

GINA C. PIETERS

Mailing Address:

University of Chicago: Department of Economics
1126 East 59th Street
Chicago, IL 60637

Contact Information

Email: pieters.econ@gmail.com
Office: 428 Saieh Hall
Website: www.ginapieters.com
C.V. Version: January 14, 2020

Research Interests: • Cryptocurrencies • Blockchain • International Macroeconomics •
Citizenship: • USA (Citizen) • South Africa (Citizen) • New Zealand (Permanent Resident) •
Languages: • English (Fluent) • Afrikaans (Native) •

Education

Ph.D. Economics. University of Minnesota
B.A. Economics, Highest Honors. University of California, Santa Cruz
B.S. Physics. University of California, Santa Cruz

Current Academic Positions

2019-Present: Assistant Instructional Professor, [University of Chicago](#), Chicago, Illinois
2018-Present: Research Fellow, [Cambridge Centre for Alternative Finance](#), Cambridge, UK
2018-Present: Board of Directors (2 yr), [International Trade and Finance Association](#)
2017-Present: Research Associate, Globalization and Monetary Policy Institute, [Federal Reserve Bank of Dallas](#)

Selected Other Positions

2018-2019: Lecturer, [University of Chicago](#), Chicago, Illinois
2012-2018: Assistant Professor, Department of Economics, [Trinity University](#), San Antonio, Texas
2017-2018: Research Fellow, Centre for Blockchain Technology, [University College London](#)
2016: Visitor, [Federal Reserve Bank of Dallas](#)
2007-2012: Various Teaching positions, Department of Economics, [University of Minnesota](#)
2009-2012: Visitor, [Federal Reserve Bank of Minneapolis](#)

RESEARCH

Papers In Progress

1. "N Countries, N+1 Currencies: A model of the global cryptocurrency trade"
2. "Cross-Country Distribution of Power and Exposure in the Crypto-Market"
3. "Central Banks and Digital Currencies", chapter for *Palgrave Handbook of Alternative Finance* (forthcoming)
4. "Bitcoin Reveals Exchange Rate Manipulation and Detects Capital Controls"
Media Coverage: The Telegraph, Finance Magnates, Bitcoin News, Breaker Mag
5. "Taxing Blockchain Forks", joint with Mattia Landoni

Publications

Standard Peer-Reviewed Academic Journal Articles

1. "Financial Regulations and Price Inconsistencies across Bitcoin Markets" with Sofia Vivanco (undergraduate student), [Information Economics and Policy](#), June 2017, v.39(C)

Other Academic Publications or Notes

1. "2nd Global Cryptoasset Benchmarking Study", with Michel Rauchs, Appolie Blandine, Kristina Klein, Martino Recanatini, and Bryan Zheng Zhang. [Cambridge: University of Cambridge, Cambridge Centre for Alternative Finance](#), December 2018.
Media Coverage: Bloomberg
2. "Distributed Ledger Technology Systems: A Conceptual Framework", with Michel Rauchs, Andrew Glidden, Brian Gordon, Martino Recanatini, François Rostand, Kathryn Vagneur, and Bryan Zheng Zhang. [Cambridge: University of Cambridge, Cambridge Centre for Alternative Finance](#), August 2018.
Media Coverage: The Register, Crowdfund Insider
3. "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

4. "Blockchain Technology Disrupting Traditional Records Systems", with Christoffer Koch, Federal Reserve Bank of Dallas Financial Insight, July 2017, v.6(2), pp.1-3

Academic Conference or Seminar Presentations

- 2020: • American Economic Association (San Diego, discussant only) •
- 2019: • American Economic Association (Atlanta) • Texas State University • Lafayette College •
- 2018: • American Economic Association (Philadelphia) • De Nederlandsche Bank • FRB Atlanta: Workshop on Financial Stability Implications of New Technology • FinTech DC (IMF, Washington DC) • Annual International Trade and Finance Association (Beijing, China) • Royal Economic Society Conference (University of Sussex, UK) • Western Economic Association (Vancouver, Canada) •
- 2017: • Federal Reserve Bank of Dallas • International Trade and Finance Association (Poznan University, Poland) • Liberal Arts Macroeconomics Workshop (Davidson College) • Midwest Macroeconomics Meeting (Spring, University of Pittsburgh) • Midwest Macroeconomics Meeting (Fall, Louisiana State University) • Money, Macro and Finance Conference (Kings College, London) • Society for Economic Measurement (MIT) • Western Economic Association (San Diego) •
- 2016: • Eastern Economic Association (Washington D.C.) • International Trade and Finance Association (Occidental College) • Western Economic Association (Portland) •
- 2015: • Eastern Economic Association (x2 papers) (New York City) • Liberal Arts Macroeconomics Workshop (Union College, discussant only) • Southern Economic Association (New Orleans) •
- 2014: • Association for Public Economic Theory (University of Washington) • Midwest International Economics Group (Indiana University Purdue University at Indianapolis) • Southern Economic Association (Atlanta) (x2 papers) •
- 2011: • 11th Annual Missouri Economics Association and Washington University's Conference (Washington University in St. Louis) •
- 2010: Society for Economic Dynamics (Vancouver) •

