ELLIS SCHARFENAKER

Department of Economics, University of Utah

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EMPLOYMENT

Department of Economics, University of Utah *2022-*
Associate Professor

Department of Economics, University of Utah *2018-2022*
Assistant Professor

Department of Economics, University of Missouri, Kansas City *2015-2018*
Assistant Professor

Eugene Lang College, The New School *2013-2015*
Instructor

EDUCATION

The New School for Social Research, New York, NY *2015*
PhD Economics

The Evergreen State College, Olympia, WA *2007*
B.A. Political Economy

PUBLICATIONS

Journal Articles

- "Measures of firm performance and concentration: stylized facts and a dilemma of data reproduction", with Jan Weber. 2023, *Economics Letters.*

- "Statistical Equilibrium Methods in Analytical Political Economy," 2021. *Journal of Economic Surveys.*

- "Implications of Quantal Response Statistical Equilibrium," 2020, *Journal of Economic Dynamics and Control.* 119.

- "Maximum Entropy Economics," with Jangho Yang, 2020, *European Physics Journal Special Topics.* 229(9).

- "Mixing it up: The Case for Finite Mixture Models to Study the Distribution of Income," with Markus P. Schneider, 2020, *European Physics Journal Special Topics.* 229(9).

- "Competition, self-organization, and social scaling—accounting for the observed distributions of Tobin's q," with Paulo L. dos Santos, 2019, *Industrial and Corporate Change*, 28(6).

- "Quantal Response Statistical Equilibrium in Economic Interactions: Theory and Estimation," with Duncan K. Foley, 2017, *Entropy.* 19(9).

- "A Statistical Equilibrium Approach to the Rate of Profit," with Gregor Semieniuk, 2016, *Metroeconomica.* 68(3).

- "The Distribution and Regulation of Tobin's Q," with Paulo L. dos Santos, 2015, *Economics Letters.* Vol. 137, pp. 191-194.

Book Chapters

- "Labor Market Segmentation and the Distribution of Income: New Evidence from Internal Census Bureau Data," with Markus P. Schneider, 2022. *The Great Polarization: Economics, Institutions and Policies in the Age of Inequality.* Ed. by Joseph E. Stiglitz and Rudi von Arnim, Cambridge University Press.

- "A Bayesian Mixture Model for Filtering Firms' Profit Rates," with Gregor Semieniuk, 2015, *Bayesian Statistics from Methods to Models and Applications*, Springer Proceedings in Mathematics & Statistics. Ed. by S. Frühwirth-Schnatter, A. Bitto, G. Kastner, and P. A. Springer, Switzerland. Peer Reviewed.

Policy Briefs

- "Appraising and Implementing Econometric Approaches for State Agency Budget Forecasting," Prepared for The Utah Department of Human Services Division of Services for People with Disabilities. Economic Evaluation Unit, Department of Economics, University of Utah. June 2022.

Non Peer-Reviewed Publications

- "Maximum Entropy Economics: Where do we Stand?" with Jangho Yang, 2020, *European Physics Journal Special Topics.* 229(9). Editorial.

- "New Classical Economics: Theory in the Slipstream of Neoliberalism," January 2012. *The New School Economic Review 5(1).*

Under Review

- "Reconsidering the Neutrality of Money: A Statistical Equilibrium Model of the Labor Market", with Duncan K. Foley. *Metroeconomica.*

CURRENT RESEARCH

Working Papers

- "Reconsidering the Neutrality of Money: A Statistical Equilibrium Model of the Labor Market", with Duncan K. Foley. *University of Utah Department of Economics*, Working Paper No. 2023-02.

- "Measures of firm performance and concentration: stylized facts and a dilemma of data reproduction", with Jan Weber. *University of Utah Department of Economics*, Working Paper No. 2022-03.

- "Unfulfilled Expectations and Labor Market Interactions: A Statistical Equilibrium Theory of Unemployment", with Duncan K. Foley. *University of Utah Department of Economics*, Working Paper No. 2021-03.

- "Demand Drives Growth All The Way," with Lance Taylor, Duncan Foley, Armon Rezai, Özlem Ömer, and Luiza Pires. *Schwartz Center for Economic Policy Analysis (SCEPA)*, Working Paper No. 4. The New School for Social Research.

In Progress

- *Making Statistics Work: Information Theory and Bayesian Statistical Inference*, Book Manuscript with with Duncan K. Foley.

