

# Cody Moser

PHD STUDENT  
COGNITIVE AND INFORMATION SCIENCES  
UNIVERSITY OF CALIFORNIA, MERCED

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## Education and Research Experience

### University of California, Merced

PHD COGNITIVE AND INFORMATION SCIENCES

- Advisor: Dr. Paul Smaldino
- Dissertation: "Dynamics and Structure in Epistemic Ecologies"

Merced, CA

2020 - present

### Harvard University

GRADUATE RESEARCH FELLOW

- P.I.: Dr. Samuel Mehr

Boston, MA

2018-2022

### Texas A&M University

MA ANTHROPOLOGY

- Advisor: Dr. Jeffrey Winking
- Thesis: "Aggressive mimicry as a human hunting strategy"

College Station, TX

2016 - 2019

### Florida State University

BS ANTHROPOLOGY, MINORS IN BIOLOGY AND STATISTICS

- Thesis advisors: Drs. Elizabeth Peters, Dean Falk, Emily Lemmon
- Honor's Thesis: "Anti-Predator Behaviors in Nocturnal Strepsirrhines"

Tallahassee, FL

2013 - 2016

## Professional Experience

- 2022-2024 **Oskar Morgenstern Fellow**, Mercatus Center, George Mason University
- 2020 **Transportation Policy Intern**, Reason Foundation
- 2020 **Poverty and Inequality in California Research Project Intern**, Cato Institute
- 2015-2016 **Lab Assistant**, Center for Anchored Phylogenomics

## Publications

\*Denotes co-principal authorship; <sup>1</sup> Awarded "Feature paper" by journal

### JOURNAL PUBLICATIONS

**Moser, C.**, Buckner, W., Sarian, M., Winking, J. (2023). Aggressive Mimicry and the Evolution of the Human Cognitive Niche. *Human Nature*.

Smaldino, P. E., **Moser, C.**, Pérez Velilla, A., Werling, M. (2023). Maintaining transient diversity is a general principle for improving collective problem solving. *Perspectives on Psychological Science*.

Falandays, J. B., Kaaronen, R. O., **Moser, C.**, Rorot, W., Tan, J., Varma, V., Williams, T., Youngblood, M. (2023). All Intelligence is Collective Intelligence. *Journal of Multiscale Neuroscience*, 2(1), 169-191.

\*Hilton, C. B., \***Moser, C.**, Bertolo, M., Lee-Rubin, H., Amir, D., Bainbridge, C. M., ... & Mehr, S. A. (2022). Acoustic regularities in infant-directed speech and song across cultures. *Nature Human Behaviour*, 1-12.

<sup>1</sup> **Moser, C.**, & Smaldino, P. E. (2022). Organizational Development as Generative Entrenchment. *Entropy*, 24(7), 879.

Holbrook, C., Yoon, L., Fessler, D. M. T., **Moser, C.**, Delgado, J. D., Kim, H. (2022). Moral Parochialism and Causal Appraisal of Transgressive Harm in Seoul and Los Angeles. *Scientific Reports*, 12, 14227.

Pérez Velilla, A., **Moser, C.**, Smaldino, P. E. (2022). Hidden Clusters Beyond Ethnic Boundaries. [commentary on Uchiyama et al.] *Behavioral and Brain Sciences*, 45.

**Moser, C.,** Ackerman, J., Dayer, A., Proksch, S., Smaldino, P. E. (2021). Why don't cockatoos have war songs? [commentary on Mehr et al. and Savage et al.]. *Behavioral and Brain Sciences*, 44.

## PEER REVIEWED CONFERENCE PROCEEDINGS

\*Milzman, J. & \***Moser, C.** (2023). Decentralized core-periphery structure in social networks accelerates cultural innovation in an agent-based model. In Proc. of the 22nd International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2023), London, United Kingdom, May 29 – June 2, 2023, IFAAMAS.

## IN REVIEW

Moser, C., & Smaldino, P. E. Innovation-Facilitating Networks Create Inequality.

## Presentations

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\* *presenting author*

## CONTRIBUTED TALKS

**Moser, Cody.** 2023. Innovation-Facilitating Networks Create Inequality. Templeton World Charity Foundation Diverse Intelligences Summit

\*Milzman, Jesse, **Moser, C.** 2023. Decentralized core-periphery structure in social networks accelerates cultural innovation in an agent-based model. International Conference on Autonomous Agents and Multiagent Systems.

**Moser, Cody.** 2022. The Network Science of Cumulative Innovations. Institute for Humane Studies 2022 Graduate Conference.

**Moser, Cody.** 2021. Structural and Mechanistic Analogies in Evolutionary Thinking. California Workshop on Evolutionary Social Science

## CONTRIBUTED POSTERS

**Moser, Cody,** Milzman, J. 2023. Decentralized core-periphery structure in social networks accelerates cultural innovation in an agent-based model. Santa Fe Institute Collective Intelligence Symposium.

