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EDUCATION	<p>University of Texas at Dallas, Richardson, TX May 2023 (expected)</p> <p>Ph.D. Candidate in Economics</p> <p>Dissertation Title: “U.S. Income Volatility and Interstate Migration”</p> <p>Committee: Seth Giertz (Chair), Donggyu Sul, Victor Valcarcel, Camila Morales</p> <p>Yonsei University, Seoul, South Korea Aug 2011</p> <p>M.A. in Economics</p> <p>Sogang University, Seoul, South Korea Aug 2009</p> <p>B.S. in Mathematics and B.A. in Economics (Magna Cum Laude)</p>
EMPLOYMENT	<p>Austin College, Sherman, TX Feb 2022–Present</p> <p><i>Visiting Assistant Instructor</i>, Aug 2022–Present</p> <p><i>Adjunct Instructor</i>, Feb 2022–May 2022</p> <ul style="list-style-type: none">ECO101 Principles of MicroeconomicsECO102 Principles of MacroeconomicsECO302 Intermediate Macroeconomics (scheduled) <p>University of Texas at Dallas, Richardson, TX Jan 2018–May 2022</p> <p><i>Instructor</i>, Aug 2020–Dec 2021</p> <ul style="list-style-type: none">ECON2302 Principles of MicroeconomicsECON4302 Urban and Regional Economics <p><i>Teaching Assistant</i>, Jan 2018–May 2020, Jan 2022–May 2022</p> <ul style="list-style-type: none">ECON3315 Sports EconomicsECON4355 EconometricsECON6306 Applied EconometricsECON7309 Econometrics II <p><i>Research Assistant</i>, May 2019–Aug 2019</p> <ul style="list-style-type: none">Explored course-taking patterns in Texas high school and academic performance in Texas college between Division I athletes and others (with Dr. Kurt Beron and Dr. Daniel O’Brien) <p>Korea Investment and Securities, Seoul, South Korea Jul 2011–Nov 2015</p> <p><i>Equity Research Analyst</i> <i>Bank and Card Sector</i></p>
RESEARCH INTERESTS	Labor Economics, Public Economics, Urban Economics
WORKING PAPERS	<p>Trends in Earnings Volatility for U.S. Men: 1979-2017 (Job Market Paper)</p> <p><i>Presented at 2022 MEA Annual Meeting. Scheduled to present at 2022 SEA Annual Meeting and 2023 ASSA Annual Meeting</i></p> <p>Abstract: This article explores how U.S. male income has evolved, ranging from 1979 to 2017. The research aims to decompose the income volatility into the <i>permanent component</i> – the long-term average – and <i>transitory component</i> – the period-specific deviation from the average – since the two have different implications in practice. After constructing a pseudo panel using the Current Population Survey, we estimate the structure of income volatility using an extended semiparametric model proposed by Moffitt Zhang (2018). The</p>

transitory variance fluctuated through the mid-1990s and declined until 2002. Since then, the transitory variance increased through 2013 and almost recovered to the level in the mid-1990s. Furthermore, we find a countercyclical pattern of gross volatility and transitory variance around the Great Recession.

Evaluating Estimators of Tax Migration Responses

Abstract: The present paper uses Monte Carlo simulation techniques to evaluate estimators of existing literature that studies migration responses to changes in income tax differentials across countries or U.S. states. We first estimate U.S. income dynamics based on the assumption that unobserved income consists of a fixed individual-specific component and a period-specific idiosyncratic random component in order to generate an income variable. Then, the data set creates an interstate migration variable such that workers leave a high-tax state and move to a low-tax state. After the data generating process, we analyze the behavior of two methods widely used in the migration literature: logit and difference-and-difference regressions.

Income Convergence and Regional Labor Markets in the U.S. Revisited

Abstract: The decline of the U.S. income convergence rate across states has been widely accepted in the context of beta convergence or sigma convergence. This article revisits the question of income convergence by applying a relative convergence test, which again demonstrates that U.S. regional incomes do not converge. Alternatively, income convergence has formed among four subgroups – called *clubs* – within which states have specific characteristics in common. The ordered logit regression analysis suggests that changes in labor demand change and public school spending contribute to the formation and composition of convergence clubs.

CONFERENCE PROCEEDINGS	Bush, R., and Choi, S. (2019, November). Forecasting Ethereum STORJ token prices: Comparative analyses of applied bitcoin models. <i>In 2019 International Conference on Data Mining Workshops (ICDMW)</i> (pp. 216-223). IEEE.
WORK IN PROGRESS	Does Gig Economy Mitigate Rental Evictions? (with Jihun Kwak and Pil-Seng Lee) The Effect of Opportunity Zones on Mortgage Market
PRESENTATIONS & SEMINARS	2023: AEA/ASSA Annual Conference (poster session, scheduled) 2022: Southern Economic Association Annual Conference (scheduled), Midwest Economic Association Annual Conference 2021: University of Texas at Dallas – Brown Bag Seminar
PROFESSIONAL ACTIVITIES	<i>Discussant</i> , Midwest Economic Association Annual Conference 2022 <i>Session Chair</i> , International Conference on Data Mining Workshops 2019
FELLOWSHIPS, GRANTS, HONORS & AWARD	DFW Research Data Center Grant 2022-2023 Fred Hill Scholarship 2022 Honor Society of Phi Kappa Phi 2022 Ph.D. Research Small Grant 2019, 2022 Irving J. Hoch Scholarship 2019-2020, 2022 Charles C. McKinney Scholarship 2019, 2021 Brain Korea 21 Scholarship, Yonsei University 2009-2011 Honors Scholarship (Given to students with top 3% GPA), Sogang University 2008

ORGANIZATIONS & AFFILIATES American Economic Association
Midwest Economic Association
Southern Economic Association
The Honor Society of Phi Kappa Phi

OTHERS **Programming**
Proficient in Stata, Matlab, R, L^AT_EX
Experience with HTML, SAS, Gauss, C+

Languages:
English (fluent), Korean (native)

Financial certificates:
Korean Financial Research Analyst (Aug 2012), Korean Securities Investment Advisor (Jun 2014), Korean Fund Investment Advisor (Apr 2014)

Nationality:
South Korea
U.S. Permanent Resident (U.S. Citizenship expected in late 2022)

REFERENCES

<p>Seth Giertz Associate Professor of Economics University of Texas at Dallas seth.giertz@utdallas.edu</p>	<p>Donggyu Sul John Kain Professor of Economics University of Texas at Dallas d.sul@utdallas.edu</p>
<p>Victor Valcarcel Associate Professor of Economics University of Texas at Dallas victor.valcarcel@utdallas.edu</p>	<p>Dong Li Professor of Economics University of Texas at Dallas econdongli@utdallas.edu</p>