

## ANASTASIA SEMYKINA - Curriculum Vitae

Charles and Joan Haworth Professor  
Department of Economics  
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### Research interests

- Theoretical and Applied Econometrics
- Labor Economics
- Economics of Education
- Transition Economies
- Economics and Psychology

### Education

- Ph.D. in Economics, Michigan State University, 2006
- M.A. in Economics, Center for Economic Research and Graduate Education - Economics Institute (CERGE-EI), Prague, Czech Republic, 2001
- Specialist in Economics (with Honors), Ural State University, Ekaterinburg, Russia, 1998
- Bachelor in Economics (with Honors), Ural State University, 1997

### Professional Experience

- Charles and Joan Haworth Professor of Economics, August 2018 - present
- Associate Professor, Charles and Joan Haworth Scholar in Economics, Florida State University, August 2012 - July 2018
- Assistant Professor of Economics, Florida State University, August 2006 - July 2012

### Published and forthcoming papers in refereed journals

1. Comparative cost-effectiveness of radiotherapy among older women with hormone receptor positive early-stage breast cancer (with Askal Ayalew Ali, Rima Tawk, Hong Xiao, Anastasia Semykina, Alberto J. Montero, Richard K. Moussa, Olayiwola Popoola & Vakaramoko Diaby), *Expert Review of Pharmacoeconomics & Outcomes Research*, 2022, vol. 22, no. 5, pp. 735-741.
2. Estimation of Teacher Value Added in the Presence of Missing Data (with Niu Gao), *Journal of Research on Educational Effectiveness*, 2021, vol. 14, no. 3, pp. 676-695.

3. Competition Effects of Charter Schools: New Evidence from North Carolina (with Niu Gao), *Journal of School Choice*, 2021, vol. 15, no. 3, pp. 393-416.
4. Comparative effectiveness of radiotherapy for early-stage hormone receptor-positive breast cancer in elderly women using real-world data (with Askal A. Ali, Rima Tawk, Hong Xiao, Ellen Campbell, Alberto Montero, Muluberhan Mogos, and Vakaramoko Diaby), *Cancer Medicine*, January 2019, vol. 8, no. 1, pp. 117-127.
5. Self-Employment among Women: Do Children Matter More Than We Previously Thought? *Journal of Applied Econometrics*, April/May 2018, vol. 33, no. 3, pp. 416-434.
6. