

## PROPOSAL: "QUANTITATIVE TRADE."

Lorenzo Caliendo, Assistant Professor of Economics, School of Management  
([lorenzo.caliendo@yale.edu](mailto:lorenzo.caliendo@yale.edu)) <https://sites.google.com/site/lorenzocaliendo/>

### Summer Research Opportunities in Economics

This research opportunity is designed for mathematically oriented students. In particular, students should have knowledge of stochastic processes, solutions to nonlinear differential equations, QFT, and advanced Matlab programming skills. The research project explores the use of quantitative mathematical tools to advance knowledge in macroeconomics and international trade. During the process of the research the student will learn several economics models and help develop new models for quantitative analysis. This is an ideal project for someone looking to get exposure to high level research in quantitative trade theory.