

PERSONAL INFORMATION

Birth	August 1, 2000	Phone number	+56 9 77494399
Email	hkarnani@fen.uchile.cl	Nationality	Chilean

Research Interests: Macroeconomics, Financial Economics, International Economics.

EDUCATION

University of Chile <i>MSc. in Economics</i>	2023 - 2024 (Expected)
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- First semester finished with highest honors.
- Courses (so far): Math Camp, Microeconomic Theory, Macroeconomics and Econometric Theory.

Univesity of Chile <i>Bachelor in Economics, maximum distinction</i>	2019 - 2023
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- Honors board (top 1% of the class). Ranking: 3/XXX
- Courses on Calculus, Linear Algebra, Econometrics (x2), Statistics (x2). Elective courses on International Economics, coding in R and Stata.

RESEARCH EXPERIENCE

Research Assistant	Aug. 2021 -
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- Claudio Raddatz (U. de Chile)
Currently working on a report about household over-indebthness. Worked on a paper that estimates a Financial Conditions Index for Chile.
- Jorge Miranda-Pinto (The University of Queensland & IMF)
Worked on a paper that proposes a new reduced-form estimator that recovers unobserved networks and uses them to decompose individual from aggregate shocks.
- Alejandro Bernales (U. de Chile) & Paula Margaretic (U. Adolfo Ibañez)
Worked on a paper about transmission and spillovers of shocks between countries through an informational channel. [Link to paper.](#)

Central Bank of Chile <i>Intern - Economic Research Department</i>	Mar. 2022 - Jul. 2022
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- Research Assistant to Jorge Miranda-Pinto. Helped in the R&R process of a paper that estimates and explains theoretically and empirically the response of interest rates to fiscal stimulus, finding heterogeneity mainly explained by the level of inequality of each country. Published at the EER. [Link to paper.](#)

Moneda Asset Management <i>Intern - Economics, Markets and Strategy Area</i>	Dec. 2021 - Feb. 2022
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WORK IN PROGRESS

“Navigating the Information Landscape: Explaining Stock Correlation through Informational Links” (with A. Bernales, O. Kolokolova, P. Margaretic).

In this paper we explore how excessive stock correlation can be partially explained by informational linkages. We develop a simple model where agents overweight the precision of new information towards common factors due to their limited attention capability. This induces correlated errors in agents' beliefs. We call this the informational channel and propose a novel measure for informational linkages between firms based on analysts forecast errors, we estimate how relevant it is with a Spatial-Two-Stage-Least-Square (S2SLS). We find that the informational channel is statistically significant, positive and varies (i) during crises, (ii) if the firm has been on the S&P 500, (iii) if firms are in the same industry, (iv) if they are geographically nearby.

TEACHING EXPERIENCE

FEN, University of Chile

Mar. 2020 -

Teaching Assistant

- Time-Series Econometrics; Trade and Growth Theory; Monetary Economics; Macroeconomics I; Intro. to Macroeconomics; Capital Markets and Derivative Assets (x2); Intro. to Finance (x4); Statistics II.

SERVICE

CreeME

May. 2021 - Mar. 2022

- Social organization that trains micro-entrepreneurs on basic knowledge for their business.

Tasks: In charge of the finance area. Record money movements, develop budgets, research on funding.

PERSONAL SKILLS

Languages

Spanish (native), English (advanced).

Software

R, Stata, Matlab, Python (basic), L^AT_EX, Microsoft Office.