

HUNTER MONROE

EMPLOYMENT

International Monetary Fund

2001-2024

EXTERNAL EXPERT, Monetary and Capital Markets Department (2022-24). Led technical assistance missions supporting a medium-sized country's central bank explore issuing Central Bank Digital Currency.

SENIOR ECONOMIST, STRATEGY UNIT, Monetary and Capital Markets Department front office (2018-2021). Managed the work program on Fintech, including machine learning and data science. Prepared the monthly Fintech Update, circulated widely among IMF staff and global financial officials. Developed and implemented the MCM Knowledge Management Strategy.

SENIOR ECONOMIST, TECHNICAL ASSISTANCE DIVISION, MCM (2012-18). Coordinated MCM technical assistance for a portfolio of 16 geographically diverse countries, including MCM's biggest TA recipient. Hired and managed eight resident experts. Led teams producing the MCM TA Annual Report. Led work developing Financial Sector Stability Reviews as a new TA instrument, raising \$25 million from donor countries for a trust fund and leading three of the first six missions. Led MCM staff to create a complete database of MCM TA reports and implemented systems and procedures to keep this current. Joined teams that won Fund-wide challenges on a Capacity Development Knowledge Portal and on Build Your Own Training Course. Led the MCM pilot of the Fund's new document management system.

SENIOR ECONOMIST, CARIBBEAN I and II DIVISIONS, WESTERN HEMISPHERE DEPARTMENT (2006-12). Led Article IV missions to several Caribbean jurisdictions, with an emphasis on financial and fiscal weaknesses and potential spillovers within the currency union. Examined region-wide Ponzi schemes, the regional insurance crisis, offshore financial centers, global natural gas markets, migration, pension fund reform, and Trinidad's sovereign wealth fund.

RESIDENT REPRESENTATIVE, HONDURAS, WHD (2005-06). Worked with Honduran authorities on program implementation and US\$1.1 billion debt relief.

SENIOR ECONOMIST, CENTRAL AMERICAN DIVISION, WHD (2003-05). Led advance teams to Guatemala; examined impact of remittances.

ECONOMIST, COORDINATION AND STANDARDS DIVISION, POLICY DEVELOPMENT AND REVIEW DEPARTMENT (2001-03). Worked on the review of the IMF's Transparency Policy; and participated in country teams delivering US\$2.4 billion debt relief to Zambia and Bolivia.

- University of Maryland** 2024
ADJUNCT PROFESSOR. Taught macroeconomics to master's students.
- Marymount University** 2024
ADJUNCT PROFESSOR. Taught Economics for Managers to MBA students.
- George Washington University** 2013-15
ADJUNCT PROFESSOR. Led graduate seminars on the economics of fracking.
- ValueSpeed, Inc.** 1999-2001
FOUNDER AND CEO. Created a browser add-on that alerted online shoppers to better deals at other web sites. Raised two rounds of angel financing.
- International Monetary Fund** 1994-1999
ECONOMIST, CAPITAL ACCOUNT ISSUES DIVISION, PDR (1999). Analyzed bond restructurings in Ukraine, Pakistan, and Ecuador.
RESIDENT REPRESENTATIVE, GEORGIA (1996-99). Advised the authorities during the 1998 exchange rate crisis. Created the first Res Rep web page.
ECONOMIST PROGRAM (1994-96). Participated in missions negotiating programs with Slovakia and Georgia. Led the EU II Technology Initiative, which introduced the Fund's first document management system and Intranet web page and introduced Adobe Acrobat for the first time. Posted the first Board documents on www.imf.org.
- Peterson Institute for International Economics** 1990-1991
RESEARCH ASSOCIATE. Assisted in writing the book *Narrowing the U.S. Current Account Deficit*.
- Joint Economic Committee of Congress** 1987-1990
ECONOMIST. Prepared hearings and analyses on European integration. Spoke at Paul Volcker's Princeton seminar; term member Council on Foreign Relations.
- Stanford University in Washington Program** 1989-1991
ADJUNCT PROFESSOR. Taught macroeconomics to Stanford undergraduates.

EDUCATION

D.Phil. Economics, Oxford University (Rhodes Scholar) 1984-1987, 1991-1994

B.S. Mathematics, Davidson College (Stuart Scholar) 1980-1984

RESEARCH AND PRESENTATIONS

- [Ruling Out Short Proofs of Unprovable Sentences is Hard](#), Electronic Colloquium on Computational Complexity, TR23-047, 2023.
- [Average-Case Hardness of Proving Tautologies and Theorems](#), Electronic Colloquium on Computational Complexity, TR22-076, 2022.
- “Isomorphisms Between Impossible and Hard Tasks” (2023), arXiv:2301.04789.
- [“A Survey of Research on Retail Central Bank Digital Currency”](#), IMF Working Paper, 2020.
- [“The Internet of Trust”](#), Finance and Development, 2016.
- “Informing Financial Sector Stability Reviews—The Case of El Salvador”. Fund-wide presentation at MCM TA Forum, 2016.
- “The Role of the International Community and the IMF”. Presentation at the September 2012 High-Level Caribbean Conference.
- “Macroeconomic Management in Resource-Rich Economies: The Case of Trinidad and Tobago.” University of the West Indies Conference.
- “Upheaval in Global Natural Gas Markets”. Seminar Presentation, April 2012.
- “Heritage and Stabilization Fund: Key Issues for the 2012 Review”. Trinidad and Tobago Selected Issues Paper (SIP).
- “The Collapse of the CL Financial Group”, Trinidad and Tobago SIP 2010.
- “Offshore Financial Centers” and “Insurance Sector” in the ECCU Handbook.
- “Perils of Ponzis”, *Finance and Development* March 2010 cover article. “Ponzi Schemes in the Caribbean”, IMF WP/09/95.
- “Can the ECCU Afford to Grow Old?”, IMF WP/09/38.
- “Can Markets Compute Equilibria?”, IMF WP/09/24. Top ten download, microeconomics and general equilibrium category, from SSRN web site.
- “Emigration, Brain Drain, and Remittance Flows in the Caribbean”. Presentation to the Organization of American States. “Remittances to Latin America and the Caribbean” (2008). Inter-American Dialogue Conference Report.
- “Business Environment and Foreign Direct Investment”, Georgia SIP 1998.
- *Narrowing the U.S. Current Account Deficit*, Institute for International Economics, 1992.
- “Speedup for Natural Problems and Noncomputability” (2011) *Theoretical Computer Science*. “Are There Natural Problems with Speedup?” (2008). *Bulletin of the European Association for Theoretical Computer Science*.

Skills: Python (TensorFlow, PyTorch, Pandas, etc), R