

Garyn Tan

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PROFILE SUMMARY

PhD candidate in Economics specialising in applied microeconometrics and causal inference, with a background in clinical pharmacy. Experienced in analysing large-scale administrative health and labor datasets using quasi-experimental methods. Passionate about using data and real-world evidence to generate actionable insights that improve healthcare outcomes and policy decisions.

ACADEMIC SUPERVISORS

Professor David Dorn

Phone: +41 44 634 5577

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Professor Ana Costa-Ramón

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Professor Josef Zweimüller

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Professor Ulf Zölitz

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EDUCATION

Ph.D. Economics

University of Zurich (UZH), Zurich

August 2020 - Present

Visiting Ph.D. Student

University of Melbourne, Melbourne

February 2025 - June 2025

Hosts: Nicolas Salamanca, Alexandra de Gendre

M.Sc. Economics (specialisation: Monetary Policy and Banking)

University of Amsterdam, Amsterdam

September 2018 - August 2019

GPA: 9.4/10, *Cum Laude*

Thesis supervisor: Aerdt Houben

Graduate Diploma Economics

Australian National University, Canberra

February 2017 - May 2018

GPA: 6.88/7

B.A. Pharmacy

Monash University, Melbourne

February 2008 - December 2011

with Honours

CURRENT RESEARCH

The labour market effects of insurance for disability supports (sole author) [[link](#)]

Best PhD Paper Award 2025 (Swiss Society of Health Economics PhD Workshop, 2025)

In contrast to most studies on income replacement schemes for people with disabilities, this paper finds that funding for disability supports can lead to positive effects on labour market outcomes. Using large-scale, confidential administrative data, I leverage a staggered difference-in-differences design around the national roll-out of the National Disability Insurance Scheme (NDIS) in Australia, and find that the reform on average increased total annual earnings by 15.7% and employment by 10.6% of the pre-treatment outcome in the four years following exposure.

Youth mental health and outcomes in adulthood

with Ida Lykke Kristiansen

Using linked Danish administrative data on prescriptions, health services utilisation and economic participation, we leverage the introduction of the first antidepressant approved for depression in children to study the effects of antidepressant treatment on economic and health outcomes in adulthood.

The wage cyclicality of new hires from unemployment

with Josef Zweimüller and Andreas Mueller

Using an Austrian administrative data from 1976 to 2019, we investigate the wage cyclicality of new hires. We find robust evidence of cyclicality of wages of new hires from unemployment and job-to-job transitions. In the latter case, the cyclicality can be entirely explained by switching to higher- or lower- paying industries, however we document that substantial cyclicality remains in new hires from unemployment who do not switch industries.

PUBLICATIONS AND WORKING PAPERS

Individual inflation forecasts and monetary policy announcements [\[link\]](#)

with Jakob de Haan and Kostas Mavromatis (Economics Letters)

Using a decomposition of US monetary policy shocks and professional inflation forecasts, we find that information and monetary policy shocks move inflation expectations in opposite directions. Better performing forecasters appear less reliant on the informational content of announcements.

Beyond the zero lower bound: negative policy rates and bank lending (M.Sc. thesis) [\[link\]](#)

DNB Working Paper, De Nederlandsche Bank

I use bank-level data from the ECB to show that, contrary to some earlier research, banks most affected by negative rates due to the zero lower bound on retail deposit rates increase their lending relative to less affected banks.

Featured in: University of Oxford Business Law Blog [\[link\]](#), ECB internal memo

Improving Uptake and Sustainability of Sanitation Interventions in Timor-Leste: A Case Study [\[link\]](#)

with Naomi Clarke; Clare Dyer; Salvador Amara; and Susana Vaz Nery (International Journal of Environmental Research and Public Health)

We utilise a mixed-methods approach to examine sanitation interventions in Timor-Leste.

