

CURRENT EMPLOYMENT

Postdoctoral Research Associate, Heldrich Center for Workforce Development at Rutgers University July 2023 -current

RESEARCH FIELDS

Primary Fields: Labor, and Public Economics (primary); Health Economics (secondary)

EDUCATION

University of Nebraska-Lincoln	Lincoln, NE
Ph.D. in Economics	2023

Texas A&M University	College Station, TX
M.S. in Economics (Concentration: Financial Economics)	2016

Tajik State University of Law, Business and Politics	Khujand, Tajikistan
B.S. in International Economics	2007

PUBLICATIONS

Gender Differences in Graduate Student Views on the Professional Climate in Economics (with Ann Mary May and Mary G. McGarvey), *Contemporary Economic Policy*, 2023

This research examines graduate student's views on the professional climate in economics using a comprehensive survey of students enrolled in economics Ph.D. programs in the United States. Topics discussed include stress and work/life balance, disciplinary climate in the profession, departmental climate, and the prevalence of sexual harassment. We find significant gender differences in views on all four topics—particularly in views on departmental climate and disciplinary climate in the profession. We analyze the results based on gender, rank of the institution, public versus private institutional status, and representation of women faculty in departments.

Infrastructure System Obstacles and Technology Adoption by Firms in Transition Countries (with John E. Anderson), *Comparative Southeast European Studies* 72.1 (2024): 104-134

This study uses business survey data to analyze firm perceptions of infrastructure systems in transition countries as obstacles to conducting business. Factors that contribute to reported perceptions are modeled, including country macroeconomic conditions, firm characteristics, and measures of overall reforms and infrastructure system reforms. Identified obstacles arise from binding constraints that limit economic growth, reflect implicit shadow costs, and signal areas in need of policy reform or infrastructure investment. The analysis covers electric power, telecommunications, transportation, and water and wastewater infrastructure systems. Also examined is whether transition indicators of reforms, intended to reflect improvements, are associated with perceptions of obstacles. Beyond identifying infrastructure obstacles and the effects of reforms during the transition process, we also explore firm adoptions of new electronic technologies, essentially a new infrastructure system, as they use email, websites, cell phones, and high-speed Internet in their business activity.

WORKING PAPERS

Are low-skilled immigration and coresidence substitutes? Evidence from Secure Communities Under review

This paper studies the impact of Secure Communities (SC), an immigration enforcement program that removed a large number of non-citizens, on the living arrangements of elderly U.S.-born individuals. Exploiting spatial and temporal variation in the implementation of SC, I estimate a difference-in-differences model with location and time fixed effects. The findings indicate that SC increased the likelihood of coresidence among U.S.-born elderly. Additionally, there is suggestive evidence indicating an increase in coresidence of the elderly with unemployed individuals following SC. Empirical tests suggest that the increased price of household services due to the reduction of immigrants' labor supply is the key mechanism generating these effects.

Automation, Career Trajectory, and Education (*with Marina Lovchikova*) A substantial body of research explores how routine-biased technological change (RBTC) impacts labor markets and worker adaptability. This paper argues that intergenerational persistence of occupational types is one of the explanations for the slow speed of the adjustment to new technologies. Using NLSY79 data, we document two stylized facts. First, children whose parents were employed in routine-intensive occupations are more likely to be employed in similar type of occupations by routine content, and regardless of educational attainment. Second, the gap between children of parents in the first (lowest) and last (highest) terciles by routine intensity is persistent over age and career trajectory. Furthermore, we observe that college degree attainment vary with the routine intensity of parents' jobs, with a higher probability of having a college degree by those whose parents hold less-routine occupations.

Households Spatial Sorting Impacts of the Housing and Financial Crisis (*RDC project with John Anderson and Kyle Kopplin*) Uses restricted micro-data in Census Research Data Center to explore Tiebout-style sorting and neighborhood demographic homogeneity after the Great Recession.

Immigration Enforcement and Health Insurance Choices: Evidence from Secure Communities (*with Marina Lovchikova*)

GRADUATE RESEARCH EXPERIENCE

- Research Assistant for Dr. Anderson Fall 2019-Spring 2022
University of Nebraska-Lincoln
- Research Assistant at Bureau of Business Research Fall 2018-Spring 2019
University of Nebraska-Lincoln

PREVIOUS EMPLOYMENT

- Research Consultant, Ministry of Economic Development of Tajikistan (financed by the World Bank) 2017
- Business Development Specialist, RSM International, Dushanbe, Tajikistan 2016
- Economist/Intern, DevTech SYSTEMS Inc, Arlington, VA 2015

TEACHING EXPERIENCE

- Teaching Instructor (3 courses, full responsibility) 2020-2022
Principle of Microeconomics
- Teaching Instructor (full responsibility) 2021
Principle of Macroeconomics
- Teaching Assistant 2017-2021
Principle of Macroeconomics, Principle of Microeconomics, Econometrics I (Ph.D.)

SCHOLARSHIPS AND AWARDS

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| • McConnell Dissertation Fellowship, UNL | 2022–2023 |
| • Ogle Research Fellowship, UNL | 2017–2023 |
| • Fulbright Scholarship | 2014–2016 |
| • Edmund Muskie Fellowship | 2015 |

PRESENTATIONS

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| • American Society of Health Economists | June, 2024 |
| • Midwest Economic Association | 2023 |
| • Midwest Economic Association | 2022 |
| • 8th Annual Conference of the Leibniz Institute for East and Southeastern European Studies (IOS) | 2021 |
| • Western Economic Association International | 2021 |
| • Microeconomics Working Group (UNL) | 2019, 2020, 2021, 2022 |

SERVICE

Refereeing: World Development Journal, Comparative Economics Studies

Economics Department Undergraduate Committee at UNL

- Graduate Student Representative (2021-2022)

Economics Graduate Student Association at UNL

- President (2020-2021), Vice-President (2019-2020)

Fulbright Student Association at Texas A&M University

- Vice-President (2015-2016)

OTHER

- Security Clearance: U.S. Census Special Sworn Status
- Programming: STATA, R-program, SQL, SAS, Tableau, LaTeX, JMP, MS Office
- Languages: English (fluent), Tajik (native), Russian (fluent)

REFERENCES

- **John Anderson (chair)**

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