.
2015	Aggies Commit Fellowship (\$2,000) Graduate & Professional Student Council, Texas A&M U.
2015	Best Abstract Award (\$200) Conference on Learning & Memory U. of Texas–Austin
2014	Travel Award (\$500) Graduate & Professional Student Council, Texas A&M U.
2014	Poster Presentation Award (\$100) Winter Poster and Vendor Show, Texas A&M Chapter of the Society for Neuroscience Inst. for Neuroscience, Texas A&M U.
2012–2017	Travel Award (6 cycles; \$1,200/cycle) Inst. for Neuroscience, Texas A&M U.
2012–2015	Herman F. & Minnie Belle Heep Graduate Fellowship (\$30,000/year) Inst. for Neuroscience, Texas A&M U.
2010	Summer Research Internship (\$2,000) Office of Undergraduate Research, U. of Tennessee

COMPETITIVE FUNDING (cont'd)

Additional Competitive Awards (cont'd)

- 2010 **Social Science Research Excellence Award** (\$100)
Undergraduate Research and Creative Achievement Symposium
U. of Tennessee
- 2009–2010 **Orange Scholars Program** (2 cycles; \$2,500/cycle)
Homer Fund, The Home Depot, Inc.
- 2006–2011 **Tennessee HOPE Scholarship & ASPIRE Award** (5 cycles; \$5,500/cycle)
Tennessee Student Assistance Corporation

ADDITIONAL HONORS

- 2016 **Cover Image Design**
Neurobiology of Learning and Memory, Volume 130
- 2014 **Honorable Mention**
Graduate Research Fellowship Program
National Science Foundation
- 2006–2011 **Dean's List**
College of Arts & Sciences, U. of Tennessee

TEACHING & TUTORING

- 2018 **Lab Instructor**
PSYC 301: Elementary Statistics for Psychology
20 Undergraduate Students
Teaching & Grading Responsibilities (Full Semester)
Dept. of Psychological and Brain Sciences, Texas A&M U.
Student Rating (Overall): 4.61/5.00
- 2017 **Academy for Future Faculty (AFF) Fellow**
Center for Teaching Excellence (CTE), Texas A&M U.
Mentor: Dr. Michael Smotherman
- 2017 **Guest Lecturer**
BIOL 434: Behavioral and Regulatory Neuroscience
20 Undergraduate Students (Primary Instructor: Dr. Michael Smotherman)
Teaching Responsibilities (3 Lectures)
Dept. of Biology, Texas A&M U.
- 2016 **Lab Instructor**
PSYC 301: Elementary Statistics for Psychology
20 Undergraduate Students
Teaching & Grading Responsibilities (Full Semester)
Dept. of Psychological and Brain Sciences, Texas A&M U.
Student Rating (Overall): 4.66/5.00

TEACHING & TUTORING (cont'd)

- 2015 **Teaching Assistant Training Certificate**
Texas A&M Center for Teaching Excellence, Texas A&M U.
- 2010–2011 **Tutor**
8 Undergraduate Students
Student Success Center, U. of Tennessee

RESEARCH MENTEES

- 2022–2023 [Devesh Pathak](#)
Colby College
Visiting Undergraduate Research Scholar
- 2021 [Kevin Lei](#)
Baylor College of Medicine
Visiting Undergraduate Research Scholar
- 2015–2018 [Carolyn Evemy](#)
Texas A&M U.
Undergraduate Research Scholar (Honors Thesis Completed 2019)
Accepted to U. of Vermont Psychology Ph.D. Program
- 2015–2018 [Kaitlyn French](#)
Texas A&M U.
Undergraduate Research Scholar (Honors Thesis Completed 2018)
- 2015–2018 [Sohmee Kim](#)
Honors Student, College Station High School
Accepted to U. of Texas Undergraduate Honors Program
- 2013–2014 [Tyler Vintila](#)
Texas A&M U.
- 2013–2014 [Carolina Zarate](#)
Texas A&M U.

LEADERSHIP & SERVICE

- 2023 **Trainee Retreat Co-Organizer**
Neural Circuit MEETs
- 2022–2023 **Seminar Series Co-Organizer**
Neural Circuit MEETs
- 2021 **Alumni Workshop Panel Presenter**
Inst. for Neuroscience, Texas A&M U.
- 2021 **“How to Post-Doc” Workshop Panel Presenter**
Psychology Department Organization of Graduate Students (PDOGS)
Texas A&M U.

