

## GINA C. PIETERS

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### Education

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

**Research Interests:** • Cryptocurrencies • International Trade and Macroeconomics • Pedagogy in Economics

### Current Academic Positions

2018-Present: Assistant Instructional Professor, [The University of Chicago](http://www.uchicago.edu), Chicago, Illinois

### Selected Other Positions

2018-Present: Research Fellow, [Cambridge Centre for Alternative Finance](http://www.cambridge.org/9780521875886), Cambridge, UK  
2017-Present: Research Associate, Globalization and Monetary Policy Institute, [Federal Reserve Bank of Dallas](http://www.frb.org)  
2018-2020: Board of Directors (2 yr), [International Trade and Finance Association](http://www.ifta.org)  
2012-2018: Assistant Professor, Department of Economics, [Trinity University](http://www.trinity.edu), San Antonio, Texas  
2007-2012: Various Teaching positions, Department of Economics, [University of Minnesota](http://www.umn.edu)

## TEACHING

### Instructor of Record Teaching Experience

2019-Present: [The University of Chicago](http://www.uchicago.edu), Chicago, Illinois (5 courses/year, 40-150 students)

1. Principles of Macroeconomics (Econ 10200; No calculus or other pre-requisites)
2. International Monetary Policy (Econ 17110; Only pre-requisite: Principles of Macro, writing-intensive)
3. The Elements of Economic Analysis I (Econ 20000; Calc-based Consumer Theory Intermediate Micro)
4. The Elements of Economic Analysis II (Econ 20100; Calc-based Producer Theory Intermediate Micro)
5. The Elements of Economic Analysis III (Econ 20200; Calc-based Intermediate Macro, MATLAB)
6. Monetary and Fiscal Policy Analysis (Econ 23950; Calculus and MATLAB-based)
7. Cryptoasset Markets (Financial Mathematics, FINM 31000; Summer Seminar series)
8. Pathways in Economics, Non-calculus (Co-taught, High School Summer Program)
9. Pathways in Economics, Calculus-based (Co-taught, High School Summer Program)
10. A Survey of Chicago Economics (Co-taught, Specialized Summer Survey Program)

2012-2018: [Trinity University](http://www.trinity.edu), San Antonio, Texas (6 courses/year, 8-35 students, No TAs or Graders)

1. Principles of Microeconomics (No calculus or other pre-requisites)
2. Principles of Macroeconomics (No calculus, Micro-principles pre-requisite)
3. International Trade (No calc, Micro-principles pre-requisite, writing-intensive: 15 pg. research paper)
4. International Monetary Systems (No calc., Micro-principles pre-requisite, writing-intensive: 15 pg.)

2007-2012: [University of Minnesota](http://www.umn.edu), Minneapolis, Minnesota (3 courses/year)

1. Principles of Macroeconomics:
  - 2010-2012, Lead Instructor (Created and maintained uniform curriculum across 8 instructors)
  - 2009-2012, Large Lecture Instructor (150-400 students, 2-9 TAs)
2. Intermediate Macroeconomics (Calculus-based), Principles of Macroeconomics:
  - 2008-2012, Instructor (15-40 students, 0-1 TAs)

**Advising Experience**

- 2018-Present: ▪ University of Chicago: ▪ Advising MAPSS Economics Masters students (3-6 Masters students/annual, Masters-level thesis required. Placements include UCLA, NYU, and HKU Econ PhD programs. ▪ Advising Undergraduate Honors Thesis (varies)
- 2019-2020: ▪ Research in Color Foundation: Undergraduate research mentor for underrepresented students in Economics (1 student, research poster presentation required)
- 2012-2018: ▪ Trinity University: Advising undergraduate International Economics or General Economics majors (4-8 students/semester) ▪ General Advising of Undeclared-major students (1<sup>st</sup> years until major declaration: 7-10 students/semester)

**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: 3x acceptance Economics Scholar Program (Presentation and Poster sessions), 1x Southwest Social Science Association (Presentation)

