Cody Moser

PHD STUDENT
COGNITIVE AND INFORMATION SCIENCES
UNIVERSITY OF CALIFORNIA, MERCED

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Education and Research Experience

University of California, Merced   *Merced, CA*
PHD COGNITIVE AND INFORMATION SCIENCES   *2020 - present*
- Advisor: Dr. Paul Smaldino
- Dissertation: "Modelling Dynamics and Structure in Epistemic Ecologies"

Harvard University   *Boston, MA*
VISITING GRADUATE RESEARCH FELLOW   *2018-2022*
- P.I.: Dr. Samuel Mehr

Texas A&M University   *College Station, TX*
MA ANTHROPOLOGY   *2016 - 2019*
- Advisor: Dr. Jeffrey Winking
- Thesis: "Aggressive Mimicry as a Human Hunting Strategy"

Florida State University   *Tallahassee, FL*
BS ANTHROPOLOGY, MINORS IN BIOLOGY AND STATISTICS   *2013 - 2016*
- Thesis advisors: Drs. Elizabeth Peters, Dean Falk, Emily Lemmon
- Honor's Thesis: "Anti-Predator Behaviors in Nocturnal Strepsirrhines"

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; [1]Awarded "Feature paper" by journal

REFEREED PUBLICATIONS

Moser, C., & Smaldino, P. E. (In press). Innovation-Facilitating Networks Create Inequality. *Proceedings of the Royal Society B: Biological Sciences*. Preprint on OSF: https://osf.io/preprints/socarxiv/n3hc6/

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.**, Peréz 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.

[1]**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.

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.

Commentaries

Peréz 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.

Presentations

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. 8th International Conference on Computational Social Science.

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

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

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

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

Moser, C.. 2015. Spatial height preferences in wild *Cebus capucinus*. American Association of Physical Anthropologists 84th 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 50th Anniversary Symposium.

Non-Academic Articles

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
	Quillete Magazine, The Dangers of Dugin's Particularism
	Areo Magazine, Alice Dreger's Middle Finger: Sex, Gender and Unhelpful Hair-Splitting

Fellowships & Awards

2023	**Oskar Morgenstern Fellowship,** The Mercatus Center	*$ 7,000*
	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,** The Mercatus Center	*$ 7,000*
2021	**Humane Studies Fellowship,** Institute for Humane Studies	*$3,000*
2016	**International Awareness Fellowship ,** Texas A&M MSC LT Jordan Institute	*$2,000*
2015	**Florida State University Homepage Featured Student,** Florida State University	

Grants

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

Teaching Experience

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

Outreach & Professional Development

WORKSHOPS & TRAINING

2023   **Diverse Intelligences Summer Institute (DISI)**, University of St. Andrews
     Santa Fe Institute, Complexity-GAINs International Summer School on Intelligence and Representation
     Santa Fe Institute, Collective Intelligence Short Course
     Santa Fe Institute, Information Architectures as Sociotechnical Competitions Workshop
     Institute for Humane Studies, A Responsible Singularity: Tech Ethics and Unpredictable Change Workshop

2022   **Santa Fe Institute**, Complexity-GAINs International Summer School on Disintegration of Societies
     Complexity Science Hub Vienna, International Spring School on Social Complexity
     Institute for Progress, Economics of Ideas, Science, and Innovation PhD Course

2021   **National Science Foundation**, Societal Shock Resilience Workshop

2020   **Santa Fe Institute**, 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
Proceedings of the Royal Society B: Biological Sciences
Developmental Science
Evolution and Human Behavior
Royal Society Open Science
Behavioral Ecology
Humanities and Social Sciences Communications
Cognition and Emotion
Evolutionary Human Sciences

PROFESSIONAL MEMBERSHIPS

Cultural Evolution Society
Human Behavior and Evolution Society
Long Now Foundation Member #11096
The Polanyi Society

Proficiencies

Languages: English (native), German (intermediate)
Programming: Python, R, NetLogo, MATLAB
Skills: Agent-based models, networks, bioacoustics, web scraping, data visualization