

# KHOA VU

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Nationality: Vietnam

## EDUCATION

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Applied Economics	University of Minnesota	2022 (expected)
Minor	Population Studies	University of Minnesota	2022 (expected)
M.S.	Economics	Tufts University	2015
B.S.	Economics and Math	University of Minnesota	2014

## EMPLOYMENT

### Research

1. University of Minnesota COVID-19 Hospitalization Tracking Project: *Visualization and Analytics Team* 2020-present  
(International awards: AACSB's 2021 Innovation that Inspires, NIHCM's Finalist for the Digital Media Award, featured on the New York Times and the Wall Street Journal)

### Role:

- Manage a team of undergraduate research assistants to collect daily hospitalization data from state's website
  - Conduct exploratory analysis and provide visualization for state and county-level hospitalization to inform policymakers and media about COVID hospitalization situations.
  - Write and maintain Stata codes to automate error-checking for large hospitalization data
2. Research on Improving Systems of Education (RISE) in Vietnam 2016-present

- *Project Manager*
- *Graduate Research Assistant*

**Role:**

- Manage a budget of £4.2 million over 6 years. Coordinate 4 international team of researchers (in UK, US, Vietnam, and Netherlands) and major sponsor (Oxford Policy Management) to complete over 100 deliverables
- Analyze data on cognitive test score and socioemotional skills for students in primary and lower secondary schools
- Analyze determinants of student's learning, including student characteristics, parental engagement, teacher's pedagogy, and principal's management styles using different datasets (PISA, Young Lives, RISE)

3. United Nations University – World Institute of Development Summer 2019  
Economics (UNU-WIDER), Finland  
*Visiting PhD Fellow* – Study intergenerational mobility of education in Vietnam
4. Project "Physician Characteristics and De-Implementation of 2017-2019  
Ineffective or Unsafe Treatments", School of Public Health,  
University of Minnesota  
*Graduate Research Assistant*
5. IPUMS-International, Minnesota Population Center, University of 2015-2019  
Minnesota  
*Graduate Research Assistant*

**Teaching**

1. *Graduate Teaching Assistant*, University of Minnesota  
Course: Intermediate Microeconomics (2020-2021)
2. *Instructor*, Century College (Spring 2020)  
Course: Principles of Macroeconomics
3. *Graduate Teaching Assistant*, Tufts University  
Course: International Economics (2014-2015)

**PUBLICATION**

1. Zhu Y, Carroll C., **Vu K**, Sen Soumya S, Georgiou A, Karaca-Mandic P. "Rural versus urban trends in COVID-19 hospitalizations: A county-level analysis of 6 U.S. States," (Medical Care Research and Review (Accepted).
2. **Vu K**, Glewwe P. (2022). "Maternity benefits mandate and women's work: Evidence from Vietnam," **World Development**.
3. **Vu K**, Vuong N, Nguyen A. N., Vu-Thanh T. A. (2022) "Income shock and Food Insecurity Prediction: Vietnam under the Pandemic," **World Development**.

4. Sacks D, **Vu K**, Huang T-A, Karaca-Mandic P. (2021). "The effect of the Risk Corridor Program on Marketplace premiums and participation," **Health Economics**.
5. **Vu K**, Zhou J, Everhart A, Desai N, Herrin J, Jena A-B, Ross J, Shah N, Karaca-Mandic P. (2021). "Uptake of evidence by physicians: De-adoption of erythropoiesis-stimulating agents after TREAT trial showed they are ineffective and unsafe," **BMC Nephrology**.
6. Karaca-Mandic P, Georgiou A, Sen S, Zhu Y, **Vu K**, and Everhart A, (2020). Early Insights from the COVID-19 Hospitalization Tracking Project of University of Minnesota Carlson School of Management. **Health Management, Policy and Innovation** (HMPI.org), volume 5, Issue 1, special issue on COVID-19, April 2020.
7. Bellemare M. F., Chua, K, Santamaria, J, & **Vu K**. (2020). Tenurial security and agricultural investment: Evidence from Vietnam. **Food Policy**.