LEADERSHIP & SERVICE (cont'd)

- 2017–2019 **Seminar Co-Chair**
2019 Amygdala Function in Emotion, Cognition and Disease Gordon Research Seminar
Stonehill College, Easton, MA
- 2017 **“Getting into Graduate School” Workshop Organizer/Presenter**
Building Researchers And Innovators In Neuroscience and Society (BRAINS)
Inst. for Neuroscience, Texas A&M U.
- 2016–2018 **Webmaster**
Inst. for Neuroscience, Texas A&M U.
- 2016 **Professional Development Certificate (Intermediate Level)**
Office of Graduate & Professional Studies, Texas A&M U.
- 2015–2017 **University Disciplinary Appeals Panels Member**
Office of the Vice President for Student Affairs, Texas A&M U.
- 2015 **Disciplinary Review Committee Member**
Student Conduct Office, Texas A&M U.
- 2014–2018 **“Brain Day” Organizer/Presenter**
Henderson Elementary School, Bryan, TX
Building Researchers And Innovators In Neuroscience and Society (BRAINS)
Inst. for Neuroscience, Texas A&M U.
- 2014 **Presentation/Poster Judge**
Student Research Week, Texas A&M U.
- 2013–2015 **Delegate & Representative**
Graduate & Professional Student Council, Texas A&M U.
- 2012–2018 **Community Outreach & Symposium Planning Committee Member**
Inst. for Neuroscience, Texas A&M U.
- 2010–2011 **Executive Vice President**
Psi Chi Psychology Honor Society, U. of Tennessee
- 2009–2010 **Executive Vice President**
National Society of Collegiate Scholars, U. of Tennessee
- 2009–2010 **Student Mentor**
South Doyle Middle School, Knoxville, TN
- 2009 **National Leadership Summit Participant**
National Society of Collegiate Scholars, Washington, D.C.
- 2009 **Alternative Fall Break Volunteer**
Lexington, KY
Leadership & Service Center, U. of Tennessee

LEADERSHIP & SERVICE (cont'd)

- 2008 **International Student Volunteer**
Australian Tropical Research Foundation, Cape Tribulation, Qld, AU
- 2007–2008 **Webmaster**
National Society of Collegiate Scholars, U. of Tennessee

AD HOC PEER REVIEW SERVICE

Behavioral Neuroscience

Cell Reports

Cognition & Emotion

eLife

Emerging Topics in Life Sciences

Frontiers in Behavioral Neuroscience

Frontiers in Integrative Neuroscience

Frontiers in Systems Neuroscience

Frontiers in Neuroscience

Journal of Neuroscience

Learning & Memory

Learning and Motivation

Neurobiology of Learning and Memory

Neuropharmacology

Neuropsychopharmacology

Scientific Reports

With Mentor(s):

Cerebral Cortex

Nature Communications

Nature Neuroscience

Translational Psychiatry

OTHER RELEVANT WORK EXPERIENCE

- 2011–2012 **Pharmacy Technician**
Kroger Pharmacy, Knoxville, TN
- 2011 **Laboratory Technician**
Laboratory of Dr. Matthew Cooper
Dept. of Psychology, U. of Tennessee

PRESENTATIONS

Invited Talks (16):

Travis D. Goode, Amar Sahay (2023, December) Calibration of context-evoked feeding by a prodynorphin-expressing lateral septum to lateral hypothalamus circuit. NeuroNET Psychology Seminar, University of Tennessee, Knoxville, TN.

Travis D. Goode, Amar Sahay (2023, November) Calibration of context-evoked feeding by a prodynorphin-expressing lateral septum to lateral hypothalamus circuit. CSU BRAIN Alliance Seminar Series, California State University-Chico, (Virtual).

Travis D. Goode, Amar Sahay (2023, October) Calibration of context-evoked feeding by a prodynorphin-expressing lateral septum to lateral hypothalamus circuit. Early Career Neuroscientist Seminar Series, University of Florida, (Virtual).

