

## Taiye Chen

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EDUCATION	<b>Ph.D.</b> in Economics, American University Dissertation: <i>“Three Essays in International Economics”</i> Advisors: Kara Reynolds (chair), Robert Blecker, Juan Montecino	Aug 2025
	<b>M.A.</b> in International Studies, City University of Hong Kong	2018
	<b>M.A.</b> in Economics, Syracuse University	2017
	<b>B.A.</b> in Economics & <b>B.A.</b> in Actuarial, Binghamton University	2014
Fields of Interest	Primary: International Economics, Development Economics, Macroeconomics	
WORKS IN PROGRESS	<b>Job Market Paper:</b> “Dominant Trade Invoicing and GVC Participation: A Two-Way Interaction”	
	<b>Other Papers:</b> “Real Exchange Rate Undervaluation, Trade Integration, and Sectoral Employment Shares”  “The Impact of Trade Invoicing Decisions on Global Value Chain Participation: An Empirical Analysis”	
POLICY PAPERS	Sophia Abraham, Taiye Chen, Cyril Chhun, Giovanna Jaramillo-Gutierrez, Simon Mylius, and Sayash Raaaj, “Phase Modeling for AI Incident Emergence: Adapting Epidemiological Methods to Post-Deployment Governance,” Arcadia Impact, Working Paper, forthcoming, 2026.  Emmanuel San Andres, Vasquez Glacer, Taiye Chen, and Arthur Shin, “Enhancing MSME Data Interoperability in the APEC Region,” APEC Policy Support Unit, Issues Paper No. 14, Sep 2024.  Emmanuel San Andres, Vasquez Glacer, and Taiye Chen, “Win, Lose or Draw: Estimating the Impact of Trade Disengagement on APEC Trade,” APEC Policy Support Unit, Policy Brief No. 60, May 2024.	
FELLOWSHIPS, GRANTS, AND TRAINING	<b>CSWEP Mentoring Workshop for PhD students</b> <b>Greenberg Building Future Faculty Program</b> , American University <b>Hinrich Student Fellowship</b> , Hinrich Foundation <b>Oskar Morgenstern Fellowship</b> , Mercatus Center, George Mason University	2024 2024 2023 2023
PRESENTATIONS (*Scheduled)	<b>14th Washington Area International Trade Symposium (poster)</b> <b>DC Consortium Student 7th Conference on Evaluation and Policy</b> <b>Eastern Economic Association 51st Annual Conference</b> <b>Southern Economic Association 94th Annual Meeting</b> <b>Southern Economic Association 93rd Annual Meeting</b> <b>International Trade and Finance Association 33rd Annual Conference</b>	2025 2025 2025 2024 2023 2023

RELEVANT WORK EXPERIENCE	<b>Consultant</b> , ESCAP, The United Nations	Aug 2025 - Present
	<b>Research Fellow (Part Time)</b> , Future Impact Group	Dec 2025 - Present
	<b>Research Associate (Part Time)</b> , Arcadia Impact	Sep 2025 - Dec 2025
	<b>Teaching Assistant</b> , American University	Sep 2024 - Aug 2025
	Introduction to Economic Theory; Global Economics & Markets; International Economics	
	<b>Trade Research Fellow</b> , APEC	Oct 2023 - Apr 2024
	<b>Research Intern</b> , ESCAP, The United Nations	Jul 2023 - Apr 2024
	<b>Research Intern</b> , UNCTAD, The United Nations	Dec 2022 - Jun 2023
	<b>Teaching Assistant</b> , Syracuse University	2016 - 2017

SKILLS                    Computer:    STATA, Python, GTAP, R, Eviews, L<sup>A</sup>T<sub>E</sub>X  
                                  Languages:    English, Chinese, French (beginner)

VOLUNTEER AND SERVICE	<b>Reviewer</b> , 29th Annual Conference on Global Economic Analysis	2026
	<b>Judge</b> , 35th Annual Mathias Student Research Conference	2025
	<b>Discussant</b> , Eastern Economic Association 51st Annual Conference	2025

SELECTED PAPER ABSTRACTS    **“Dominant Trade Invoicing and GVC Participation: A Two-Way Interaction”**

This essay examines the bidirectional relationship between dollar-invoiced trade and bilateral GVC flow using a Two-Stage Least Squares (2SLS) instrumental variables approach. The results show a robust negative bidirectional relationship: greater reliance on the dollar in trade constrains deeper GVC integration, while increased participation in GVCs, in turn, reduces dollar dependence. These patterns are sensitive to exchange rate volatility, underscoring the complexity of policy trade-offs under uncertainty.

**“The Impact of Trade Invoicing Decisions on Global Value Chain Participation: An Empirical Analysis”**

This paper investigates how exchange rate fluctuations influence global value chain (GVC) participation at a disaggregated level, focusing on the role of dominant currency invoicing. Using data from 96 countries (1990-2020), the analysis shows that GVC participation is sensitive to trade invoicing and currency movements. Dollar appreciation dampens GVC participation, particularly backward GVCs, which in turn affects forward linkages over time. However, dominant currency invoicing practice could mitigate part of the adverse effects, highlighting its stabilizing role amid currency fluctuations.

ACADEMIC  
REFERENCES

Kara Reynolds (dissertation chair)  
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