

# Seung-hun Lee

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Department of Economics  
Columbia University  
420 West 118th Street  
New York, NY 10027

E-mail: [sl4436@columbia.edu](mailto:sl4436@columbia.edu)  
Website: <https://seunghunlee918.github.io>  
Phone (US): +1 (917) 691-8858  
Phone (Non-US): +82-10-3039-7323

## PLACEMENT

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**Chairs:** Sandra Black, [sblack@columbia.edu](mailto:sblack@columbia.edu); Suresh Naidu, [sn2430@columbia.edu](mailto:sn2430@columbia.edu)

**Administrators:** Amy Devine, [aed2152@columbia.edu](mailto:aed2152@columbia.edu); Rosa Lourentzatos, [rcl2109@columbia.edu](mailto:rcl2109@columbia.edu)

## EDUCATION

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Ph.D. Economics, Columbia University	May 2024 (expected)
M.Phil. Economics, Columbia University	May 2021
M.A. Economics, Columbia University	May 2020
B.A. Economics, Yonsei University	Feb 2017

## FIELDS OF SPECIALIZATION

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**Primary:** Development Economics, Political Economy, Public Economics

**Secondary:** Labor Economics

## JOB MARKET PAPER

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### **Organized Crime, Presence of Local Politicians, and the Dynamics of State Capacity**

*Abstract:* This paper investigates the effects of losing local leaders to assassinations on the capacity of local governments in municipalities with organized criminal group activities. Exploiting the randomness in the outcomes of assassination attempts against mayors in Mexico in 2002-21, I find that the fiscal and personnel capacities of the municipality governments that have lost their mayors deteriorate. They are unable to retain their sources of income, evidenced by a 29% decrease in tax collection. Local expenditures are diverted to sectors potentially serving criminal interests such as construction, with its share in the budget increasing by 6.3 percentage points. Furthermore, there are losses of key personnel in local governments, with hypothetical cost of retaining them estimated as 13% increase in wages. These effects are not driven by non-political violence, extent of economic activities, and changes in population. These results speak to the importance of a sustained presence of leadership in determining the performance of the local public institutions and economic development.

## WORKING PAPERS

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### **Childbirth Effects of the 2004 Indian Ocean Tsunami** (with Elizabeth Kayoon Hur)

*Abstract:* This paper evaluates the effect of the in utero exposure to the 2004 Indian Ocean Tsunami on short-term childbirth outcomes in Indonesia. We exploit variation in damage intensities across communities and the timing of exposure to identify causal links between the in utero exposure and birth outcomes. We find that the probability of successful pregnancies drops by 5.9 pp, while miscarriages increase by 5.5 pp in our preferred specification. However, this does not vary by intensity of exposure across communities. Household expenditures on health increased after the event, possibly contributing to reduced negative effects after the disaster. Our results suggest the importance of considering fetal loss for similar studies in developing countries and highlight that facilitating household investment in health through various policies may mitigate negative birth effects in the aftermath of natural disasters.

## Remittance and the Tax Structures in Developing Countries

*Abstract:* Despite the increasing flow of remittances in volume and proportion, particularly among the developing countries, their role in determining the state's capacity to collect taxes has received little attention. This paper explores the link between remittances and various tax revenue categories using country-level data. Two-way panel regressions suggest that a 1%p increase in inflow of remittances explains a 0.12%p rise in consumption tax revenues. The same estimate derived from IV methods proxying for migrant network strength and openness of borders increases to 0.9%p. Decomposing this result reveals that increase in household consumption expenditure explains all of the statistical association, not the efficient tax-collecting mechanism such as VAT. Subsample regressions by income category suggests that the association between remittances and consumption tax revenue is stronger in countries with lower income.