PRESENTATIONS (cont'd)

Invited Talks (cont'd):

- Travis D. Goode**, Amar Sahay (2023, April) Hippocampus-dependent calibration of context-evoked feeding by a prodynorphin-expressing lateral septum to lateral hypothalamus circuit. Therapeutic Potential of Kappa Opioids in Pain and Addiction (KappaCon), NIMH, Bethesda, MD
- Travis D. Goode**, Amar Sahay (2022, February) Lateral septum circuits for contextual calibration of feeding. Center for Regenerative Medicine Floor Talk, Harvard University, Massachusetts General Hospital, Boston, MA
- Travis D. Goode**, Amar Sahay (2021, July) Lateral septal circuits for contextual calibration of motivated behavior. Neural Circuits MEETS (MGH/MEE Trainee Seminars), Harvard University, Massachusetts General Hospital, Boston, MA
- Travis D. Goode**, Stephen Maren (2019, April) Brain systems coordinating fear to uncertain threats. Behavioral Neuroscience Area Seminar, Dept. of Psychology Boston College, Boston, MA
- Travis D. Goode**, Stephen Maren (2019, January) Bed nucleus of the stria terminalis regulates fear to unpredictable threats. Winter Conference on Brain Research Snowmass, CO
- Travis D. Goode**, Stephen Maren (2017, November) Uncertain danger: the bed nucleus of the stria terminalis mediates fear to temporally unpredictable threats. Behavioral Neuroscience Area Seminar, Dept. of Psychology U. of Texas, Austin, TX
- Travis D. Goode**, Stephen Maren (2016, September) BNST: beyond context. Behavioral and Cellular Neuroscience Seminar, Dept. of Psychological and Brain Sciences Texas A&M U., College Station, TX
- Travis D. Goode**, Jingji Jin, Stephen Maren (2015, April) Combinatorial DREADD silencing of ventral hippocampal neurons projecting to infralimbic cortex prevents fear renewal. Conference on Learning & Memory U. of Texas, Austin, TX
- Travis D. Goode**, Stephen Maren (2014, October) Contextual control of fear relapse. Texas A&M Institute for Neuroscience Seminar Texas A&M U., College Station, TX
- Travis D. Goode**, Stephen Maren (2014, June) Relapse of extinguished behaviors: role of the BNST. Behavioral and Cellular Neuroscience Seminar, Dept. of Psychological and Brain Sciences Texas A&M U., College Station, TX
- Travis D. Goode**, Stephen Maren (2013, April) Relapse of extinguished fear in rats after exposure to a dangerous context. 5th Annual Texas A&M Institute for Neuroscience Symposium Texas A&M U., College Station, TX
- Travis D. Goode**, Stephen Maren (2013, January) Relapse of extinguished fear. Behavioral and Cellular Neuroscience Seminar, Dept. of Psychological and Brain Sciences Texas A&M U., College Station, TX
- Travis D. Goode**, Matthew A. Cooper (2011, October) Social stress in mice. Faculty of Psychology Seminar U. of Tennessee, Knoxville, TN

PRESENTATIONS (cont'd)

Posters (41):

First Author Denotes Presenter Status; Research Mentees Highlighted in Blue Font

Travis D. Goode, Delara Chizari, Nina Sachdev, Antoine Besnard, Michael Kritzer, **Devesh Pathak**, Evan Macosko, Amar Sahay (2023, July). Hippocampus-dependent calibration of context-evoked feeding by a prodynorphin-expressing lateral septum to lateral hypothalamus circuit. Japanese Neuroscience Society (JNS) Meeting, Sendai, Japan.

Travis D. Goode, Delara Chizari, Nina Sachdev, Antoine Besnard, Michael Kritzer, **Devesh Pathak**, Evan Macosko, Amar Sahay (2023, May). Hippocampus-dependent calibration of context-evoked feeding by a prodynorphin-expressing lateral septum to lateral hypothalamus circuit. Society of Biological Psychiatry (SOBP) Conference, San Diego, CA

Travis D. Goode, Delara Chizari, Nina Sachdev, Antoine Besnard, Michael Kritzer, **Devesh Pathak**, Evan Macosko, Amar Sahay (2022, July). Calibration of context-evoked feeding by a genetically defined lateral septum to lateral hypothalamus circuit. Hypothalamus Gordon Research Conference, Ventura, CA.

