Emil R. Kee-Tui

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EDUCATION

Cornell University | Ithaca, NY
PhD in Applied Economics and Management (AEM) — May 2027

University of Arizona | Tucson, AZ
Master of Science in Applied Economics and Policy Analysis (AEPA) — May 2021

Colby College | Waterville, ME
Bachelor of Arts, Economics (major) and Mathematics (minor) — May 2019

SELECTED PROJECTS

Regulation Impact Assessment and Health Damage Analysis: Outdoor Worker Heat Protection Laws
Developed a quasi-experimental study of the health costs of heat. Incorporated Texan outdoor worker heat protection laws and state run workers' compensation data from the Texas Department of Insurance. Credibly quantified the cost of extreme heat to worker health, productivity, and public finances. **Techniques used to calculate health damages.**

Regulator Enforcement and Firm Compliance: Drinking Water Utility Compliance with Water Contamination Regulation
Developed a causal identification strategy and theoretical model to identify the response of firms and regulators to increases in output contamination. Integrated geospatial, geologic, firm, and regulator response data. Policy **insights transferable to costing and designing regulation.**

Consumer Demand Modeling: Impact of Water Pollution on Recreation and Housing Demand
Estimated demand for water quality across the US. Modeled demand with a combination of house price hedonic and discrete choice recreation demand models using national data of home sale prices, cellphone mobility, and satellite and in situ water quality. Demand modeling **applicable to welfare estimates of product characteristics or defects.**

PROFESSIONAL EXPERIENCE

Cornell University — Ithaca, New York
Graduate Resident Fellow, Carl Becker House — August 2023 – Present
- Mentored, supported, and implemented extracurricular programming for 400 students in university housing.
- Trained staff in student crisis response and organized networking and extracurricular activities.
- Increased resident attendance at events by 25% and reduced student mental health calls by 10%.

Cornell University — Ithaca, New York
Lead Graduate Teaching Assistant: Applied Economics and Management — August 2022 – Present
- Managed five undergraduate TA's for a 200 student intermediate microeconomics class.
- Tasked with maintaining student grades throughout the semester and supporting the instructor.
- Coordinated TA office hours to focus on topics that students struggled with in assignments and exams.

World Bank Group (WBG) — Washington, DC
Consultant, International Development Association — May 2020 – August 2020
- Created a procedure to construct a reliable variable for crop yields from the Living Standards Measurement Study - Integrated Surveys on Agriculture (LSMS-ISA)
- Developed procedure into training document with reproducible code from data download to summary tables.
- Document adopted as a training reference.

University of Arizona — Tucson, Arizona
Graduate Research Assistant for Jeffrey Michler and Anna Josephson, Assistant Professors — August, 2019 – July, 2021
- Co-authored paper on market completeness in the rice market in the Philippines.
- Prepared agricultural production data from the WBG's LSMS-ISA.

Colby College — Waterville, Maine
Research Assistant for Daniel Lafave, Assistant Professor — June, 2017 – May, 2018
- Processed results of an RCT to reduce deforestation with improved cookstoves in rural Ethiopia.
- Co-authored an economic letter titled, 'Preferences and (Mis)Perceptions of Inequality in China.'

International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) Bulawayo, Zimbabwe
Research Assistant for Jeffrey Michler, Postdoctoral Research Fellow June, 2016 – July, 2016
- Digitized hard-copy field surveys collected for a clean cookstove adoption trial that took place in Zambia.

TECHNICAL SKILLS

Languages & Tools: Python (advanced), R (advanced), Stata (proficient), SQL (proficient), SAS (proficient), MATLAB (proficient)
Quantitative Methods: Time series econometrics, regression analysis, ML, demand modeling, hedonics, spatial modeling
Causal Inference: Difference-in-differences, instrumental variables, regression discontinuity, RCTs

TA CLASSES

AEM 2600 Managerial Economics, AEM 4190 Strategic Thinking, AEM 3205 Ethics in Business and Organizations, AEM 4421/AEM 5421 Research and Strategy in Emerging Markets, ECON 1120 Introduction to Macroeconomics

AWARDS AND PRIZES

Agricultural and Applied Economics Association *Outstanding Master's Thesis Award* May, 2022
- Won the AAEA Outstanding Master's Thesis Award for my thesis, ***Labor, Credit, and Markets: Evidence from the Philippines, 1970-2016***.
- The paper studies if small scale rice farmers in the Phillippines have access to complete markets.

VOLUNTEER EXPERIENCE

Graduate Student Association: Applied Economics and Management Ithaca, New York
Co-vice president May, 2022 – June, 2023
- Assisted in designing, planning and running academic and non-academic programming for AEM graduate students.
- Organized the graduate student presentation seminar.

GRANTS

Davis Grant for independent research, Colby College Jan, 2018, and Jan 2019
- Awarded to conduct Urban Economic History Research for my senior thesis, "The Persistent Effects of Segregation on Residential Water Use in Bulawayo."
- Total Davis grant awards: $8000