PROFESSIONAL EXPERIENCE

Economist Intern

Organisation for Economic Co-operation and Development (OECD)

July 2025 - November 2025

- Provide economic analysis and input towards the OECD Employment Outlook 2026
- Support data integration and harmonisation of large-scale administrative datasets and provide cross-country analysis of income trajectories and labor market outcomes

Research/Teaching Assistant

University of Zurich

December 2021 - December 2024

- Teaching assistant in Health Economics with Professor Ana Costa-Ramón
- Research assistant in Labour and Macroeconomics for Professor Josef Zweimüller

Junior Economist/Statistical Officer

De Nederlandsche Bank - Research Department, Amsterdam, Netherlands
October 2019 - September 2020

- Research primarily covered unconventional monetary policy and inflation dynamics (publicly available publications listed above)
- Other projects included: the frequency of producer price adjustments and the impact of containment measures on the spread of COVID-19

Research Intern

De Nederlandsche Bank - Monetary Policy Department, Amsterdam, Netherlands
March 2019 - October 2019

- Completed M.Sc. thesis, which was presented at the DNB research seminar. The paper was subsequently circulated within DNB policy groups and the ECB
- Published two policy memos for the President of the DNB, about 1) the impact of negative rates on bank lending behavior; and 2) the experience of other countries with negative policy rates

Junior Economist

Australian Department of Jobs and Small Business, Canberra, Australia
November 2017 - August 2018

- Modeled predictive performance of employment service providers in achieving outcomes for job-seekers (probit, logit, OLS). Analysed potential and existing job-seeker variables and labour market trend variables
- Research project: Compared the relative performance of job-seekers with a documented history of drug/alcohol abuse against the population. Analysed how drug/alcohol abuse interacts with other job-seeker variables and its prevalence in vulnerable demographics

Assistant to Professor Bruce Chapman (Australian Economist)

ANU College of Business and Economics, Canberra, Australia
May 2018 - September 2018

- Assisted in the creation of the Centre for International Student Loans Research (CISLR), an international network of economists with common research interests in higher education financing. Key tasks involved documenting developments in higher education policy around the world, designing the CISLR website, and liaising with CISLR members

Sessional Tutor in Economics

ANU College of Business and Economics, Canberra, Australia
February 2017 - July 2018

- Tutored two classes (25 students per class) in graduate Business Economics. Other duties include academic support to students, exam and assignment marking and consultation with lecturers

Senior Pharmacist

Chemist on Northbourne, Canberra, Australia
Quality Pharmacy, Melbourne, Australia
May 2013 - August 2018

- Counselling on medicines and disease state management; mentored two pharmacy interns with weekly tutorials and on-the-job training; managed daily operation of medication services to nursing homes (100 beds); administration of opioid therapy programme

Research Assistant

ANU Research School of Population Health, Canberra, Australia
April 2017 - December 2017

- Extracted and analysed raw data relating to latrine uptake and sustainability in Timor-Leste; designed a survey for aid workers examining effectiveness of latrine subsidy programs compared to behaviour-led approaches

English Teacher

GABA English School, Tokyo, Japan
February 2016 - January 2017

Senior Pharmacist

Quality Pharmacy, Melbourne, Australia
February 2013 - January 2016

Freelance Writer (Selected Articles)

- "The 10 year recovery and lessons from Iceland" - Asia and the Pacific Policy Society (APPS) Policy Forum, January 2018 [[link](#)]
- "Explainer: much ado about inflation" - Woroni, September 2017 [[link](#)]

CONFERENCES AND SEMINARS

2025: Swiss Society of Health Economics PhD Workshop, Melbourne Institute Brown Bag Seminar

2024: University of Zurich Applied Micro Seminar, National Disability Insurance Agency Branch Meeting

2023: University of Zurich Research Seminar

2022: University of Zurich Research Slam (Zurich)

2020: De Nederlandsche Bank Research Seminar

AWARDS AND ACHIEVEMENTS

- Best PhD Paper Award, Swiss Society of Health Economics PhD Workshop 2025
 - UZH Doc Mobility Scholarship (29,600 CHF), 2025
 - UZH Student Life Committee member and co-administrator of the PhD Mental Health Survey, 2022 - present
 - URPP Equality of Opportunity Project Grant (2,971 CHF), 2023
 - GRC Travel Grant (2,230 CHF), 2023
 - Research Slam 2022: The Economics of Inequality (University of Zurich), 2022 [[link](#)]
 - UBS Center Scholarship holder (University of Zurich), 2020 - current
 - Amsterdam Merit Scholarship (University of Amsterdam), 2018
 - Holland Scholarship (University of Amsterdam), 2018
 - Letter of Commendation from the Treasury Secretary, Treasury Research Institute Essay Competition (Australian Department of Treasury), 2017
 - Honours achievement for Bachelor of Pharmacy (Monash University), 2011
 - Scholarship of Academic Merit (Monash University), 2011
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TECHNICAL SKILLS

Proficient: Stata, Julia, Python, R

Working Knowledge: Matlab, SAS, SQL

REFERENCES

Available on request