Cinzia Vicidomini, Kathleen M. McAvoy, **Travis D. Goode**, Kei Yamamoto, Makoto Murakami, Amar Sahay (2022, April). An aging-induced neuronally secreted factor that promotes cognitive resilience. The Simons Collaboration on Plasticity and the Aging Brain (SCPAP) Spring Meeting, New York, NY

Reed Ressler, **Travis D. Goode**, **Carolyn Evey**, Andrew Martinez, **Sohmee Kim**, Stephen Maren (2019, October). Dorsal hippocampus mediates covert retrieval of a contextual fear memory. Society for Neuroscience Conference Chicago, IL

Travis D. Goode, Gillian M. Acca, Stephen Maren (2019, August). NMDA receptors in the BNST are necessary for learning to fear unpredictable threats. Amygdala Gordon Research Conference/Seminar Easton, MA

Travis D. Goode, Reed Ressler, **Carolyn Evey**, **Kaitlyn French**, Stephen Maren (2018, November). NMDA receptors in the BNST are necessary for learning to fear ambiguous threat. Society for Neuroscience Conference San Diego, CA

Reed Ressler, **Travis D. Goode**, **Sohmee Kim**, Stephen Maren (2018, April). Inhibition of protein synthesis in the dorsal hippocampus prevents reconsolidation of a covertly retrieved fear memory. Society for Neuroscience Conference San Diego, CA

Sohmee Kim, **Travis D. Goode**, Stephen Maren (2018, April). Covert retrieval of contextual memory in the hippocampus. 10th Annual Texas A&M Institute for Neuroscience Symposium Texas A&M U., College Station, TX

Reed Ressler, **Travis D. Goode**, Stephen Maren (2017, December). Inhibition of protein synthesis in the dorsal hippocampus prevents reconsolidation of a covertly retrieved fear memory. Winter Poster and Vendor Show Texas A&M Chapter of the Society for Neuroscience, Texas A&M U., College Station, TX

Travis D. Goode, Gillian M. Acca, Reed Ressler, **Carolyn Evey**, **Kaitlyn French**, **Sohmee Kim**, Stephen Maren (2017, November). The bed nucleus of the stria terminalis mediates fear expression to temporally unpredictable threats. Society for Neuroscience Conference Washington, D.C.

PRESENTATIONS (cont'd)

Posters (cont'd)

Travis D. Goode, Gillian M. Acca, Stephen Maren (2017, October). The bed nucleus of the stria terminalis mediates fear expression to temporally unpredictable threats. Pavlovian Society Meeting Philadelphia, PA

Reed Ressler, **Travis D. Goode**, Stephen Maren (2017, October). Inhibition of protein synthesis in the dorsal hippocampus prevents reconsolidation of a covertly retrieved fear memory. Pavlovian Society Meeting Philadelphia, PA

Travis D. Goode, Gillian M. Acca, Stephen Maren (2017, August). The bed nucleus of the stria terminalis mediates fear expression to temporally unpredictable threats. Gordon Research Conference/Seminar Easton, MA

Travis D. Goode, Gillian M. Acca, Stephen Maren (2016, December). Reversible inactivation of the bed nucleus of the stria terminalis disrupts the expression of fear to unpredictable threats. Winter Poster and Vendor Show Texas A&M Chapter of the Society for Neuroscience, Texas A&M U., College Station, TX

Thomas F. Giustino, Jocelyn R. Seemann, Gillian M. Acca, **Travis D. Goode**, Paul J. Fitzgerald, Stephen Maren (2016, December) Beta noradrenergic blockade in the basolateral amygdala, but not the medial prefrontal cortex, rescues the immediate extinction deficit. Winter Poster and Vendor Show Texas A&M Chapter of the Society for Neuroscience, Texas A&M U., College Station, TX

Jingji Jin, **Travis D. Goode**, Thomas F. Giustino, Qian Wang, Gillian M. Acca, Paul F. Fitzgerald, Roopashri Holehonnur, Jonathan E. Ploski, Stephen Maren (2016, December) Hippocampal-prefrontal projection mediates contextual fear memory retrieval. Winter Poster and Vendor Show Texas A&M Chapter of the Society for Neuroscience, Texas A&M U., College Station, TX

Travis D. Goode, Gillian M. Acca, Stephen Maren (2016, November). Reversible inactivation of the bed nucleus of the stria terminalis disrupts the expression of fear to unpredictable threats. Society for Neuroscience Conference San Diego, CA

Thomas F. Giustino, Jocelyn R. Seemann, Gillian M. Acca, **Travis D. Goode**, Paul J. Fitzgerald, Stephen Maren (2016, November) Beta noradrenergic blockade in the basolateral amygdala, but not the medial prefrontal cortex, rescues the immediate extinction deficit. Society for Neuroscience Conference San Diego, CA

