

GINA C. PIETERS

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PROFESSIONAL SUMMARY

- International macroeconomist with 10 years of globally recognized experience in cryptoassets and digital money (CBDCs) and crypto, specifically general equilibrium system research and analysis using computational economic or mathematical models.
- Other Skills: Stakeholder Engagement; Academic & Professional Writing; Research/Technical Communication with Diverse Audiences; Public Speaking; Presentation, Team Management
- Expertise: Research Design & Evaluation, Policy Research & Analysis, Mathematical Model Design, Computational Modeling, Data Identification & Analysis, General Equilibrium, Digital Assets, Monetary Policy, Financial Stability, Micro-Founded International Macroeconomic Models
- Technical: MATLAB, Dynare, Stata, limited Python & R

EXPERIENCE

Digital Economy Consulting, Chicago, IL

Founder & Principal Economist, 2023-Present

- Co-lead Economist of the policy analysis team of a multi-billion Phase 1 CBDC project headed by R3 for a Central Bank.
 - Conducted extensive academic and policy literature review, synthesizing results and identifying relevant gaps for client.
 - Developed computational simulation of both dynamic general equilibrium and digital twin agent-based models to determine the macroeconomic impact of CBDC roll-out on the banking disintermediation, financial inclusion, bank balance sheets, and business cycle volatility for policy analysis of client country's Central Bank.
 - Co-authored 180-page technical analysis of banking and monetary policy impact of CBDC launch, with policy recommendations developed in consultation with various units within client Central Bank (reviewed by IMF, HKMA, and BIS).
- Invited Expert Panelist on industry panels to present neutral discussion/education on crypto, Web3, or CBDC topics.
- Served as Expert Reviewer of course materials for a cryptoassets regulator course offered by University of Cambridge, CCAF.

The University of Chicago, Economics Department, Chicago, IL

Lecturer/Assistant Instructional Professor, 2018-Present

- Teach 5 – 6 undergraduate or graduate courses a year, with enrollments of up to 150 students; Create materials to reflect department standards and appropriate to student level and interest; Develop and grade assessments (exams, essays, homework).
- Serve as thesis adviser/committee chair for 3-6 MA economics research papers annually, with a research focus on digital assets, cryptocurrency, or international macroeconomics.
- Provide peer-review or grant-funding input of 3-9 papers for academic journals or government-funded grants annually.
- Supervise and hire 1-3 teaching assistants every quarter (3 quarters); Service on various university committees.
- Served as an editor for a special issue of an academic journal; Organized paper sessions at international conferences; published book chapters and research papers.

Cambridge Centre for Alternative Finance (CCAF), Judge Business School

Co-chair, Cambridge Digital Assets Programme, Emergent Money Systems Working Group, 2022-Present

- Lead and coordinate sessions with regulators (primarily EU, UK, USA) and industry to determine contents of “Stablecoin Dashboard” to complement widely used Cambridge Bitcoin Energy Consumption Index (CBECI).
- Determine current and potential future variables of interest for inclusion.

Research Fellow, 2018-Present

- Co-authored three benchmarking reports as “economist specialist” in global team of lawyers, technologists, programmers, data scientists, regulators, and policy makers; Advised on additional reports and transitioned to co-chair contribution.
- Analyzed extremely confidential industry data requiring follow-up for both clarification and verification of reported values.

Trinity University, San Antonio, Texas

Assistant Professor, Department of Economics, 2012-2018

- Taught 6 undergraduate courses a year with enrollments of up to 8-25 students with no TAs or grading support.
- Funded research sabbatical semester (\$50,000) at the Federal Reserve Bank of Dallas.
- Refereed 2-4 publications for academic journals or government-funded grant science foundation annually.
- Served on various university committees; Completed multiple conference presentations and research publications.

University of Minnesota, Twin Cities, MN

Various Teaching positions, Department of Economics, 2007-2012

- Taught 2-4 undergraduate courses a year, with enrollments of up to 400 students each.
- Supervised and mentored 1-9 part-time teaching assistants, training them in pedagogy and grading.
- Coordinated materials across 8 juniors instructors teaching their own versions of same course to ensure uniformity of experience across classes, while allowing for course personalization and teaching-style experimentation and development.

EDUCATION

- **Ph.D. Economics; M.A. Economics** | University of Minnesota, Twin Cities, MN
- **B.S. Physics; B.A. Economics, Highest Honors** | University of California, Santa Cruz, CA

ACADEMIC PUBLICATIONS ([google scholar profile](#))Journal Articles ([Link](#))

1. “Designing Effective Assessments in Economics Courses: Guiding Principles”, *Journal of Economics Education*, 2023, <https://doi.org/10.1080/00220485.2023.2265941>
2. “Taxing Blockchain Forks” joint with Mattia Landoni, *Stanford Journal of Law and Blockchain Economics*, vol 3, no 2, June 27, 2020. <https://stanford-jblp.pubpub.org/pub/taxing-blockchain-forks/release/1>
3. “Financial Regulations and Price Inconsistencies across Bitcoin Markets” with Sofia Vivanco, *Information Economics and Policy*, June 2017, v.39(C), <https://doi.org/10.1016/j.infoecopol.2017.02.002>