Milzman, Jesse, **Moser, C.** 2023. Decentralized core-periphery structure in social networks accelerates cultural innovation in an agent-based model. International Conference on Autonomous Agents and Multiagent Systems.

**Moser, Cody.** 2022. The Network Science Cumulative Innovations. 8<sup>th</sup> International Conference on Computational Social Science.

**Moser, Cody.** 2019. Aggressive Mimicry as a Human Hunting Strategy. Human Behavior and Evolution Society 31<sup>st</sup> Annual Conference.

**Moser, Cody,** et al. 2019. Acoustical Regularities in Infant-Directed Vocalizations Worldwide. Acoustical Society of America 177<sup>th</sup> Meeting.

Gursky, Sharon, **Moser, C.** 2018. Echolocation in a nocturnal primate? American Association of Physical Anthropologists 87<sup>th</sup> Annual Meeting.

**Moser, C.** 2016. Anti-predator behaviors in four species of nocturnal strepsirrhine. American Association of Physical Anthropologists 85<sup>th</sup> Annual Meeting.

**Moser, C..** 2015. Spatial height preferences in wild *Cebus capucinus*. American Association of Physical Anthropologists 84<sup>th</sup> Annual Meeting.

## INVITED TALKS

Fall 2023. *Organizational Development as Generative Entrenchment*. Prosocial World Case Studies in Cultural Evolution Working Group.

Spring 2023. *Innovation-Facilitating Networks Create Inequality*. Santa Fe Institute Information Architectures as Sociotechnical Competitions Workshop.

Spring 2023. *Innovation-Facilitating Networks Create Inequality*. Future Gallo School of Management External Advisory Council Meeting, UC Merced.

Fall 2022. *Little Fish in Small Ponds Panel: Early Career Researchers in Big Science*. 2022 Big Team Science Conference.

Fall 2022. *Acoustic Regularities in Infant-directed Speech and Song Across Cultures*. UC Merced Developmental Psychology Colloquium.

Spring 2022. *Acoustic Regularities in Infant-directed Speech and Song Across Cultures*. University of Cambridge Centre for Music and Science Colloquium.

Spring 2021. *Theory of Mind Towards Non-Human Animals*. Yale Department of Psychology Computational Social Cognition Group.

Fall 2016. Anti-Predator Behaviors in Four Species of Nocturnal Strepsirrhine. Duke Lemur Center 50<sup>th</sup> Anniversary Symposium.

## Non-Academic Articles

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- 2023 **Works in Progress Magazine**, On the origins of empathy for other species
- 2022 **Hungarian Conservative Print Edition Special Issue on Conservatism and Innovation**, The Ties That Bind Us  
**Quillette Magazine**, Saving Twitter – A Roundtable w/ Bo Winegard, Jim Rutt, Cody Moser
- 2020 **Areo Magazine**, Freeman Dyson, *In Memoriam*  
**Reason.org**, Driver's License Suspensions and Fees Unfairly Impact the Poor And Are in Need of Reform
- 2019 **Skeptic Magazine 24.3**, The Enigma of Stephen Jay Gould  
**Areo Magazine**, There's Little Reason to Worry About the SAT's New Adversity Score  
**Areo Magazine**, "Is Science Racist?" Book Review
- 2018 **Areo Magazine**, The Selfish Nature of Human Cooperation  
**Quillette Magazine**, The Dangers of Dugin's Particularism  
**Areo Magazine**, Alice Dreger's Middle Finger: Sex, Gender and Unhelpful Hair-Splitting

## Fellowships & Awards

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- 2023 **Oskar Morgenstern Fellowship**, \$ 7,000  
The Mercatus Center  
  
**Winning Research Proposal**,  
SFI Complexity-GAINs Workshop on Representation and Intelligence  
  
**Cognitive & Information Sciences Graduate Student Spotlight Award**,  
UC Merced Department of Cognitive and Information Sciences
- 2022 **Oskar Morgenstern Fellowship**, \$ 7,000  
The Mercatus Center
- 2021 **Humane Studies Fellow**, \$3,000  
Institute for Humane Studies
- 2016 **International Awareness Fellowship**, \$2,000  
Texas A&M MSC LT Jordan Institute
- 2015 **Florida State University Homepage Featured Student**,  
Florida State University