## WORKING PAPERS

1. Dang H. A., Glewwe P, Lee J, **Vu K**. "What explains Vietnam's exceptional performance in education relative to other countries? Analysis of the 2012 and 2015 PISA Data," (*R&R requested by Economics of Education Reviews*)
2. **Vu K**, Lo Bue M. "Intergenerational mobility of education in Vietnam: Evidence from the Vietnam War," UNU-WIDER Working paper 67/2019.
3. Glewwe P, James Z, Lee J, Rolleston C, **Vu K**. "What explains Vietnam's exceptional performance in education relative to other countries? Analysis of the Young Lives data from Ethiopia, Peru, India, and Vietnam."
4. Dang H. A., Glewwe P, Lee J, **Vu K**. "Transforming the teaching and learning status quo: Impact evaluation of the Escuela Nueva (New School) model in Vietnam."
5. **Vu K**. "Does universal health coverage at early age reduced medical needs at later age? Evidence from Vietnam," *Accepted for oral presentation at the PAA 2019, AASLE 2019, ASHEcon 2020-2022, EuHEA 2020*.

## GRANTS AND SCHOLARSHIPS

1. Asian Development Bank: Assessing what works to improve the quality of basic education in Southeast Asia (2021)  
**Project:** The Effects of the Vietnam Escuela Nueva Program on Student Learning Practices and Parental Engagement (\$5,000)  
**Vu, Khoa;** Chua, Kenn
2. Economic Research Institute for ASEAN and East Asia (ERIA), Indonesia: Sustaining Vietnam's Economic Miracle: The Role of Productivity Growth (2021)  
**Project:** Higher Education Expansion and Labor Productivity in Vietnam (\$8,000)  
**Vu, Khoa;** Vu-Thanh, Tu-Anh
3. United Nations University – World Institute of Development Economics (UNU-WIDER), Helsinki, Finland (multiple)
  - a) Economic Transformation Database (2022)

Project: The impacts of higher education expansion on agricultural productivity: Evidence from Vietnam (\$6,000)

Bellemare, Marc; **Vu, Khoa**

- b) Women's work – routes to economic and social empowerment (2019)

**Project:** Maternity benefits mandate and women's choice of work in Vietnam (\$10,000)

**Vu, Khoa;** Glewwe, Paul

- c) Visiting PhD Fellowship (2019)

**Project:** Intergenerational mobility of education in Vietnam: Evidence from the Vietnam War

- d) Rural households in Vietnam (2017)

**Project:** Tenurial security and agricultural investment – Evidence from Vietnam (\$10,000)

Bellemare, Marc F.; Chua, Kenn; Santamaria, Julieth; **Vu, Khoa**

4. Institute for Humane Studies (IHS), George Mason University (multiple)

- a) 2020 Humane Studies Fellowship, "Does universal health coverage at early age reduced medical needs at later age? Evidence from Vietnam" (\$3,000)

- b) 2019 Humane Studies Fellowship, "Land reform and human capital formation" (\$3,000)

- c) 2015 Summer Research Program Grant (\$500)

- d) 2014 Hayek Scholarship for Future Scholars (\$300)

#### **Other awards/grants**

Culture Corps, "The Graduate Education Experience for International Graduate Students: An analysis of the International Student Barometer Open comments" (with Char Voight, Xi Yu, and Sung Tae Jang).

Mestenhauser Student Award for Excellence in Campus Internationalization

Douglas and Jane Gorence Endowed Scholarship in Economics

Charles Stroud Scholarship

#### **CONFERENCE AND SEMINAR PRESENTATIONS**

2022

- American Society of Health Economists (ASHEcon)
- Center for Global Development (CGD), Education group seminar
- Economic Research Institute for ASEAN and East Asia (ERIA) -- Workshop

2021

- Population Association of America (PAA)

- Jobs and Development Conference by World Bank, IZA, and UNU-WIDER
- St. Olaf College Economics Seminar
- Southern Economics Association (SEA) Annual Meeting

2020

- Women's work – Routes to social and economic empowerment Virtual Workshop (UNU-WIDER)
- PAA
- Comparative and International Education Society (CIES)
- ASHEcon
- European Health Economics Association (EuHEA)

2019

- Asian and Australian Society of Labour Economics (AASLE)
- PAA
- UNU-WIDER Weekly Seminar
- UNU-WIDER Brown Bag Seminar

2018

- PAA

2017

- PAA

2015

- International Association for Energy Economics, 5<sup>th</sup> Asian Conference

## **REFeree REQUEST**

*2020-2021*

American Journal of Agricultural Economics (2),

World Development (1),

Oxford Bulletin of Economics and Statistics (1),

PLOS One (1),

Journal of Asian Economics (1),

## International Journal of Manpower (2)