Book Chapters

1. “Digital Currencies and Central Banks”, (Chapter 6), *The Palgrave Handbook of Technological Finance*, October 2021
2. “Private and Hybrid Blockchains and Applications” (Chapter 7), with Sean Stein Smith, *The Emerald Handbook of Blockchain for Business*, 2021, Chapter 6, pp. 83-98

Other Academic Publications, Reviewed Notes

1. “3rd Global Cryptoasset Benchmarking Study” co-authored with A. Blandin, Y. Wu, T. Eisermann, A. Dek, S. Taylor, and Damaris Njoki, Cambridge: University of Cambridge, CCAF, September 2020.
2. “2nd Global Cryptoasset Benchmarking Study” co-authored with M. Rauchs, A. Blandine, K. Klein, M. Recanatini, and B. Zheng Zhang, Cambridge: University of Cambridge, CCAF, December 2018.
3. “Distributed Ledger Technology Systems: A Conceptual Framework” with M. Rauchs, A. Glidden, B. Gordon, M. Recanatini, F. Rostand, K. Vagneur, and B. Zheng Zhang, Cambridge: University of Cambridge, CCAF, August 2018.
4. “The Potential Impact of Decentralized Virtual Currency on Monetary Policy”, *Federal Reserve Bank of Dallas Globalization and Monetary Policy Institute 2016 Annual Research Report*, April 2017, pp. 20-25
5. “Blockchain Technology Disrupting Traditional Records Systems” with C. Koch, *Federal Reserve Bank of Dallas Financial Insight*, July 2017, v.6(2), pp.1-3

Selected Working Papers

1. “Bitcoin Reveals Exchange Rate Manipulation and Detects Capital Controls”
2. “The Evolution of Crypto-Governance Structures”, co-authored with Kevin Werbach, Primavera De Filippi, and Josh Tan

SELECTED ACADEMIC CONFERENCES & RESEARCH SEMINAR PRESENTATIONS

1. “Cryptocurrencies, Stablecoins, and Central Bank Digital Currency” Session Panelist, Southern Economic Association, 2020
2. “How have Cryptocurrency Participants Changed?” American Economic Association (Atlanta Meeting), 2019
3. “How Global is the Cryptocurrency Market?” FRB Atlanta: Workshop on Financial Stability Implications of New Technology, Western Economic Association (Vancouver, Canada), 2019
4. “Bitcoin Reveals Exchange Rate Manipulation and Detects Capital Controls” (various working titles), International Trade and Finance Association (Beijing, China) ▪ American Economic Association (Philadelphia), 2019; Lafayette College ▪ De Nederlandsche Bank (DNB) ▪ Royal Economic Society Conference (University of Sussex, UK) ▪ Hobart and William Smith Colleges 2018; Federal Reserve Bank of Dallas ▪ Midwest Macroeconomics Meeting (Fall, Louisiana State University) ▪ The 49th Money, Macro and Finance Conference (Kings College, London) ▪ Liberal Arts Macroeconomics Workshop (Davidson College) ▪ Western Economic Association (San Diego), 2017
5. “Financial Regulations and Price Inconsistencies across Bitcoin Markets” Midwest Macroeconomics Meeting (Spring, University of Pittsburgh), 2017; Western Economic Association (Portland) ▪ Society for Economic Measurement (MIT) ▪ Eastern Economic Association (Washington D.C.) ▪ International Trade and Finance Association (Occidental College), 2016; Southern Economic Association (New Orleans), 2015

SELECTED PUBLIC SPEAKING & MEDIA (Presentations or Panel Member for a non-academic/policymaker audience)Speaking Engagements: Panels or Selected Presentations

1. DFW Association for Business Economics (online) ▪ R3 CordaDay (New York City), 2023
2. Chicago Financial Forum ▪ Wharton Crypto-Governance Group (online), 2021
3. Chicago Financial Exchange (online), 2020
4. DEconomy (Seoul, South Korea) ▪ Chicago University Blockchain Symposium (Northwestern University), 2019
5. Blockchain & Cryptocurrency Education Sessions at Geekdom (San Antonio) ▪ University of Cambridge, Centre for Alternative Finance Launch of Global Cryptoasset Reports (hosted by CME Group, Chicago) ▪ National Association for Business Economics (NABE) – Dallas Chapter ▪ FinTech DC (IMF, Washington DC), 2018
6. San Antonio Business and Economics Society Luncheon Speaker (SABES), 2017

