

# Calvin Aryaputra

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## EDUCATION

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**University of Minnesota**

2024 - Present

PhD in Applied Economics

Curent GPA: 4.00/4.00

**University of Indonesia**

2018 - 2021

Bachelor of Economics

GPA: 3.98/4.00

## RESEARCH INTERESTS

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Primary Interests

Development Economics, Program Evaluation

Secondary Interests

Population & Labor, Family & Gender, Education, Health Economics

## PUBLICATIONS

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### JOURNAL ARTICLES

2. **“A Second Demographic Transition in Indonesia?”** with Ariane Utomo, Aris Ananta, and Diahhadi Setyonaluri. *China Population and Development Studies*, 2022. [Link](#)
1. **“Norms in Transition? The Relationship between Education and Singlehood”** with Diahhadi Setyonaluri and Aidah Magfirah. *Jurnal Studi Pemuda*, 2020. [Link](#)

### REPORTS

4. **“Piloting the Measurement of Time Use, Supervisory Care and Women’s Agency in Indonesia”** commissioned by the UN Women, Investing in Women, and PROSPERA. 2023. [Link](#)
3. **“Investigating Labour Market Transitions in South Africa and Indonesia: a Descriptive Analysis Using Panel Data Studies”** commissioned by the ILO. 2023. [Link](#)
2. **“Survey on Maternity Leave Situation and Income Security among Female Workers in Indonesia”** commissioned by the ILO. 2022. [Link](#)
1. **“Modernization of Government to Person (G2P) through Solutions of Fintech in Indonesia”** commissioned by the TNP2K (*report is in Indonesian*). 2020. [Link](#)

## RESEARCH IN PROGRESS

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1. **“The Impact of Body Weight on Wages in the Indonesian Labor Market”**  
This study utilises longitudinal data from the Indonesia Family Life Survey (IFLS) and contributes to the literature by re-examining the wage premium in Indonesia through the directed acyclic graph (DAG) framework to address potential unobserved differences in productivity and avoid overcontrol bias. This study also includes interactions between BMI and structural conditions to disentangle statistical discrimination from taste-based discrimination. The results from fixed effects approach indicate that weight premiums exist for men, predominantly due to (positive) statistical discrimination. Conversely, no evidence is found regarding the influence of body weight on women’s wages.
2. **“The Effects of Time-use Agency on Unpaid Work”** with Amy Damon, Diahhadi Setyonaluri, Usha Adelina Riyanto, and Bimbika Sijapati Basnett

## OTHER RESEARCH & CONSULTING EXPERIENCE

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7. **“LFS Modular Time Use Pilot Project”** 2023  
*Quantitative Researcher—Commissioned by the ILO*  
The project assesses the feasibility of regular production of statistics on unpaid domestic and care work via the intermittent integration of a simplified time-use module in national Labour Force Surveys (LFS), focused on India, Lesotho, and Indonesia.
6. **“Impact Evaluation of Indonesian Ministry of Communication and Information Technology’s Programs”** 2022  
*Quantitative Researcher—Commissioned by Kominfo*  
The study aims to identify the economic impact of the two programs (constructing base transceiver stations in the least-developed areas and providing 4G cellular in non-least-developed areas in Indonesia) through the average night light intensity index as a proxy of a region’s economic activity.
5. **“The Impact Analysis of Pipes and Fittings Industry on Economy: Case Study of Wavin Indonesia”** 2022  
*Quantitative Researcher—Commissioned by Wavin Indonesia*  
The project aims to assess the quantitative criteria of pioneer industry for obtaining tax holiday facility and provide an estimation of the impact of Wavin’s Investment on the Indonesian economy.
4. **“Why Don’t People Save More in Agent Banking? Evidence from Laku Pandai Program in Indonesia”** 2022  
*Research Assistant—in collaboration with Indonesian Ministry of National Development Planning*  
The pilot study utilizes randomized control trials to identify whether information and incentives are the main factors in reducing barriers and increasing account opening and savings.
3. **“The Impact of Gas Tariff Adjustments on Power Plants in Batam”** 2022  
*Research Assistant—commissioned by Batam Industrial Estate Association*  
This study analyses the economic impact of gas tariff changes and estimates the ideal gas tariff for industrial areas in Batam.
2. **“Promoting Vaccine Take-Up and Tackling Vaccine Hesitancy: The Role of Local Health Workers and Leaders in Indonesia”** 2022  
*Research Intern—in collaboration with Monash University and JPAL*  
The project uses randomized control trials to address hesitancy issues related to the COVID-19 vaccine that can help convince villagers to take the vaccine and benefit from it.
1. **“Workplace Health and Safety Protocols during COVID-19 in Indonesia”** 2021  
*Qualitative Researcher—Commissioned by the GIZ*  
The project explores the development of COVID-19 health safety protocols and their implementation in the workplace, including the inclusivity of workers with disability.

## PROFESSIONAL EXPERIENCE

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### **PROSPERA (Australia-Indonesia Partnership for Development)**

Research Assistant: Gender, disability, and social inclusion 2022 - 2023

### **International Labour Organization (ILO)**

Quantitative Researcher: Time use research 2023

### **Institute for Economic and Social Research, University of Indonesia**

Research Assistant: Digital and behavioral economics 2022 - 2023

Research Intern: Institutional Review Board 2020 - 2021

### **Demographic Institute, University of Indonesia**

Research Assistant: Labor and gender economics 2022 - 2023

Research Intern: Labor economics 2020 - 2021

## TEACHING EXPERIENCE

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**University of Indonesia**, Teaching Assistant

ECEU601100 Mathematics for Economics and Business: Odd 2020, Odd 2021

ECEU600201 Macroeconomics I: Even 2021

ECEU601100 Statistics for Economics and Business: Even 2022

## RECOGNITIONS

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### Fellowships & Scholarships

Jean Kinsey & Willard W. Cochrane Graduate Fellowship, University of Minnesota 2024

Excellence Scholarship (Merit-based Scholarship), University of Indonesia 2018-2021

Antonius Scholarship (Merit-based Scholarship), Saint Peter High School 2015-2018

### Honors & Awards

Highest GPA, University of Indonesia 2022

Gold Medal & Best Paper, Indonesia National Science Olympiad in Economics 2016

## AFFILIATIONS

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Minnesota Population Center 2024 - Present

Life Course Center, University of Minnesota 2024 - Present

## OTHER

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Programming Stata, R,  $\LaTeX$

Languages Indonesian (native), English (fluent), Chinese (limited)

Citizenship Indonesia

## REFERENCES

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Prof. Paul Glewwe  
Department of Applied Economics  
University of Minnesota  
[pglewwe@umn.edu](mailto:pglewwe@umn.edu)

Prof. Aris Ananta  
Department of Economics  
University of Indonesia  
[arisananta@ui.ac.id](mailto:arisananta@ui.ac.id)

Prof. Amy Damon  
Department of Economics  
Macalester College  
[adamon@macalester.edu](mailto:adamon@macalester.edu)

Dr. Diahhadi Setyonaluri  
Department of Economics  
University of Indonesia  
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