Jingji Jin, **Travis D. Goode**, Thomas F. Giustino, Qian Wang, Gillian M. Acca, Paul F. Fitzgerald, Roopashri Holehonnur, Jonathan E. Ploski, Stephen Maren (2016, November) Hippocampal-prefrontal projection mediates contextual fear memory retrieval. Society for Neuroscience Conference San Diego, CA

Travis D. Goode, Gillian M. Acca, Stephen Maren (2016, September). Reversible inactivation of the bed nucleus of the stria terminalis disrupts the expression of fear to unpredictable threats. Pavlovian Society Meeting Jersey City, NJ

Thomas F. Giustino, Jocelyn R. Seemann, Gillian M. Acca, **Travis D. Goode**, Paul J. Fitzgerald, Stephen Maren (2016, September) Beta noradrenergic blockade in the basolateral amygdala, but not the medial prefrontal cortex, rescues the immediate extinction deficit. Pavlovian Society Meeting Jersey City, NJ

PRESENTATIONS (cont'd)

Posters (cont'd)

Travis D. Goode, Jingji Jin, Roopashri Holehonnur, Jonathan E. Ploski, Stephen Maren (2016, April) Combinatorial DREADD silencing of ventral hippocampal neurons projecting to infralimbic cortex prevents fear renewal. 8th Annual Texas A&M Institute for Neuroscience Symposium Texas A&M U., College Station, TX

Travis D. Goode, Jingji Jin, Roopashri Holehonnur, Jonathan E. Ploski, Stephen Maren (2015, October) Combinatorial DREADD silencing of ventral hippocampal neurons projecting to infralimbic cortex prevents fear renewal. Society for Neuroscience Conference Chicago, IL

Travis D. Goode, Jingji Jin, Roopashri Holehonnur, Jonathan E. Ploski, Stephen Maren (2015, September) Combinatorial DREADD silencing of ventral hippocampal neurons projecting to infralimbic cortex prevents fear renewal. Pavlovian Society Meeting Portland, OR

Travis D. Goode, Jingji Jin, Roopashri Holehonnur, Jonathan E. Ploski, Stephen Maren (2015, August) Combinatorial DREADD silencing of ventral hippocampal neurons projecting to infralimbic cortex prevents fear renewal. Amygdala in Health & Disease Gordon Research Conference/Seminar Stonehill College, Easton, MA

Travis D. Goode, Stephen Maren (2015, April) DREADD silencing of ventral hippocampal neurons prevents fear renewal. 7th Annual Texas A&M Institute for Neuroscience Symposium Texas A&M U., College Station, TX

Travis D. Goode, Janice J. Kim, Stephen Maren (2014, December) Reversible inactivation of the bed nucleus of the stria terminalis blocks reinstatement but not renewal of extinguished fear. Winter Poster and Vendor Show Texas A&M Chapter of the Society for Neuroscience, Texas A&M U., College Station, TX

Jarid Goodman, Kah-Chung Leong, **Travis D. Goode**, Stephen Maren, Mark Packard (2014, December) Enhanced consolidation of habit memory through re-exposure to fear conditioned stimuli can be blocked by propranolol administration. Winter Poster and Vendor Show Texas A&M Chapter of the Society for Neuroscience, Texas A&M U., College Station, TX

Travis D. Goode, Janice J. Kim, Stephen Maren (2014, November) Reversible inactivation of the bed nucleus of the stria terminalis blocks reinstatement but not renewal of extinguished fear. Society for Neuroscience Conference Washington, D.C.

Jarid Goodman, Kah-Chung Leong, **Travis D. Goode**, Stephen Maren, Mark Packard (2014, November) Enhanced consolidation of habit memory through re-exposure to fear conditioned stimuli can be blocked by propranolol administration. Society for Neuroscience Conference Washington, D.C.

