

Samuel Rowe
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Education

Doctor of Philosophy, Public Policy, December 2016
University of Maryland, Baltimore County (UMBC), Baltimore, MD
Fields: microeconomics and evaluation
Dissertation: The Impact of Right-to-Work Laws on Employment and Wages

Masters of Science, Economics, August 2005
Florida State University, Tallahassee, FL

Bachelors of Science, Economics, December 2003
University of Utah, Salt Lake City, UT

Professional Experience

Economist (2023 - Present)	Health Resources & Service Administration Rockville, MD
Senior Lecturer (2022 – Present)	University of Maryland College Park, MD
Supervisory Manager (2022 - 2023)	Mining Safety and Health Administration Arlington, VA
Statistician (2016-2022)	Chief Evaluation Office U.S. Dept of Labor Washington, D.C.
Economist (2005-2016)	U.S. Bureau of Labor Statistics Washington, D.C.

Research Experience

Health Resources and Services Administration, National Center for Health Workforce Analysis, 2023 - Present

- Outcome evaluations of health workforce programs
- Publishing outcome evaluations for Value-Based Medical Student Education
- Publishing outcome evaluation for Opioid Workforce Expansion Program – Paraprofessional
- Researching the impact of nurse residency programs on employment outcomes
- Presenting results of program evaluations to internal and external audiences
- Health Workforce analysis of behavioral health professionals and paraprofessionals
- Analyzing elasticity of grant awards for program outputs and outcomes
- Cost-effectiveness evaluations of health workforce programs

Mining Safety and Health Administration, 2022-2023

- Analyzing the association of unionization and fatalities and accidents from panel of mines from MSHA administrative data

U.S. Department of Labor, Chief Evaluation Office, 2016-2022

- Assessing state-level paid leave policies on employer burdens from the Wave 4 FMLA Survey
- Assisting with the development of state-level paid leave microsimulation - Worker Paid Leave Usage Simulation (PLUS)
- Utilizing Worker PLUS to assess state-level paid leave costs
- Estimating unionization association on the provision of paid and unpaid leave benefits
- Estimated Fair Labor Standards Act population and compliance with minimum wage and overtime
- Researched union election compliance and compliance with LMRDA
- Researched individual health outcomes from state-level paid-family-medical leave and FMLA from the Wave 4 FMLA Survey
- Created estimates of union creation and destruction dynamics
- Assisted with VETS Study Design Options report
- Assisted with the Reemployment Opportunities Grant evaluation
- Assessed and cleaning administrative data from compliance agencies and supplemented with external survey data
- Utilizing public-use micro datasets (ACS and CPS) to answer agency questions on labor outcomes

Ph.D. Research, UMBC School of Public Policy, 2010-2016

- Evaluated the impact of “Right-to-Work” laws on unionization, wages, and employment with multiple causal methods
- Conducted a systematic review of the literature on Right-to-Work
- Assessed factors associated with income mobility in Costa Rica
- Evaluating the impact of Arizona immigration laws on labor force participation with CPS and Difference-in-Differences

Research Assistant (Volunteer), UMBC School of Public Policy, 2011-2012

- Create transition matrices for poverty flows
- Created transition matrices for intra-generational income mobility
- Worked with PI to develop factors associated with income mobility in Costa Rica
- Utilizing Stata to assess the correlates of poverty dynamics

Economist, Bureau of Labor Statistics, 2013-Present

- Lead research assistant to research economist
- Developed input and output measures for construction industries
- Developed measures of labor inputs for agricultural industries

Publications

Peer Reviewed

Sveikauskas, L., Rowe, S.R., Mildemberger, J., Price, J., & Young, A. (2018). Measuring productivity growth in construction. *Monthly Labor Review*, January, 2018

Sveikauskas, L., Rowe, S.R., Mildemberger, J., Price, J., & Young, A. (2016). Productivity growth in construction. *Journal of Construction and Management*, 142(10)

Rowe, S.R., Gindling, T.H., Trejos, J.D. (2014). Income Mobility in Costa Rica, 2001-2007. *Revista de Ciencias Económicas, Instituto de Investigaciones en Ciencias Económicas, Universidad de Costa Rica*, 32(1)

Program Evaluations

Rowe (2023). Dental faculty loan repayment programs evaluation: Academic years 2016-2022. Health Services and Resource Administration.

