

Publications

JOURNAL ARTICLES

1. Turetsky, K. M., Curley, J. P., Carter, A. B., & Purdie-Greenaway, V. (2022). Explaining the gender gap in negotiation performance: Social network ties outweigh internal barriers. *Journal of Social Issues*. <https://doi.org/10.1111/josi.12536>
2. Padilla-Coreano, N., Batra, K., Patarino, M., Chen, Z., Rock, R. R., Zhang, R., Hausmann, S. B., Weddington, J. C., Patel, R., Zhang, Y. E., Fang, H.-S., Mishra, S., LeDuke, D. O., Revanna, J., Li, H., Borio, M., Pamintuan, R., Bal, A., Keyes, L. R., ... Tye, K. M. (2022). Cortical ensembles orchestrate social competition through hypothalamic outputs. *Nature*, 603(7902), 667–671. <https://doi.org/10.1038/s41586-022-04507-5>
3. Milewski, T. M., Lee, W., Champagne, F. A., & Curley, J. P. (2022). Behavioural and physiological plasticity in social hierarchies. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 377(1845). <https://doi.org/10.1098/rstb.2020.0443>
4. Strauss, E. D., DeCasien, A. R., Galindo, G., Hobson, E. A., Shizuka, D., & Curley, J. P. (2022). DomArchive: A century of published dominance data. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 377(1845). <https://doi.org/10.1098/rstb.2020.0436>
5. Dwortz, M. F., Curley, J. P., Tye, K. M., & Padilla-Coreano, N. (2022). Neural systems that facilitate the representation of social rank. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 377(1845). <https://doi.org/10.1098/rstb.2020.0444>
6. Strauss, E. D., Curley, J. P., Shizuka, D., & Hobson, E. A. (2022). The centennial of the pecking order: Current state and future prospects for the study of dominance hierarchies. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 377(1845). <https://doi.org/10.1098/rstb.2020.0432>
7. Chase, I. D., Coelho, D., Lee, W., Mueller, K., & Curley, J. P. (2022). Networks never rest: An investigation of network evolution in three species of animals. *Social Networks*, 68, 356–373. <https://doi.org/10.1016/j.socnet.2021.09.002>
8. Lee, W., Milewski, T. M., Dwortz, M. F., Young, R. L., Gaudet, A. D., Fonken, L. K., Champagne, F. A., & Curley, J. P. (2022). Distinct inflammatory and transcriptomic profiles in dominant versus subordinate males in mouse social hierarchies. *Brain Behavior and Immunity*. <https://doi.org/10.1101/2021.09.04.458987>
9. Lee, W., Dowd, H. N., Nikain, C., Dwortz, M. F., Yang, E. D., & Curley, J. P. (2021). Effect of relative social rank within a social hierarchy on neural activation in response to familiar or unfamiliar social signals. *Scientific Reports*, 11(1). <https://doi.org/10.1038/s41598-021-82255-8>
10. Turetsky, K. M., Purdie-Greenaway, V., Cook, J. E., Curley, J. P., & Cohen, G. L. (2020). A psychological intervention strengthens students' peer social networks and promotes persistence in STEM. *Science Advances*, 6(45). <https://doi.org/10.1126/sciadv.aba9221>
11. Beery, A. K., Holmes, M. M., Lee, W., & Curley, J. P. (2020). Stress in groups: Lessons from non-traditional rodent species and housing models. *Neuroscience & Biobehavioral Reviews*, 113, 354–372. <https://doi.org/10.1016/j.neubiorev.2020.03.033>
12. Curley, J. (2022). Social status mediated variation in hypothalamic transcriptional profiles of male mice. *Hormones & Behavior*.

PREPRINTS

1. Lee, W., Milewski, T. M., Dwortz, M. F., Young, R. L., Gaudet, A. D., Fonken, L. K., Champagne, F. A., & Curley, J. P. (2021). *Distinct inflammatory and transcriptomic profiles in dominant versus subordinate males in mouse social hierarchies*. <https://doi.org/10.1101/2021.09.04.458987>
2. Padilla-Coreano, N., Batra, K., Patarino, M., Chen, Z., Rock, R., Zhang, R., Hausmann, S., Weddington, J., Patel, R., Zhang, Y., Fang, H.-S., Keyes, L., Libster, A., Matthews, G., Curley, J., Fiete, I., Lu, C., & Tye, K. (2020). *A cortical-hypothalamic circuit decodes social rank and promotes dominance behavior*. <https://doi.org/10.21203/rs.3.rs-94115/v1>

BOOKS

1. Curley, J. (2020). *Introduction to statistics for the behavioral sciences using R*. <https://jalapic.github.io/introstats/>.

BOOK CHAPTERS

Professional Presentations

Behavioral, physiological and neurobiological plasticity in mouse social hierarchies

VIRTUAL

2021

Network dynamics of social hierarchy formation

VIRTUAL

2021

Power differentials in Social Hierarchies: Why and how they emerge and their consequences for behavior and health

VIRTUAL

2021

Behavioral, physiological and neurobiological plasticity in mouse social hierarchies

VIRTUAL

2020

Effective Data Visualization for Behavioral Neuroscientists

UT AUSTIN

2020

Social information use in mouse social hierarchies

VIRTUAL

2020

Conference Abstracts

A cortical-hypothalamic circuit decodes social rank and promotes dominance behavior

COMPUTATIONAL AND SYSTEMS NEUROSCIENCE (COSYNE) ANNUAL MEETING.