## WORKS IN PROGRESS

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**Religious Conflicts and Educational Outcomes in Nigeria** (with Kayode Taiwo, Rose Camille Vincent)

## HONORS, AWARDS, AND GRANTS

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Dissertation Fellowship, Columbia University	2023-24
Best paper, Korea Uni.-KIEP Paper Competition on South East Asian Studies	2020
Wueller Teaching Award, Winner (Undergraduate Core)	2020
Research Grant, Korea Foundation for Advanced Studies (KFAS)	2018-20, 2021-24
Dean's Fellowship, Columbia University	2018-23
3rd Best Paper, Korea Institute of Public Finance Economics Paper Contest	2017
2nd Best Paper, Maeil Business Newspaper Economics Paper Contest	2017
Dual Undergraduate-Graduate Degree Scholarship, Yonsei University	2017-18
Special Scholarship for Undergraduate Students, KFAS	2015-16
National Humanities Scholarship, Korea Student Aid Foundation	2011-12, 2015-16

## TEACHING AND WORK EXPERIENCE

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### Teaching Assistant in Columbia University

#### Introduction to Econometrics II (Ph.D core)

- TA for Jushan Bai (Spring 2020), Serena Ng (Spring 2022), and Bernard Salanié (Spring 2022 & 2020)

#### Introduction to Econometrics (Undergraduate)

- TA for Seyhan Erden (Fall 2021), Tamrat Gashaw (Spring 2021, Fall 2019) and Simon Lee (Fall 2022)
- Winner of Wueller Teaching Awards (Fall 2019)

#### Economic Policy Analysis (Masters)

- TA for Lena Edlund and Brandan O'Flaherty (Fall 2020)

### Teaching Assistant in Yonsei University

#### Public Finance (Undergraduate)

- TA for Kyung-woo Lee (Spring 2018, Spring 2017, Fall 2016)

#### Macroeconomics (Undergraduate)

- TA for Kyung-woo Lee (Fall 2017)

#### Korean Economic Development (Undergraduate)

- TA for Jaymin Lee (Spring 2016, Fall 2015)

## Research Assistant

Bank of Korea Knowledge Partnership Program

- With Bank of Korea, Nepal Rastra Bank, and Yonsei University on March 2017 - December 2017
- Responsible for cleaning data and designing medium-sized macroeconomic models on Nepalese economy

## EXTERNAL SEMINAR AND CONFERENCE PRESENTATIONS

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- 2023** *Asian & Australasian Society of Labor Economics Conference, National Taiwan University, Taiwan (Scheduled); Economics Graduate Student Conference, Washington University in St. Louis (Scheduled)*
- 2021** IGC-DevLab@Duke Research Team Matching and Proposal Development Workshop (Virtual); Paris School of Economics Summer School, Development Economics Program (Virtual)
- 2018** Asian Meeting of the Econometric Society, Sogang University, South Korea; International Panel Data Conference, Sogang University, South Korea
- 2017** Korea-Japan Inter-University Conference, Ewha University, South Korea; Korea Institute of Public Finance Conference, Seoul, South Korea
- 2016** Korea-Japan Inter-University Conference, Korea University, South Korea

## PERSONAL DETAILS

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**Nationality:** South Korea (F-1 Visa)

**Language:** English (Fluent), Korean (Native), French (Basic, DELF B2), Spanish (Beginner)

**Programming:** Stata, Python, R,  $\text{\LaTeX}$ , QGIS, MATLAB, Eviews, and SQL

**Military Service:** Sergeant, English Interpreter, Republic of Korea Army (May 2013 - Feb 2015)

## REFERENCES

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### Suresh Naidu (Sponsor)

Jack Wang and Echo Ren Professor  
of Economics  
Columbia University  
[sn2430@columbia.edu](mailto:sn2430@columbia.edu)

### Michael Carlos Best

Assistant Professor of Economics  
Columbia University  
[mcb2270@columbia.edu](mailto:mcb2270@columbia.edu)

### Rodrigo R. Soares

Lehmann Foundation Professor  
of Economics  
Insper, Brazil  
[r.soares@insper.edu.br](mailto:r.soares@insper.edu.br)