Travis D. Goode, Janice J. Kim, Stephen Maren (2014, June) Reversible inactivation of the bed nucleus of the stria terminalis blocks reinstatement but not renewal of extinguished fear. Neuroscience Research Symposium: Emotional Learning and Memory U. of Texas, Dallas, TX

Travis D. Goode, Janice J. Kim, Stephen Maren (2014, April) Reversible inactivation of the bed nucleus of the stria terminalis blocks reinstatement but not renewal of extinguished fear. 6th Annual Texas A&M Institute for Neuroscience Symposium Texas A&M U., College Station, TX

PRESENTATIONS (cont'd)

Posters (cont'd)

Travis D. Goode, Janice J. Kim, Stephen Maren (2013, December) Relapse of extinguished fear in rats after exposure to a dangerous context. Winter Poster and Vendor Show Texas A&M Chapter of the Society for Neuroscience, Texas A&M U., College Station, TX

Travis D. Goode, Janice J. Kim, Stephen Maren (2013, November) Relapse of extinguished fear in rats after exposure to a dangerous context. Society for Neuroscience Conference San Diego, CA

Travis D. Goode, Janice J. Kim, Stephen Maren (2013, September) Relapse of extinguished fear in rats after exposure to a dangerous context. Pavlovian Society Meeting Austin, TX

Travis D. Goode, Janice J. Kim, Stephen Maren (2013, April) Relapse of extinguished fear in rats after exposure to a dangerous context. Conference on Learning and Memory U. of Texas, Austin, TX

Travis D. Goode, Janice J. Kim, Stephen Maren (2013, April) Relapse of extinguished fear in rats after exposure to a dangerous context. 5th Annual Texas A&M Institute for Neuroscience Symposium Texas A&M U., College Station, TX

Melissa Lee, **Travis D. Goode**, Matthew A. Cooper (2011, November) Social status alters the behavioral and neuroendocrine responses to social stress. Society for Neuroscience Conference Washington, D.C.

Travis D. Goode, Matthew A. Cooper (2011, March) Developing a novel social defeat paradigm in mice. Exhibit for Undergraduate Research and Creative Achievement U. of Tennessee, Knoxville, TN

Lina Schlachter, Steven Weiner, **Travis D. Goode**, Michael Nash (2008, October) Traumatic injury and hypnosis. Conference for the Society for Clinical and Experimental Hypnosis King of Prussia, PA

IN THE NEWS

2021:

EurekAlert!/ScienceDaily/ScienMag

"Altering traumatic memories"

https://www.eurekalert.org/pub_releases/2021-04/tau-atm040821.php

<https://www.sciencedaily.com/releases/2021/04/210408152250.htm>

<https://scienmag.com/altering-traumatic-memories/>

Futurity

"Reactivating traumatic memories could reduce their impact"

[https://www.futurity.org/traumatic-memories-2545972-](https://www.futurity.org/traumatic-memories-2545972-2/?utm_source=rss&utm_medium=rss&utm_campaign=traumatic-memories-2545972-2)

[2/?utm_source=rss&utm_medium=rss&utm_campaign=traumatic-memories-2545972-2](https://www.futurity.org/traumatic-memories-2545972-2/?utm_source=rss&utm_medium=rss&utm_campaign=traumatic-memories-2545972-2)

Good New Network

"Researchers find they can weaken fear memories, a discovery that could help treat trauma"

<https://www.goodnewsnetwork.org/texas-am-university-trauma-research-nature-neuroscience/>

2021 (cont'd):

Infosurhoy/MedicalXpress

“Researchers have found that they can indirectly retrieve and weaken traumatic memories”

<https://infosurhoy.com/health/researchers-have-found-that-they-can-indirectly-retrieve-and-weaken-traumatic-memories.html>

<http://ct.moreover.com/?a=44647856856&p=1pl&v=1&x=yuSvbj5-5YxPmA7XXfFPzw>

Medium

“Scientists uncover potential trauma reduction technique”

<https://medium.com/preoccupy-negative-thoughts/scientists-uncover-potential-trauma-reduction-technique-626a0804e39e>

Technology Networks

“Trauma memories wiped out in rat study”

<https://www.technologynetworks.com/tn/news/trauma-memories-wiped-out-in-rat-study-347529>

TekCrispy

“¿Reactivar memorias traumáticas podría ser la clave para superarlas?”

