Chandrakant Agme

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Education

The University of Arizona *July 2022 - May 2024*
MS in Agricultural and Resource Economics
Thesis: Variable Selection in Economic Applications of Remotely Sensed Weather Data —Evidence from the LSMS-ISA **AAEA Outstanding Master's Thesis Award, 2025**

Indian Institute of Management Bodh Gaya *June 2020 - April 2022*
MBA in General Management
Member: Academic Committee

Dr. Babasaheb Ambedkar Technological University *July 2015 - May 2019*
B. Tech. in Petrochemical Engineering
Representative: Literature Secretary, Dept. of Petrochemical Engineering

Publications and Presentations

Journal Articles

[J2] Parker, M. E., Stull, V. J., **Agme, C.**, Runfeldt, E. N., Upton, J. B., & Hoddinott, J. (2026). Black soldier fly larvae and cricket fortified crackers are a safe, nutritious, and acceptable snack for school children in Madagascar. *Scientific Reports*, *16*(1), 27874. https://doi.org/10.1038/s41598-026-52709-y

[J1] Frisvold, G. B., **Agme, C.**, Ervin, D., Allen, J., Askew, S., Bowling, R. G., … Bagavathiannan, M. (2023). Extension event attendance increases adoption of weed management practices by sports field managers. *Weed Technology*, *37*(5), 578–587. https://doi.org/10.1017/wet.2023.66

Working Papers

[W2] Michler, J., Josephson, A., **Agme, C.**, Kilic, T. (2026). Cloudy with a chance of significance: Specification search and the illusion of exogeneity in remotely sensed weather data.

[W1] Upton, J., Schreiber, K., **Agme, C.**, Ravaka, A., Norton, B. (2025). Comparing community-based and data-driven targeting approaches for humanitarian assistance: Evidence from southern Madagascar. DEEP Working Paper 36. Data and Evidence to End Extreme Poverty programme. Oxford. https://doi.org/10.55158/DEEPWP36

Works in Progress

[P3] **Agme, C.**, Hoddinott, J., Upton, J. Trapped: Seasonality, recovery, and persistence in high-frequency food security data.

[P2] Upton, J., **Agme, C.** Cash, Climate, and Coping: An analysis of a natural experiment in Malawi.

[P1] Parker, M., Stull, V., Runfeldt, E., **Agme, C.**, Upton, J., Hoddinott, J. Assessing the impact of insect-fortified foods on child health, nutrition, and environmental sustainability: A prospective, cluster-randomized controlled trial.

Data and Replication

[D2] Parker, M., **Agme, C.** (2025). Acceptability of insect-fortified snacks among school children in Madagascar. figshare. Dataset. https://doi.org/10.6084/m9.figshare.30275950

[D1] **Agme, C.**, Josephson, A., Michler, J.D., Kilic, T., and Murray, S. (2024). "Variable Selection in Economic Applications of Remotely Sensed Weather Data: Evidence from the LSMS-ISA." https://github.com/AIDELabAZ/weather_metrics/

Conference Presentation

2023: 83rd Annual Meeting of the Society for Applied Anthropology, Cincinnati, Ohio

Work Experience

Cornell University *New York, USA*
Predoctoral Research Fellow, Dyson School of Applied Econ. and Management *July 2024 - present*

The University of Arizona *Arizona, USA*
Graduate Research Assistant, AIDE Lab *May 2023 - May 2024*
Graduate Research Assistant, Cooperative Extension *Aug 2022 - May 2023*
Fellow, Humanitarian Assistance Technical Support *Aug 2022 - May 2023*
Academic Tutor, AREC 339/ECON 339: Economic Statistics *Aug 2022 - Dec 2022*

Awards, Scholarships, and Grants

2025 Outstanding Master's Thesis Award Ag. & Applied Economics Association
2023 Graduate International Student Award University of Arizona
2023 R. Keith Walden Grad. Student Support Scholarship University of Arizona
2023 Eric Monke Memorial Scholarship University of Arizona
2023 BITSS RT2 UC Berkeley *(Travel Grant)*
2023 Society for Applied Anthropology Annual Meeting, Ohio *(Travel Grant)*
2022 Graduate International Student Award University of Arizona

Service

- Organizing Committee, Northeastern Universities Development Consortium (NEUDC), 2026
- Reviewer, STARS Program, 2025 – 2026.

Technical Skills

Software Stata, Python, Qualtrics, Git, LaTeX, KoboToolbox
Languages English (Fluent), Hindi (Native), and Marathi (Native)