

CONTACT INFORMATION	International Monetary Fund 700 19th St NW DC 20431, United States	E-mail: <a href="mailto:YRollinson@imf.org">YRollinson@imf.org</a> Web: <a href="https://github.com/EconMonicaGR">EconMonicaGR.github.io</a> LinkedIn: <a href="https://www.linkedin.com/in/monicagao">// monicagao</a>
EDUCATION	<b>University of Washington</b> Ph.D. in Economics <b>University of Tennessee, Knoxville</b> M.S. in Agricultural Economics, Minor in Statistics <b>Huazhong University of Science &amp; Technology</b> B.S. in International Economics & Trade	Seattle, WA 2021 Knoxville, TN 2011 Wuhan, China 2009
FIELDS	<b>International Macroeconomics, Macro-Finance, Applied Time Series</b>	
WORK EXPERIENCE	<b>International Monetary Fund (IMF)</b> Economist Program <ul style="list-style-type: none"> <li>• First rotation (Central Bank Operations Division, MCM): Co-developed a forward-looking model to stress test central bank balance sheets (Python-based). Applied the model to assess the medium- to long-term balance sheet resilience of the Central Bank of Bosnia and Herzegovina, the Reserve Bank of Australia, and the Central Bank of Sri Lanka. Conducted analysis on systemic liquidity management and bank liquidity stress test for the Botswana 2023 FSAP (Financial Sector Assessment Program).</li> <li>• Second rotation (Saudi Arabia team, MCD): Contributed to issues related to the real and oil sectors, as well as analysis on the economic impact of digitalization.</li> </ul>	Washington, D.C. 9/2021–present
	Summer Intern (Monetary and Capital Markets Department) <ul style="list-style-type: none"> <li>• Co-authored a working paper to examine the role of macroprudential policy in addressing the effects of external shocks on financial stability.</li> </ul>	6/2018–9/2018
	Research Analyst (Strategy, Policy, and Review Department) <ul style="list-style-type: none"> <li>• Researched emerging markets’ issues in reserve adequacy, growth convergence, capital flows, financial markets development, and monetary policy.</li> </ul>	12/2012–8/2015
	<b>International Food Policy Research Institute (IFPRI)</b> Senior Research Assistant (Market, Trade, and Institutions Division) <ul style="list-style-type: none"> <li>• Conducted quantitative analysis on trade liberalization, biofuels, and economic growth in Africa.</li> </ul>	Washington, D.C. 9/2011–11/2012
RESEARCH	<b>Publication</b> <a href="#">The Accuracy of IMF Crises Nowcasts.</a> (2022) <i>International Journal of Forecasting</i> (with <i>Theo Eicher</i> )  <a href="#">Exchange Rates and Domestic Credit – Can Macroprudential Policy Reduce the Link?</a> (2023) Chapter 12 in book “Shocks and Capital Flows Policy Responses in a Volatile World” (with <i>E. Nier and T. Olafsson</i> )	

## Working and Policy Paper

[Assessing the Resilience of the Currency Board.](#) (2022)

Bosnia and Herzegovina 2022 Article IV Consultation, Annex V (with C. Fernandes)

[The State of Emerging Markets: A New Perspective on Clusters and Taxonomies.](#) (2015)

IMF Working Paper No. 15/155 (with Z. Zhang)

[Rethinking Financial Deepening: Stability and Growth in Emerging Markets.](#) (2015)

IMF Staff Discussion Note 15/08 (with R. Sahay, M. Cihak, P. N'Diaye, A. Barajas, R. Bi, D. Ayala, A. Kyobe, L. Nguyen, C. Saborowski, K. Svirydzenka, and S.R. Yousefi)

[Emerging Markets in Transition: Growth Prospects and Challenges.](#) (2014)

IMF Staff Discussion Note 14/6 (with L. Cubeddu, A. Culiuc, G. Fayad, K. Kochhar, A. Kyobe, C. Oner, R. Perrelli, S. Sanya, E. Tsounta, Z. Zhang, et al.)

[Assessing Reserve Adequacy – Further Considerations.](#) (2013)

IMF Policy Paper (with N. Porter, S. DAS, P. De Imus, G. Fayad, S. Hara, A. Khachatryan, K. Moriyama, N. Mwase, R. Perrelli, P. Sharma, et al.)

## Work in Progress

Stress Testing Central Bank Balance Sheets

(with R. Lafarguette, D. King, C. Fernandes, Y.Sakurai, R. Wytenburg)

From Sand to Silicon: Digital Transformation in the GCC Economies

(with F. Fareed, R. Bi, J.D. Lee, S. Rehman, T. Yuan)

COUNTRY	<b>Saudi Arabia</b> (May 2023, Dec 2023)
MISSION AND CONTRIBUTION	<ul style="list-style-type: none"><li>• Article IV Consultation: real and oil sector issues, digital transformation</li><li>• FSAP: systemic liquidity management and macro-financial issues</li></ul> <b>Botswana</b> (Oct 2022, Jan 2023) <ul style="list-style-type: none"><li>• FSAP: systemic liquidity management and bank liquidity stress test</li></ul> <b>Sri Lanka</b> (Dec 2022) <ul style="list-style-type: none"><li>• Technical assistance to the central bank: balance sheet risk modeling</li></ul> <b>Bosnia and Herzegovina</b> (June 2022) <ul style="list-style-type: none"><li>• Technical assistance to the central bank: balance sheet risk modeling and communication strategy</li></ul>
HONORS	Graduate Teach Assistant Scholarship, University of Washington 2015 – 2021 Outstanding Master’s Thesis Award, Southern Agricultural Economics Association 2012 Graduate Research Assistant Scholarship, University of Tennessee 2009 – 2011 Intern of Season Award, AIESEC Lodz, Poland 2007 Outstanding Student Leadership Scholarship, Huazhong University of Sci & Tech 2006
SKILLS	Programming: Python, Stata, R, L <sup>A</sup> T <sub>E</sub> X, Matlab, EViews, Gauss, GAMS Other: Tableau, Bloomberg, Datastream, ArcGIS Language: Chinese (native), English (full professional)
OTHER INFORMATION	<ul style="list-style-type: none"><li>• Nationality of Chinese</li><li>• Permanent resident of United States</li></ul>