**Invited Topical Guest Speaker in Classes**

- 2020: ▪ The University of Chicago, LAWS 42505: Blockchain and Cryptocurrencies ▪ The University of Chicago, Econ 13000: Money and Banking ▪ Pitzer College, Economics Senior Seminar
- 2019: ▪ University of Illinois at Urbana-Champaign, Finance 490: Fintech: ▪ Pitzer College, Economics Senior Seminar ▪ The University of Chicago, Econ 13000: Money and Banking ▪ The University of Chicago, Econ 23040 ▪ The University of Chicago, Cryptocurrencies ▪ The University of Chicago, MPSC 56600: Intro to Blockchain (MPSC=MA Program in Computer Science)
- 2018: ▪ The 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
- 2008-2012: Distinguished Instructor, awarded 8 times
- 2008: Distinguished Teaching Assistant

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

**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)

**RESEARCH IN PEDAGOGY (GENERAL) OR TEACHING IN ECONOMICS****Academic Conference or Seminar Presentations** (self or co-author presentation)

- 2022: ▪ “Actively Selecting Assessment Techniques: Asking the Why”, American Economics Association (Boston) (*scheduled*)
- 2021: ▪ Inspiring Ideas” (session chair, *scheduled*), TeachECONference 2021 ▪ “Trends in Non-Tenure Track Positions within USA Economics Departments” ▪ Southern Economic Conference (Houston, *scheduled*) ▪ “Social Media Broadens Reach: Our Responsibilities in an Open Classroom”, AEA Conference on Teaching and Research in Economic Education (CTREE, *scheduled*) ▪ “Exploratory Teaching Groups Colloquium”, The University of Chicago Center for Teaching and Learning (*scheduled*) ▪ “Changes in US Academic Economics Departments”, Robert Morris University 32<sup>nd</sup> Annual Teaching Economics Conference

- 2020: • “Social Media Broadens Reach: Our Responsibilities in an Open Classroom”, AEA Conference on Teaching and Research in Economic Education (CTREE, *cancelled*) • “Changes in USA Academic Teaching Markets”, Troy University Teaching Symposium in Economics (*cancelled*)
- 2019: • “Formative and Summative Assessment Strategies”, [The University of Chicago Center for Teaching and Learning](#) • “Efficient Strategies for Writing Effective Exams”, [The University of Chicago Center for Teaching and Learning](#)

## OTHER RESEARCH

### Papers In Progress

1. “Bitcoin Reveals Exchange Rate Manipulation and Detects Capital Controls”  
*Media Coverage: The Telegraph, Finance Magnates, Bitcoin News, Breaker Mag*

### Publications

#### Peer-Reviewed Academic Journal Articles

1. “Taxing Blockchain Forks” joint with Mattia Landoni, *Stanford Journal of Law and Blockchain Economics*, June 27, 2020
2. “Financial Regulations and Price Inconsistencies across Bitcoin Markets” with Sofia Vivanco (undergraduate student), *Information Economics and Policy*, June 2017, v.39(C)

#### Book Chapters

1. “Digital Currencies and Central Banks”, (Chapter 6), [The Palgrave Handbook of Technological Finance](#), *forthcoming*
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. “3<sup>rd</sup> Global Cryptoasset Benchmarking Study”, co-authored with A. Blandin, Y. Wu, T. Eisermann, A. Dek, S. Taylor, and Damaris Njoki. *Cambridge: University of Cambridge, Cambridge Centre for Alternative Finance*, September 2020.
2. “2<sup>nd</sup> Global Cryptoasset Benchmarking Study”, co-authored with Michel Rauchs, Appoline Blandine, Kristina Klein, Martino Recanatini, and Bryan Zheng Zhang, *Cambridge: University of Cambridge, Cambridge Centre for Alternative Finance*, December 2018.  
*Media Coverage: Bloomberg*
3. “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*
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 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) • Southern Economic Association (Online)
- 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) •

#### **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**

- 2016: Awarded Trinity University Junior Faculty Sabbatical Leave
- 2014: Invited and funded attendee to Heller-Hurwicz Economics Institute's, "Developing the Next Generation of Economic Models of Climate Change"
- 2012-15: R.R. Witt Faculty Fellowship, Trinity University
- 2010,11: 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
- 2009: Graduate Research Partnership Program Fellowship, University of Minnesota
- 2006: Graduate School Fellowship, University of Minnesota