Television, Radio, or Podcast Interviews

7. BBC: Outside Source, “[The current crash in the crypto markets](#)”, (June 13, 2022)
8. Canadian Broadcasting Corporation (CBC) Tai Asks Why, “[What will money look like in the future?](#)” (April 27, 2022)
9. BBC Business Daily Podcast, [Why does Bitcoin consume so much energy?](#) (February 26, 2021)
10. British Broadcasting Corporation (BBC): The Digital Human, [Oops!](#) (February 24, 2020)
11. WBEZ Chicago - Worldview: [What is Blockchain Technology and Why Should We Care?](#) (July 30, 2018)
12. Texas Public Radio (TPR) The Source, [Cash, Credit, Cryptocurrency: How Do You Choose to Pay?](#) (panel member on a call-in show, January 2, 2018)

13. National Public Radio (NPR) Marketplace: [Why pay a ransom in bitcoin?](#) (May 15, 2017)
14. NPR Marketplace Tech: [The rise of cryptocurrencies](#) (June 22, 2017)
Quoted in Written Pieces
15. BBC News: [Is the USA trying to kill crypto?](#) (June 15, 2023)
16. Global Finance: [Central Bank Digital Currencies at a Crossroads](#) (February 6, 2023)
17. Chicago Tribune: [FTX collapse shakes up Chicago crypto market](#) (December 5, 2022)
18. CoinDesk: [Crypto Goes to College](#) (September 29, 2022)
19. BBC News: [Will the US crack down on cryptocurrency?](#) (March 9, 2022)
20. Cointelegraph Magazine: [Is the cryptocurrency epicenter moving away from East Asia?](#) (August 10, 2021)
21. Cointelegraph: [Terrorists still raise money through crypto, but the impact is limited](#) (April 9, 2021)
22. BBC Science: [How Bitcoin's vast energy use could burst its bubble](#) (February 27, 2021)
23. Nikkei: [Digital currency collaborative research, interviews with American experts](#) (January 22, 2020)
24. CoinDesk Opinion-Piece: [What is a Cryptocurrency? We Need Clearer Definitions](#) (December 31, 2019)
25. The Block: [Mad Crypto: Hypothesizing bitcoin in a downcycle](#) (August 7, 2019)
26. Breaker Mag: [Economists Are Missing a Trick With Crypto](#) (April 15, 2019)

PROFESSIONAL AFFILIATIONS

Committees, Conferences, & Session Organization

- Board Member & Newsletter Editor: Committee on the Status of Women in the Economics Profession, 2023-Present
- Board Member: International Trade and Finance Association (3x2 yr.), 2018-Present
- Research Associate: Globalization and Monetary Policy Institute, Federal Reserve Bank of Dallas, 2017-Present
- Conference Selection Committee: Tokenomics: International Conference on Blockchain Economics, Security, and Protocol, 2023 & 2019
- Conference Selection Committee: 3 x AEA 2024 CSWEP Sessions, 2023
- Associate Fellow (Pedagogy), Chicago Center for Teaching & Learning, 2022-2023
- Conference Selection Committee: The Crypto Asset Lab Conference, 2021
- Conference Selection Committee: International Trade and Finance Association Annual Conference, 2019
- Session Organizer: International Banking Economics & Finance Association Cryptocurrency sessions (x2), 2018

Editor, Referee, Reviewer Service

- Co-Editor: Special Edition of the Eastern Economics Journal: "The Economics of Cryptoassets" 2022
- Referee / Reviewer: British Journal of Management ▪ Computational Economics ▪ Czech Science Foundation ▪ Eastern Economic Journal ▪ Economics Bulletin ▪ Economic Theory ▪ European Accounting Review ▪ European Journal of Finance ▪ Frontiers in Blockchain Research ▪ Global Financial Journal ▪ Information Economics and Policy ▪ International Review of Economics Education ▪ Journal of Economic Insight ▪ Journal of International Economics ▪ Journal of International Money and Finance ▪ Sage Open ▪ Swiss National Science Foundation ▪ Quarterly Review of Economics and Finance

Textbook Reviewer

- Sachs, Jeffery and Gordon McCord, 2009: Principles of Economics and Global Sustainable Development, Addison-Wesley: Boston (Prospectus Review)
- Cowen, Tyler and Alex Tabarrok, 2009: Modern Principles of Economics, Worth Publishers: New York
- Williamson, Stephen, 2009: Macroeconomics, 3rd Edition, Addison-Wesley: Boston (Pre-revision review)

COURSES TAUGHT

- Principles of Microeconomics (No calculus or other pre-requisites)
- Principles of Macroeconomics (No calculus, either no pre-pre-requisite or micro-principles pre-requisite)
- Intermediate Microeconomics (Calculus-based Consumer and Producer Theory, Intro to Game Theory)
- Intermediate Macroeconomics (Calculus-based, DGE + Intro to MATLAB and DYNARE programming)
- Economic Policy Analysis (Calculus and MATLAB-based analysis of fiscal and monetary policy, writing intensive)
- International Trade (No calculus, Micro-principles pre-requisite, writing-intensive)
- International Monetary Systems (No calculus., Macro-principles pre-requisite, writing-intensive)
- Cryptoasset Markets (Financial Mathematics Department, Python/R based)

LINK TO [FULL CV](#)