Aleksandr Michuda

Email: am2497@cornell.edu

Website: amichuda.github.io

Github: github.com/amichuda

Linkedin: www.linkedin.com/in/aleksandr-michuda

Appointments

2021+	Assistant Research Professor	Center for Data Science for Enterprise and Society, Cornell University

Education

2021	Agricultural and Resource Economics, UC Davis	PhD
2014	Economics CUNY Hunter College	BA/MA
2014	Philosophy CUNY Hunter College	BA

Publications

Tabetando, Rayner, Djomo Choumbou Raoul Fani, Catherine Ragasa, and Aleksandr Michuda. "Land market responses to weather shocks: evidence from rural Uganda and Kenya." European Review of Agricultural Economics 50, no. 3 (2023): 954-977.

Vosti, Stephen A., Katherine P. Adams, Aleksandr Michuda, Karen Ortiz-Becerra, Hanqi Luo, Demewoz Haile, Victoria B. Chou et al. "Impacts of micronutrient intervention programs on effective coverage and lives saved: Modeled evidence from Cameroon." Annals of the New York Academy of Sciences 1519, no. 1 (2023): 199-210.

Gupta, Anubhab, Heng Zhu, Miki Khanh Doan, Aleksandr Michuda, and Binoy Majumder. "Economic impacts of the COVID-19 lockdown in a remittance-dependent region." American Journal of Agricultural Economics 103, no. 2 (2021): 466-485.

Michuda, Aleksandr, Rachael E. Goodhue, Mark Hoffmann, and Steven A. Fennimore. "Predicting Net Returns of Organic and Conventional Strawberry Following Soil Disinfestation with Steam or Steam Plus Additives." *Agronomy* 11, no. 1 (2021): 149.

Michuda, Aleksandr, Rachael Goodhue, Karen Klonsky, Graeme Baird, Lucinda Toyama, Margherita Zavatta, Joji Muramoto, and Carol Shennan. "The economic viability of suppressive crop rotations for the control of verticillium wilt in organic strawberry production." *Agroecology and Sustainable Food Systems* 43, no. 9 (2019): 984-1008.

Cabanillas, Oscar Barriga, Jeffrey D. Michler, Aleksandr Michuda, and Emilia Tjernström. "Fitting and interpreting correlated random-coefficient models using Stata." *Stata Journal* 18, no. 1 (2018): 159-173.

Working Papers

Bird, Samuel S.; Michuda, Aleksandr. "Ethnicity and voting at scale: Evidence from Uganda." (2023) ***Submitted***

Tjernström, Emilia, Dalia Ghanem, Oscar Barriga Cabanillas, Travis J. Lybbert, Jeffrey D. Michler, and Aleksandr Michuda. "A Group Random Coefficient Approach to Modeling Heterogeneous Returns to Technology Adoption." (2023) ***Submitted***

Michuda, Aleksandr. "Rural-Urban Risk Sharing Networks: Uber Driver Labor Supply Responses To Shocks In Uganda." (2023)

Michuda, Aleksandr, Cristina Chiarella, Oscar Barriga-Cabanillas, and Juan Sebastian Correa. "Genetic Dilution erodes productivity: Exploring farmers' low adoption levels of improved maize in Ethiopia." (2022)

Doan, Miki Khanh, Aleksandr Michuda, Heng Zhu, Anubhab Gupta, and Binoy Majumder. "Livelihood Strategies in a Climate-change Vulnerable Region." (2022)

Michuda, Aleksandr, and Michael Kevane. "Classification into ethnic groups in Burkina Faso using names and localities." (2022)

Works in Progress

Chris Barrett, Aleksandr Michuda, David Newhouse, Elizabeth Tennant, and Joanna Upton. "Using Data Fusion to Improve Human Capital Indicators" (2023)

Aleksandr Michuda, Abhilasha Sahay, Nivedhitha Subramanian. "H-1B Policy and Women's Labor Force Participation: A study of the Indian Marriage Market" (2023)

Book Chapters and Other Publications

Carter, Michael R., and Aleksandr Michuda. "The Distribution of Productive Assets and the Economics of Rural Development and Poverty Reduction." In The Palgrave Handbook of Development Economics, pp. 377-408. Palgrave Macmillan, Cham, 2019.