TEACHING EXPERIENCE

Department of Economics, University of Utah

· *ECON 7800: Econometrics 1*
· *ECON 7003: Political Economy 1*
· *ECON 7600: History of Economic Doctrines 1*

- *ECON 7960: Bayesian Statistics*
- *ECON 5060/6060: History of Economic Doctrines*
- *ECON 6630: Applied Econometrics*

Department of Economics, University of Missouri, Kansas City

- *ECON 302: Intermediate Microeconomics*
- *ECON 5502: Advanced Microeconomics*
- *ECON 5525: Econometric Methods*
- *ECON 5529: Seminar in Bayesian Econometrics*

Eugene Lang College, The New School

- *LECO 3011: Political Economy of Poverty and Inequality*
- *LECO 2002: The Political Economy of Growth and Distribution*

RESEARCH EXPERIENCE

The Economic Evaluation Unit   2022
Budget Forecaster   *University of Utah, Department of Economics*

- Budget forecasting for The Utah Department of Human Services Division of Services for People with Disabilities.

The United States Census Bureau   2017 -
Researcher   *Research Data Center (RDC), Boulder, CO/Wasatch Front*

- "Labor Market Segmentation and the Distribution of Income" with Markus P. Schneider and Paulo L. dos Santos. Proposal #1882.

The Institute for New Economic Thinking (INET)   2014 - 2015
Research Assistant   *New York, NY*

- "Research Project on Sustainability, Distribution, and Stability" with Duncan Foley and Lance Taylor.

Demos   December 2013
Econometric Consultant   *New York, NY*

- Econometric analysis for the publication "The Debt Disparity: What Drives Credit Card Debt in America?"

DEPARTMENT SERVICE

- Director of Graduate Studies (2023-).

- University of Utah Econometrics Track Representative for the Masters in Statistics (MSTAT) (2019-)

- Member of PhD program committee (2021-).

- Member of hiring committee (2021).

- Core member University of Utah Center for Data Science (2021-)

- Dissertation Supervisor:

  - Bruno Theodosio

- Faculty committee dissertation member:

- – Placede Tshiaba (Math)
- Faculty member/chair of completed dissertations:
  - – Jan Weber (2023), "The Complexity in Firm Performance Indicator and Market Power." University of Utah. Chair.
  - – Daniel Ossa-Hernandez (2023). "Neoliberalism, Income Distribution, and the Financialization of the US Economy: A Political Economy Approach."
  - – Doguhan Sundal (2022), "Dynamics of Competition and Accumulation in the US: a QRSE approach." University of Utah. Chair.
  - – Juan Melo (2022), "Essays on Statistical Equilibrium and Competition in Local Public Goods." Université Paris 1 Panthéon-Sorbonne.
  - – Keith Blackwell (2018), "Entropy Constrained Behavior in Financial Markets: A Quantal Response Statistical Equilibrium Approach to Financial Modeling." The New School for Social Research.
  - – Andrew Reeves Johnson (2018), "Essays on Investment Stagnation and Financialization." University of Missouri, Kansas City.
  - – Brandon McCoy (2020), "Labor Market Outcomes and Employment Policy." University of Missouri, Kansas City.
  - – Joeseph Ballengeer (2020), "Income Inequality, Household Borrowing, and the Business Cycle." University of Missouri, Kansas City.
  - – Natalie June Kane (2020), "An Interdisciplinary Health Disparities Research and Intervention Strategy Applied to the Problem of Pediatric Asthma in Kansas City." University of Missouri, Kansas City.
  - – Gabriel Pleités Lemus (2020), "Wage Inequality and Policy in the US Unionized Construction Industry From 1907-2012." University of Utah.
- Faculty committee member of five completed MSTAT thesis.
- Chair of one completed MSTAT thesis.

GRANTS

Awarded

- 2023 - One Utah Data Science Hub Seed Grant - ($21.000)
- 2021 - Marriner S. Eccles Institute for Economics and Quantitative Analysis ($2500)

Not Awarded

- 2019 - Washington Center for Equitable Growth ($74,000)
- 2019 - Russell Sage Foundation ($50,000)
- 2017 - Russell Sage Foundation ($75,000)

AWARDS AND HONORS

- Faculty Fellow Award: A semester of full release time (from teaching and administrative tasks) at full salary to tenure-line faculty for scholarly/creative projects OR to support pilot studies for external funding proposal submissions. Spring 2023.