Pedagogy Presentations

- 2019: "Formative and Summative Assessment Strategies", University of Chicago Center for Teaching and Learning •
 "Efficient Strategies for Writing Effective Exams", University of Chicago Center for Teaching and Learning

Organizer or Selection Committee Member for Conference/Seminar Sessions

- 2019: Tokenomics: International Conference on Blockchain Economics, Security, and Protocol (Hosted by: Ecole Normale Supérieure) • International Trade and Finance Association Annual conference (Hosted by: Università di Pisa) • DEconomy Panel on Central Bank Digital Currencies
- 2018: International Banking Economics and Finance Association Cryptocurrency sessions (x2) at Western Economic Association meeting (Vancouver, Canada)

Research Honors, Awards, and Recognition

- 2019, April: Ranked #2,430 out of 325,991 authors by 12-month downloads on <https://www.SSRN.com>
- 2019, April: Ranked #173 out of 29,211 economics authors by 12-month downloads on SSRN (top 0.01%)
- 2016, Fall: Awarded Trinity University Junior Faculty Sabbatical Leave
- 2016-Current: Posted paper is top 10 by download within subject category on SSRN (29 times across 7 papers).
- 2014: Invited and funded attendee to Heller-Hurwicz Economics Institute "Developing the Next Generation of Economic Models of Climate Change"
- 2012-2015: R.R. Witt Faculty Fellowship, Trinity University
- 2010, 2011: Travel Grant, Department of Economics, University of Minnesota
- 2009: Second Place, Hardy Third Year Paper Competition for "Learning about Growth", joint with Andy Glover. Department of Economics, University of Minnesota, Minneapolis, MN
- 2009: Graduate Research Partnership Program Fellowship, University of Minnesota
- 2006: Graduate School Fellowship, University of Minnesota, Minneapolis, Minnesota

Professional Development or Workshops

- 2019: Wharton Cryptogovernance Conference, San Francisco
- 2017: Liberty and the War on Cash, sponsored by Liberty Fund, San Antonio.

2015: CeMENT Mentoring for Junior Faculty at Liberal Arts, sponsored and funded by CSWEP (Committee on the Status of Women in the Economics Profession)

TEACHING

Teaching And Advising Experience

- 2019-Present: University of Chicago, Chicago, Illinois (5 courses/year, 40-150 students)
- ◆ Principles of Macroeconomics (Econ 102; No calculus or other pre-requisites)
 - ◆ Intermediate Microeconomics I (Econ 200; Consumer Theory, Calculus-based)
 - ◆ Intermediate Microeconomics II (Econ 201; Producer Theory, Calculus-based)
 - ◆ Intermediate Macroeconomics (Econ 202; General Equilibrium, Calculus-based, MATLAB introduction)
 - ◆ Monetary and Fiscal Policy Analysis (Econ 23950; Monetary and Fiscal Policy, Calculus and MATLAB-based)
 - ◆ Pathways in Economics, Non-calculus (Co-taught, High School Summer Program)
 - ◆ Pathways in Economics, Calculus-based (Co-taught, High School Summer Program)
 - ◆ A Survey of Chicago Economics (Co-taught, Specialized Summer Survey Program)
- 2012-2018: Trinity University, San Antonio, Texas (6 courses/year, 8-35 students, No TA's or Graders)
- ◆ Principles of Microeconomics (No calculus or other pre-requisites)
 - ◆ Principles of Macroeconomics (No calculus, Micro-principles pre-requisite)
 - ◆ International Trade (No calc, Micro-principles pre-requisite, writing-intensive: 15 pg. research paper)
 - ◆ International Monetary Systems (No calc, Micro-principles pre-req, writing-intensive: 15 pg. research paper)
- 2007-2012: University of Minnesota, Minneapolis, Minnesota (3 course/year)
- ◆ Principles of Macroeconomics:
 - 2010-2012, Lead Instructor (Create and maintain uniform material across 8 instructors)
 - 2009-2012, Large Lecture Instructor (150-400 students, 2-9 TA's)
 - ◆ Intermediate Macroeconomics (Calculus-based), Principles of Macroeconomics:
 - 2008-2012, Instructor (15-40 students, 0-1 TA's)
 - ◆ Principles of Microeconomics, Principles of Macroeconomics:
 - 2007-2008, Teaching Assistant (35 students)

Advising Experience

- University of Chicago, Chicago, Illinois
- ◆ Advising MAPSS Economics Masters students (3-6 Masters students/annual, Masters-level thesis required)
 - ◆ Advising Undergraduate Honors Thesis (varies)
- Trinity University, San Antonio, Texas
- ◆ Advising Economics Majors, International Economics or General concentration (4-8 students/semester)
 - ◆ General Advising of Undeclared-major students (1st years until major declaration: 7-10 students/semester)