## Grants

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|      |  |          |
|------|--|----------|
| 2023 | <b>Institute for Humane Studies Publication Accelerator Grant,</b><br><i>for Identifying Leverage Points in Opinion Dynamic Networks with External Influence</i> | \$ 5,000 |
|      | <b>UC Merced Office of the Dean of Social Sciences, Humanities and Arts Grant,</b><br><i>for CWESS 2023</i>  | \$ 5,000 |
|      | <b>Mercatus Center Travel Award,</b><br><i>for SFI Collective Intelligence Symposium</i>   | \$ 200   |
|      | <b>AAMAS Student Scholarship,</b><br><i>for AAMAS 2023</i>   | \$ 460   |
|      | <b>Institute for Humane Studies Hayek Travel Award,</b><br><i>for AAMAS 2023</i>   | \$ 750   |
| 2022 | <b>UC Merced Graduate Student Association Travel Award,</b><br><i>for IC2S2 2022</i>   | \$ 400   |
|      | <b>Institute for Humane Studies Hayek Travel Award,</b><br><i>for CSH Vienna International Spring School on Social Complexity</i>                                | \$ 800   |
|      | <b>UC Merced Graduate Fellowship Incentive Award,</b>  | \$ 200   |
| 2016 | <b>TAMU Department of Anthropology Pilot Research Funding Award ,</b><br><i>for Ultrasonic Communication in Bornean Tarsiers</i>                                 | \$ 2,400 |
|      | <b>Murray &amp; Celeste Fasken Chair in Liberal Arts Research Award,</b><br><i>for Ultrasonic Communication in Bornean Tarsiers</i>                              | \$ 500   |
| 2015 | <b>ACC Undergraduate Collaborative Summer Research Award,</b><br><i>for Anti-Predator Behaviors in Nocturnal Strepsirrhines</i>                                  | \$ 5,000 |

## Teaching Experience

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|-------------|--|
| Fall 2023   | <b>Introduction to Cognitive Science,</b> Teaching Assistant |
| Spring      | <b>Senior Thesis Writing Course,</b> Teaching Assistant      |
| Fall 2022   | <b>Language and Linguistics,</b> Teaching Assistant          |
| Spring 2021 | <b>Philosophy of Cognitive Science,</b> Teaching Assistant   |
| Fall 2020   | <b>Introduction to Cognitive Science,</b> Teaching Assistant |
| Spring 2018 | <b>Introduction to Anthropology,</b> Head Teaching Assistant |
| Fall 2017   | <b>Introduction to Anthropology,</b> Teaching Assistant      |
| Spring      | <b>Peoples and Cultures of the World,</b> Teaching Assistant |
| Fall 2016   | <b>Introduction to Anthropology,</b> Teaching Assistant      |

## Outreach & Professional Development

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### WORKSHOPS & TRAINING

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| 2023 | <b>Diverse Intelligences Summer Institute (DISI),</b> University of St. Andrews                                  |
|      | <b>Santa Fe Institute,</b> Complexity-GAINS International Summer School on Intelligence and Representation       |
|      | <b>Santa Fe Institute,</b> Collective Intelligence Short Course  |
|      | <b>Santa Fe Institute,</b> Information Architectures as Sociotechnical Competitions Workshop                     |
|      | <b>Institute for Humane Studies,</b> A Responsible Singularity: Tech Ethics and Unpredictable Change Workshop    |
| 2022 | <b>Santa Fe Institute,</b> Complexity-GAINS International Summer School on Disintegration of Societies           |
|      | <b>Complexity Science Hub Vienna,</b> International Spring School on Social Complexity                           |
|      | <b>Institute for Progress,</b> Economics of Ideas, Science, and Innovation PhD Course                            |
| 2021 | <b>National Science Foundation,</b> Societal Shock Resilience Workshop   |
| 2020 | <b>Santa Fe Institute,</b> Evolution of Collective Computational Abilities of (Pre)Historical Societies Workshop |

## SERVICE POSITIONS

- 2021- **Graduate Student Mentor**, Cognitive Science Student Association at UC Merced  
**Campus Representative**, California Workshop on Evolution Social Sciences  
**Twitter Administrator**, UC Merced Department of Cognitive and Information Sciences
- 2022-23 **Senior Organizer**, California Workshop on Evolution Social Sciences
- 2021-22 **Junior Organizer**, California Workshop on Evolution Social Sciences
- 2016-18 **Coordinator**, Texas A&M Department of Anthropology Graduate-Undergraduate Mentorship Program  
**Mentor**, Texas A&M Department of Anthropology Graduate-Undergraduate Mentorship Program  
**Mentor**, Texas A&M GLBT+ Mentorship Program

## SELECTED MEDIA COVERAGE

*The Guardian*: Gaga for goo goo: Wellington named the global capital of baby talk (07/22/2022)  
*New York Times*: Front cover, 'Parentese' Is Truly a Lingua Franca, Global Study Finds (07/25/2022)  
*The Today Show*: Baby Talk is Universal (07/25/2022)  
*NPR, All Things Considered*: The science is in: Everyone recognizes and uses baby talk with infants (07/31/2022)  
*NPR, Goats and Soda*: Scholars confirm what itsy bitsy babies around the world already know (08/14/2022)  
*Every Little Thing Podcast*: Why do we baby talk? (09/26/2022)

## PEER REVIEW

PNAS Nexus  
Developmental Science  
Evolution and Human Behavior  
Humanities and Social Sciences Communications  
Physical Review E  
Cognition and Emotion  
Evolutionary Human Sciences

## PROFESSIONAL MEMBERSHIPS

California Workshop on Evolutionary Social Sciences  
Cultural Evolution Society  
Human Behavior and Evolution Society  
Long Now Foundation Member #11096