- College of Social and Behavioral Science Junior Faculty Research Leave Award, *The University of Utah*, Fall 2020.

- Edith Henry Johnson Memorial Award In Economics, Civil Affairs, and Education, Dissertation Award, *The New School for Social Research*, 2015.

- Graduate Fellowship, *Info-metrics Institute, American University*, Summer 2014. Financial award for dissertation work.

- David M. Gordon Dissertation Fellowship, *The New School for Social Research*, One year financial award for dissertation work. Awarded to two out of, on average, eighty PhD students in the Economics Department each year.

- The Dean's Fellowship, *The New School for Social Research*, Full tuition fellowship awarded for duration of PhD study. Awarded to two out of, on average, eighty PhD students in the Economics Department each year.

- 2014 Teaching Fellowship at the *Eugene Lang College of Liberal Arts at the New School*, Fellowship for independent course design and instruction. Awarded to two PhD students in 2014.

- 2013 Teaching Fellowship at the *Eugene Lang College of Liberal Arts at the New School*, Fellowship for independent course design and instruction. Awarded to one PhD student in 2013.

- Qualified with honors in the field of Political Economy, The New School for Social Research, Fall 2013.

- Qualified with honors in the field of Econometrics, The New School for Social Research, Spring 2014.

INVITED TALKS

- May 2021, Chemnitz University of Technology, Germany. Research Seminar

- June 2019, Asian Meeting of the Econometric Society, Xiamen China. Invited session on Info-metrics

- Fall 2018, University of Utah Department of Applied Mathematics Seminar

- Spring 2017 UMKC Department of Mathematics and Statistics Colloquia

- Fall 2016 UMKC Department of Mathematics and Statistics Colloquia

- Fall 2016 UMKC Department of Physics Colloquia

PRESENTATIONS

- 2024 ASSA Conference.

- 2021 Entropy: The Scientific Tool of the 21st Century

- 2021 Info-Metrics Spring Workshop: Recent Advances in Info-Metrics Research

- 2019 Eastern Economic Association Annual Conference

- Fall 2018, *The Great Polarization*, University of Utah

- 2017 Eastern Economic Association Annual Conference

- 2016 Post Keynesian Conference - UMKC

- 2016 Eastern Economic Association Annual Conference

- 2015 Eastern Economic Association Annual Conference

- 2014 Info-metrics Graduate Students Fellows Workshop

- 2014 Social Science History Association Annual Conference

- 2014 Eastern Economic Association Annual Conference

- 2013 Economics, Finance, and Business (EFaB) at Bayes 250, International Society for Bayesian Analysis (ISBA), *Duke University, NC*

- 2013 SCEPA Graduate Workshop, The New School for Social Research

- 2013 Eastern Economic Association Annual Conference. *New York, NY*

- 2012. New School-Umass Economics Graduate Student Workshop

- 2012 SUNY Binghamton Graduate Student Conference in Sociology

- 2012 Eastern Economic Association Annual Conference.

- 2008 Graduate Center, University of Colorado.

REVIEWER/REFEREE

Metroeconomica, Proceedings of the Royal Society A, University of Chicago Press, Economics Letters, Journal of Cleaner Production, European Physical Journal Special Topics, Journal of Economic Dynamics and Control, Journal of Economic Dynamics and Control, Advances in Complex Systems, Entropy, European Physical Journal Special Topics, The Cambridge Journal of Economics, Journal of Economic Surveys, Structural Change and Economic Dynamics, Review of Radical Political Economics, Journal of Economic Interaction and Coordination, Review of Political Economy

SUMMER SCHOOLS

Info-metrics Institute, American University, Washington D.C.	*2013*
New Economics Summer Institute, Boston College, Boston, MA.	*2012*
Minsky Summer Seminar, Levy Institute, Bard College, New York.	*2012*
Post Keynesian Summer School, IMK, Berlin, Germany.	*2011*
Summer Seminar in Marxian Economics, University of Massachusetts, Amherst, MA.	*2011*

LANGUAGES

English: native, Spanish: proficient

MEMBERSHIPS

- The Econometric Society

- The American Economic Association (AEA)

- Union for Radial Political Economics (URPE)

- The Eastern Economic Association (EEA)

- International Society for Bayesian Analysis (ISBA)