Rowe (2024). Medical student education program evaluation: Academic years 2019-2023. Health Services and Resource Administration.

Rowe (2024). Opioid workforce expansion program – paraprofessional evaluation: AY 2019-2023. Health Services and Resource Administration.

Other Publications

Brill, M. & Rowe, S.R. (2013). Industry Labor Productivity Trends from 2000 to 2010. BLS Spotlight on Statistics, March, 2013

Current Research Projects/Working Papers

- Labor supply elasticity of registered nurses before and after the Covid-19 pandemic
- Burden Factors associated with Family and Medical Leave Act: Evidence from the Wave 4 Survey
- Creation and Destruction of Union Membership and Revenue

Teaching Experience

Senior Lecturer

University of Maryland
June 2022 – Present

Econ 645: Econometric Analysis

- Responsible of developing curriculum and original notes and slides for topics in econometrics, in-class activities, and examinations

- Developed a website using Markdown with Stata and R for online access for teaching econometrics in Stata

Econ 642: Applied Topics in Macroeconomics

- Responsible of developing curriculum and original notes and slides for topics in macroeconomics, in-class activities, and examinations
- Reviewing relevant recent literature on applied topics in macroeconomics

Econ 672: Program Analysis and Evaluation

- Responsible of developing curriculum and original notes and slides for causal inference, in-class activities, and examinations
- Developed original program evaluation examples from DOL administrative data
- Edited Stata scripts for various causal inference methodologies and maintained course content on GitHub

Statistician

U.S. Department of Labor
2016-2022

Introduction to Stata

- Developed original content for introductory topics for Stata
- Developed data management techniques for Stata for proper workforce analysis
- Provided in person assistance for trainees

Introduction to the Current Population Survey

- Developed original content for introductory topics on the Current Population Survey for analysts and leadership
- Provided insights into the strengths and weaknesses of the survey

Presentations

Rowe, S.R. (2024). Medical student education evaluation. *Health Academy Annual Research Meeting*.

Rowe, S.R. (2019). Using the CPS to answer DOL-relevant questions: Applications in R. *GASP Conference*.

Rowe, S.R. (2019). Constructing Confidence Intervals for External Data. *CEO Seminars*.

Rowe, S.R. (2019). Using R Mapping Tools. *CEO Seminars*.

Rowe, S.R. (2018). Using APIs in R. *CEO Seminars*.

Rowe, S.R. (2017). Introduction to difference-in-difference. *CEO Seminars*.

Rowe, S.R. (2016). "Right-to-work" laws on employment and wages. *APPAM 2016 Fall Conference*.

Rowe, S.R. (2016). The impact of "right-to-work" laws on employment and wages. *CEO Seminars*.

Rowe, S.R. (2016). Productivity growth in construction. *BLS OPT Seminars*.

Sveikauskas, L. & Rowe, S.R. (2013). Productivity growth in construction. *NBER Summer Institute*.

Current Research Interests

- Evaluation of health workforce development programs
- "Right-to-Work" laws and labor outcomes
- Evaluation of workforce and compliance programs
- Unionization and health and compliance outcomes

Statistical Language Proficiency

- STATA programming
- R programming
- SPSS programming
- R Shiny development
- Tableau

Professional Memberships

Association of Public Policy and Management – Present
American Economics Association - Present

References

C.J. Krizan - Director of CEO Analytics
202-617-5711
Krizan.Cornell.J@dol.gov

Christina Yancey - US DOL Chief Evaluation Officer
202-693-5910
Yancey.Christina.L@dol.gov

Scott Gibbons - US DOL Chief Data Officer
202-693-5075
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Kuang-chi Change - CEO Senior Evaluation Specialist
202-693-5992
Chang.Kuang-chi@dol.gov