Invited Topical Guest Speaker to Undergraduate Classes

- 2019: [University of Illinois at Urbana-Champaign](#), Finance 490: Fintech: ▪ [Pitzer College](#), Economics Senior Seminar ▪ [University of Chicago](#), Econ 13000: Money and Banking ▪ [University of Chicago](#), Econ 23040 ▪ [University of Chicago](#) Cryptocurrencies ▪ [University of Chicago](#) MPSC 56600: Intro to Blockchain (MPSC=Masters Program in Computer Science)
- 2018: [University of Chicago](#), Research Experience for Undergraduates (Economics Department)

Teaching Honors and Awards*

- University of Minnesota, Minneapolis, Minnesota
- 2011: Walter W. Heller Outstanding Teaching Award, College of Liberal Arts
 - 2010: Walter W. Heller Outstanding Teaching Award, College of Liberal Arts
 - 2008-12: Distinguished Instructor, awarded 8 times
 - 2008: Distinguished Teaching Assistant

*Not eligible for teaching awards at Trinity University or University of Chicago.

Notable Supervised Undergraduate Research Outcomes:

- 2019: D. Gale Johnson award for undergraduate honors thesis (“A Nation of Makers: Endogenous Innovation in Makerspaces” by Won Woo Kim).
- 2014: 3 x Economics Scholar Program (Presentation and Poster sessions), 1 x Southwest Social Science Association (Presentation)

SERVICE

Referee/Reviewer for

- British Journal of Management ▪ Czech Science Foundation ▪ Eastern Economic Journal ▪ Economic Theory ▪ Frontiers in Blockchain Research ▪ Journal of Economic Insight ▪ Journal of International Economics ▪ Journal of International Money and Finance ▪ Swiss National Science Foundation ▪ Quarterly Review of Economics and Finance

Media

- 2020: ▪ *BBC: The Digital Human*, “Oops!” (Feb 2020) ▪ Nikkei, “Digital currency collaborative research, interviews with American experts” (January 22)
- 2019: ▪ *Breaker Mag*, “Economists Are Missing a Trick With Crypto” (April 15) ▪ *The Block*, “Mad Crypto: Hypothesizing Bitcoin in a Downturn” (August 7) ▪ *Coindesk*, “What is a Cryptocurrency? We Need Clearer Definitions” (December 31)
- 2018: ▪ *Texas Public Radio (TPR) The Source*, “Cash, Credit, Cryptocurrency: How Do You Choose to Pay?” (Jan. 2) ▪ *Scholars’ Circle Radio Show*, “Cryptocurrency, Insights from Scholars” (April 15) ▪ *WBEZ Chicago – Worldview* “What Is Blockchain Technology And Why Should We Care?” (July 30) ▪
- 2017: ▪ *National Public Radio (NPR) Marketplace*: “Why pay a ransom in bitcoin?” (May 15) ▪ *NPR Marketplace Tech*: “The rise of cryptocurrencies” (June 22) ▪ *The Street*: “How Fidelity is Normalizing Bitcoin” (Aug. 10) ▪ *Experian* “What is Bitcoin and Should You Buy It?” (September 12) ▪
- 2014: ▪ *Trinity Alumni Magazine* “Bitcoin: Should You or Shouldn’t You?” (January) ▪

Presentations/Panels to a non-academic audience

- 2019: ▪ DEconomy (Seoul, South Korea) ▪ Chicago University Blockchain Symposium (Northwestern University) ▪
- 2018: ▪ Blockchain & Cryptocurrency Education Sessions at Geekdom ▪ 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 ▪ San Antonio A&M Club ▪
- 2017: ▪ San Antonio Business and Economics Society Luncheon Speaker (SABES) ▪
- 2015: ▪ Faculty Research Presentation for Delta Sigma Pi Fraternity (Trinity University) ▪

University of Chicago Service (2018-Present)

- 2019-2020: ▪ Faculty Advisor: Undergraduate Women in Economics RSO ▪ Presenter: Fall Family Weekend: Model Class “Cryptocurrencies and Blockchain” ▪ Discussant: Aims of Education ▪ Reviewer: MAPSS-Econ applications (36 applicants) ▪ Organizer: Hiring of all department TAs (140)
- 2018-2019: ▪ Lecturer Recruitment (Economics Dept.) ▪ Reviewer: MAPSS-Econ applications (36 applicants) ▪ Organizer: Summer Teaching ▪ Judge: Oeconomica Metrics Game

Other Service

- 2019-2020: Mentor: CSWEP Breakfast for Early Career Economists ▪ Undergraduate Research Mentor: Research in Color
- 2018-2019: Mentor: CSWEP Breakfast for Early Career Economists

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)