<https://www.tekcrispy.com/2021/04/09/reactivar-memorias-traumaticas-clave-superarlas/>

The Medical News

“New findings could reduce impact of traumatic memories”

<http://ct.moreover.com/?a=44650627541&p=1pl&v=1&x=YDDJPICT8CzFHSgFVfDc5A>

2020:

Harvard Medical School News & Research

“Awards & Recognitions: September 2020”

<https://hms.harvard.edu/news/awards-recognitions-september-2020>

2018:

Brinkwire/EurekaAlert!/MedicalXpress/Science Newsline

“Brain sciences researcher pinpoints brain circuit that triggers fear relapse”

<http://en.brinkwire.com/149362/brain-sciences-researcher-pinpoints-brain-circuit-that-triggers-fear-relapse/>

https://www.eurekaalert.org/pub_releases/2018-02/tau-bsr021318.php

<https://medicalxpress.com/news/2018-02-brain-sciences-circuit-triggers-relapse.html>

<http://www.sciencenewsline.com/news/2018021414000053.html>

2018 (cont'd):

Brisbane Times/Sydney Morning Herald/The Canberra Times/Western Australia Today

“Scientists discover why fears and traumatic memories recur”

<https://www.brisbanetimes.com.au/national/queensland/scientists-discover-why-fears-and-traumatic-memories-recur-20180211-p4yzys.html>

<http://www.smh.com.au/queensland/scientists-discover-why-fears-and-traumatic-memories-recur-20180211-p4yzys.html>

<http://www.canberratimes.com.au/queensland/scientists-discover-why-fears-and-traumatic-memories-recur-20180211-p4yzys.html>

<http://www.watoday.com.au/queensland/scientists-discover-why-fears-and-traumatic-memories-recur-20180211-p4yzys.html>

Discovery – The Brain Dialogue

“Reliving suppressed fear”

<https://www.cibf.edu.au/reliving-suppressed-fear>

Futurity

“This part of the brain makes fear come flooding back”

<http://www.futurity.org/brains-fear-anxiety-1678932/>

KBTX

“TAMU researcher hopes to help improve future PTSD treatments”

<http://www.kbtx.com/content/news/Texas-AM-researcher-hopes-studies-will-improve-future-PTSD-treatments-474122813.html>

MedIndia

“Research reveals how fear returns to memory”

<https://www.medindia.net/news/fear-relapse-research-reveals-how-fear-returns-to-memory-177128-1.htm>

Neuroscience RSS Feeds – Neuroscience News Updates

“Brain circuits that trigger fear relapse identified”

http://neurosciencenews.com/fear-relapse-brain-circuits-8480/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+neuroscience-rss-feeds-neuroscience-news+%28Neuroscience+News+Updates%29

Science Alert/True Viral News

“Scientists have discovered how traumatic experiences actually rewire the brain”

<https://www.sciencealert.com/hippocampus-inhibition-pathways-prefrontal-cortex-post-traumatic-stress-disorder-relapses>

<http://trueviralnews.com/scientists-have-discovered-how-traumatic-experiences-actually-rewire-the-brain/>

The Battalion

“Researchers look to help fight anxiety through brain research”

http://www.thebatt.com/science-technology/researchers-look-to-help-fight-anxiety-through-brain-research/article_99a160c4-1db1-11e8-b945-f341648c17b8.html

2018 (cont'd):

The Eagle

“Rewarding research: Aggie doctoral candidates awarded \$5K Gramm Fellowship to help support research work”

http://www.theeagle.com/news/local/aggie-doctoral-candidates-awarded-k-gramm-fellowship-to-help-support/article_7ad1693a-c540-54a1-994c-41b6dfe6401c.html

The Medical News

“Researcher makes breakthrough discovery in process of fear relapse”

<https://www.news-medical.net/news/20180214/Researcher-makes-breakthrough-discovery-in-process-of-fear-relapse.aspx>

The Surg

“Top stories in science this week”

<https://thesurg.com/science-this-week-feb-2-2018/>

Texas A&M Today

“Texas A&M to present Phil Gramm awards April 4”

<https://today.tamu.edu/2018/03/28/texas-am-to-present-phil-gramm-awards-april-4/>

Technology Networks

“Hippocampus drives feed-forward inhibitory fear circuit”

<https://www.technologynetworks.com/tn/news/hippocampus-drives-feed-forward-inhibitory-fear-circuit-297325>

2014:

Graduate & Professional Student Council, Texas A&M U.

“Research Spotlight Series” Vol. 2(2)

<http://gpsc.tamu.edu/research-spotlight/>

2011:

Office of Undergraduate Research, U. of Tennessee

“Of mice and men: a tale of stress and alcoholism”

<http://ugresearch.utk.edu/2011/09/04/stress-and-alcoholism/>