Michuda, Aleksandr, Rachael Goodhue, Joji Muramoto, and Carol Shennan. "Crop Rotations Can Increase Net Returns in Organic Strawberry and Vegetable Production Systems." *ARE Update* 20(6)(2017): 5-8. University of California Giannini Foundation of Agricultural Economics.

Michuda, A., Ortiz-Becerra, K., Adams, K., Jarvis, M., Somda, H., Arnold, C., ... & Vosti, S. (2022). minimod: An Open Source Python Package to Evaluate the Cost Effectiveness of Micronutrient Intervention Programs. *Current Developments in Nutrition, 6(Supplement_1)*, 776-776.

Editorships

2023 Special Issue Guest Editor — Harvard Data Science Review 5.3

Reinforcing Reproducibility And Replicability

Peer Review

Journal of Agricultural and Food Economics; *American Journal of Agricultural Economics*; *Socio-Economic Planning Sciences*

Teaching

Fall 2023	Empirical Methods for Applied Economists	Instructor	Cornell University
Summer 2019	Undergraduate Econometrics	Instructor	UC Davis
Fall 2018	Microeconomics	TA	UC Davis

Service

Summer 2023 - Present	GAIN Mentor
Fall 2022 - Present	Mentor for STAAARS+

Languages and Skills

English: Fluent

Russian: Fluent

Ukrainian: Conversational

Technical Skills

Python, R, Stata, GitHub, Bash, GAMS

Past Experience

July 2023 - August 2023	Breakthrough Tech AI	Faculty Lead Mentor	Summer 2024 - Machine Learning Foundations
April 2023 - Present	World Bank Corporation	Short-Term Consultant	Using Data Fusion to Improve Human Capital Indicators
January 2020 - July 2022	UC Davis	Consultant	MINIMOD - Optimal Nutritional Interventions across Space and Time
September 2019 - December 2019	Uber Inc.	Data Science Intern	Pricing and Demand
July 2016 - September 2019	UC Davis	Research Assistant	Disease Suppressive Crop Rotations

Conferences

NEUDC 2022	Genetic Dilution erodes productivity: Exploring farmers' low adoption levels of improved maize in Ethiopia
Pacdev 2022	Urban Labor Supply Responses to Rural Drought Shocks on Rideshare Platforms.
NEUDC 2021	Urban Labor Supply Responses to Rural Drought Shocks on Rideshare Platforms.
BITSS RT2 2020	Dynamic Documents with Jupyter Notebooks
AAEA Meetings 2019	Evaluating a Systems Approach to Suppressive Crop Rotations in Strawberry Production
AAEA Meetings 2018	Political Contributions and the Case of South African Land Reform
AAEA Meetings 2017	The Economic Viability of Suppressive Crop Rotations in Organic Strawberry Production
	Empirically Estimating the Impact of Weather on Agriculture
EEA Conference 2014	The Russian Mir and Agrarian Transition
CUNY's UGRC 2013	Large Frontiers and Coercion: An Economic Perspective

Scholarships and Awards

Summer 2023	Azure Cloud Computing Grant
	H-1B Policy and Women's Labor Force Participation: A study of the Indian Marriage Market
Summer 2022	NSF OSP: 142678
	Conference on Reproducibility and Replicability in Economics and Social Sciences (CRRESS)
Summer 2022	Dyson AEP Faculty Seed Grant
	The Surname-Ethnicity Connection: A Validation Exercise
Spring 2022	Dyson AEP Faculty Seed Grant
	Climate induced soil salinity impacts on agricultural productivity and livelihood diversification in the Sundarbans, India
Winter 2021	(CGIAR) SPIA small grant for agricultural innovations in Ethiopia
Fall 2014 - Spring 2016	Steindler Fellowship
Spring 2017	Henry A. Jastro Grant
Fall 2017	BITSS Catalyst Grant
2017	Graduate Student Association President