### SERVICE TO THE UNIVERSITY

#### The University of Chicago

- 2020-2021: • Faculty Advisor: Undergraduate Women in Economics RSO • Feedback: MAPSS MA Thesis proposal presentations • Grader: Undergraduate Economics Placement Exam • Judge: Oeconomica Metrics Game • Letters of Recommendation, (14 students, some with multiple letters) • Mentor: Professional Development Lunch for Female PhD Students, Post Docs, Senior Research Associates and Faculty • Organizer: Oversaw all undergraduate department TA and Grader hiring • Preceptor-Advisor: MAPSS-ECON MA students (5 advisees) • Reviewer: MAPSS-Econ applications (41 applications) • Thesis 2<sup>nd</sup> Reader: MAPSS Econ MA Thesis (2 papers)
- 2019-2020: • Committee Member: Macroeconomics Curriculum Review • Contributor: Online-teaching methods and materials documents for UChicago Economics department • Faculty Advisor: Undergraduate Women in Economics RSO • Grader: Undergraduate Economics Placement Exam • Feedback: Mock Presentation of UChicago Fed Challenge Team • Feedback: MAPSS MA Thesis proposal presentations • Interviewer, on-campus: Economics Lecturer, Rank 3 (4 candidates) • Judge: Oeconomica Metrics Game (*cancelled*) • Letters of Recommendation, (13 students, some with multiple letters) • Mentor: Professional Development Lunch for Female PhD Students, Post Docs, Senior Research Associates and Faculty • Organizer: Created and implemented a method for all department TA and Grader hiring Preceptor-

Advisor: MAPSS-ECON MA students (4 advisees) • Presenter: Fall Family Weekend: Model Class “Cryptocurrencies and Blockchain” • Post-address colloquium: AIMS of Education • Reviewer: MAPSS-Econ applications (23 applicants) • Thesis 2<sup>nd</sup> Reader: MAPSS Econ MA Thesis (5 papers) • Training: How to use Gradescope for online assignments

2018-2019: • Examiner: Undergraduate Economics Placement Exam • Feedback: Mock Presentation of UChicago Fed Challenge Team • Feedback: MAPSS MA Thesis proposal presentations • Interviewer, first round: Lecturer Recruitment (Economics Dept.) • Interviewer, on-campus round: Lecturer Recruitment (Economics Dept.) • Judge: Oeconomica Metrics Game (first round) • Letters of Recommendation, (3 students, some with multiple letters) • Organizer: Summer Teaching Schedule • Preceptor-Advisor: MAPSS-ECON MA students (6 advisees) • Reviewer: MAPSS-Econ applications (36 applicants) • Thesis 2<sup>nd</sup> Reader: MAPSS Econ MA Thesis (5 papers)

#### Trinity University (selected)

• Founder and Organizer of Trinity University Junior Faculty Research Workshop • Junior Faculty Recruitment (Economics Dept.) • Lecturers & Visiting Scholars Committee • Department Representative for various events

### SERVICE TO THE DISCIPLINE

#### Professional Service

2019-2020: • Presenter: The University of Chicago College Day Lecture for Chicago Public High School “Bridge to College” program (Topic: Solow Growth Model) • Mentor: CSWEP Breakfast for Early Career Economists • 2018-2019: • Mentor: CSWEP Breakfast for Early Career Economists

#### Referee/Reviewer Service

• British Journal of Management • Czech Science Foundation • Eastern Economic Journal • Economics Bulletin • Economic Theory • European Journal of Finance • Frontiers in Blockchain Research • Global Financial Journal • Information Economics and Policy • 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

### PUBLIC SERVICE

#### Media

2021: • Cointelegraph “Terrorists still raise money through crypto, but the impact is limited” (9 April) • BBC Science “How Bitcoin’s vast energy use could burst its bubble” (27 February) • BBC Business Daily Podcast “Why does Bitcoin consume so much energy?” (Feb 26) • *Made in Tech* (Feb 12)

2020: • *The Block*, “Negative Interest Rates Have Arrived in the U.S. Stablecoin Issuers Say They’ll Maintain 1:1 Parity with the Dollar” (April, 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, op-ed contribution)

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 or Panel Member for a non-academic/policymaker audience

2020: ▪ Chicago Financial Exchange (online)

2019: ▪ DEconomy (Seoul, South Korea) ▪ Chicago University Blockchain Symposium ([Northwestern University](#)) ▪

2018: ▪ 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 ▪ [San Antonio Texas A&M Club](#) ▪

2017: ▪ San Antonio Business and Economics Society Luncheon Speaker (SABES)