

ALEKSANDR MICHUDA

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APPOINTMENTS

| | | |
|--------------|------------------------------|--|
| 2024-Present | Visiting Assistant Professor | Department of Economics, Swarthmore College |
| 2021-2024 | 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

Tennant, Elizabeth; Aleksandr Michuda, Joanna B. Upton, Andres Chamorro, Michael L. Mann, David Newhouse, Christopher B. Barrett. “Nowcasting shocks to human capital.” (2024)

Zhang, Yujia; Varun Gande, Aleksandr Michuda, Peter Frazier. “SARS-CoV-2 Transmission in Classrooms on a College Campus: A Retrospective Cohort Study.” (2024)

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

Tjernström, Emilia, Dalia Ghanem, Aleksandr Michuda, Oscar Barriga Cabanillas, Travis J. Lyb-bert, and Jeffrey D. Michler. “A Group Random Coefficient Approach to Modeling Heterogeneous Returns to Technology Adoption.” (2023) *Revise and Resubmit, Econometrica*

Michuda, Aleksandr. “Rural-Urban Risk Sharing Networks: Uber Driver Labor Supply Responses To Shocks In Uganda.” (2024)

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

Aleksandr Michuda, Abhilasha Sahay, Nivedhitha Subramanian. “H-1B Policy and Women’s Labor Force Participation: A study of the Indian Marriage Market”

Aleksandr Michuda. “Revisiting Urban Migrants’ Responses to Rural Weather Shocks.”

Aleksandr Michuda. “Rideshare Platforms with Savings Mechanisms: Implications for Urban Household Welfare.”

Brennan Antone and Aleksandr Michuda. “Transactive Memory Systems in Boda-boda Networks.”

Aleksandr Michuda and Alfredo Torrico. “The Boda Driver Adoption Decision: Centrally Planned Stages or Decentralized Matching?”

Isaac Ahimbisibwe and Aleksandr Michuda. “Ugandan Surname Prediction Validation”

Karen Ortiz-Becerra, Adriana Molina Garzon and Aleksandr Michuda. “UAVs and Emergency Medical Supply Chains.”

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
Reinforcing Reproducibility And Replicability

Harvard Data Science Review 5.3

PEER REVIEW

Journal of Agricultural and Food Economics; American Journal of Agricultural Economics; Socio-Economic Planning Sciences; Food Policy; The Journal of African Economies

TEACHING

| | | | |
|-------------|--|------------|--------------------|
| Fall 2024 | Economics 1 | Professor | Swarthmore College |
| Fall 2023 | Empirical Methods for Applied Economists | Instructor | Cornell University |
| Summer 2019 | Undergraduate Econometrics | Instructor | UC Davis |
| Fall 2018 | Microeconomics | TA | UC Davis |

SERVICE

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| Summer 2023 - Present | GAIN Mentor |
| Fall 2022 - Present | Mentor for STAAARS+ |
| Fall 2017 - Present | BITSS Catalyst Grant |
| 2017 | Graduate Student Association President |

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/PRESENTATIONS

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|----------------|--|
| CIDER-CRS 2024 | Nowcasting shocks to human capital |
| 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 2019 | Evaluating a Systems Approach to Suppressive Crop Rotations in Strawberry Production |
| AAEA 2018 | Political Contributions and the Case of South African Land Reform |
| AAEA 2017 | The Economic Viability of Suppressive Crop Rotations in Organic Strawberry Production |
| EEA 2014 | Empirically Estimating the Impact of Weather on Agriculture |
| CUNY's | The Russian Mir and Agrarian Transition |
| UGRC 2013 | Large Frontiers and Coercion: An Economic Perspective |

SCHOLARSHIPS AND AWARDS

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| Fall 2024 | IDInsight, Digital Economy Research & Impact Initiative: "Uncertainty and Frictions in Gig Work: Evidence via Conditional Income Guarantee Interventions" |
| Spring 2024 | Einaudi Center Faculty Seed Grant |
| Summer 2023 | The Welfare Effects of UAV Healthcare Delivery on the Migration Decision |
| | Azure Cloud Computing Grant |
| Summer 2022 | H-1B Policy and Women's Labor Force Participation: A study of the Indian Marriage Market |
| | NSF OSP: 142678 |

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| | 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 - | Steindler Fellowship |
| Spring 2016 | |
| Spring 2017 | Henry A. Jastro Grant |