2021

Cortical ensembles decode social rank and promote dominance behavior via hypothalamic projections

SOCIETY FOR NEUROSCIENCE ANNUAL MEETING

2021

Distinct immunophenotypic and transcriptomic responses to social status in mouse social hierarchies

SOCIETY FOR SOCIAL NEUROSCIENCE ANNUAL MEETING

2021

Social Movements: mapping spatial dynamics in mouse social hierarchies using RFID tracking

SOCIETY FOR NEUROSCIENCE ANNUAL MEETING

2021

Social ascension and descension in mouse social hierarchies lead to rapid changes in plasma corticosterone and neural gene expression

SOCIETY FOR SOCIAL NEUROSCIENCE ANNUAL MEETING

2021

Honors

President's Associates Teaching Excellence Award, UT Austin

UT AUSTIN

Austin, US

2022

Affordable Education Champion. Awarded by Senate of College Councils and UT Libraries, UT Austin

UT AUSTIN

Austin, US

2021

Dr. Wendy Domjan Excellence in Teaching Award. Department of Psychology, UT Austin

UT AUSTIN

Austin, US

2021

Funding

Encouraging Data Sharing and Reuse in the Field of Collective Behavior through Hackathon-Style Collaborative Workshops

FUNDING: \$25,000

Directorate for Computer &
Information Science & Engineering,
1839022

2018 - 2022

Service

UT Austin	Austin, US
IACUC MEMBER	NA - present
Encouraging data sharing and reuse in the field of collective behavior through hackathon-collaborative workshops	Austin, US
ORGANIZER OF WORKSHOP	2022 - present
Department of Psychology UT Austin	Austin, US
PSYCHOLOGY ASSESSMENT COMMITTEE (EVALUATES PSYCHOLOGY CURRICULUM).	2021 - present
Department of Psychology UT Austin	Austin, US
CO-COORDINATOR, PSYCHOLOGY DEPARTMENT DATA SCIENCE SUMMER INTERNSHIP PROGRAM.	2021 - present
UT Austin	Austin, US
MEMBER COLA DATA SCIENCE TASK FORCE.	2021 - present
Liberal Arts UG Research Scholarship.	Austin, US
	2021 - present
Department of Psychology UT Austin	Austin, US
COMMITTEE MEMBER, DATA SCIENCE TASK FORCE, DEPARTMENT OF PSYCHOLOGY.	2020 - present
Department of Psychology UT Austin	Austin, US
WORKSHOP ON R PROGRAMMING AND OPEN-SCIENCE, GRADUATE BOOTCAMP, DEPARTMENT OF PSYCHOLOGY	2019 - present
Department of Psychology UT Austin	Austin, US
COMMITTEE MEMBER, GRADUATE PROGRAM TASKFORCE COMMITTEE.	2019 - present
Journal Reviewing	Austin, US
AD-HOC REVIEWER FOR MULTIPLE JOURNALS	2019 - present
PeerJ (United States)	San Diego, US
ASSOCIATE EDITOR	2018 - present
Society for Social Neuroscience	Austin, US
BOARD MEMBER	2017 - 2023
The Royal Society of Biology	London, GB
EDITOR OF SPECIAL ISSUE.	2021 - 2022
UT Austin	Austin, US
PRESENTER AT TEXAS STUDENTS PSYCHOLOGICAL ASSOCIATION.	2021 - 2021
UT Austin	Austin, US
PRESENTER AT PREHEALTH-II FIG AND TRANSFER-YEAR INTEREST GROUPS TRIG	2021 - 2021
Department of Psychology UT Austin	Austin, US
CO-CHAIR JOB SEARCH COMMITTEE FOR ASSISTANT PROFESSOR IN COMPUTATIONAL APPROACHES TO SOCIAL BEHAVIOR	2021 - 2021
Department of Psychology UT Austin	Austin, US
JOB SEARCH COMMITTEE MEMBER FOR ASSISTANT PROFESSOR OF INSTRUCTION IN DATA SCIENCE.	2021 - 2021
UT Austin Johnson & Johnson WISTEM2D program.	Austin, US
GRANT REVIEWER	2020 - 2021
Society for Social Neuroscience	Austin, US
PROGRAM AND PLANNING COMMITTEE CHAIR	2020 - 2021
National Science Foundation Division of Integrative Organismal Systems	Arlington, US
AD-HOC GRANT REVIEWER	2019 - 2021
National Science Foundation	VA, US
NSF PANEL MEMBER: ACCELERATING RESEARCH THROUGH INTERNATIONAL NETWORK TO NETWORK COLLABORATIONS (ACCELNET) PROGRAM	2020 - 2020
Department of Psychology UT Austin	Austin, US
COMMITTEE MEMBER, STRATEGIC PLANNING COMMITTEE, DEPARTMENT OF PSYCHOLOGY.	2019 - 2020

Mentoring and Teaching

MENTORING

Sydney Seese DISSERTATION SUPERVISOR	2022 - present
Maddie Dwortz DISSERTATION SUPERVISOR	2019 - present
Isaac Crews DISSERTATION SUPERVISOR	2018 - present
Tyler Marie Milewski DISSERTATION SUPERVISOR	2018 - present
Won Lee DISSERTATION SUPERVISOR	2015 - 2020

TEACHING

UGS 302 “Being Social” INSTRUCTOR	2021 - present
PSY 120R “R Programming for Behavioral Sciences” INSTRUCTOR	2021 - present
PSY 317L “Introduction to Statistics for the Behavioral Sciences” INSTRUCTOR	2020 - present
PSY 418 “Research Methods and Statistics” INSTRUCTOR	2017 - 2020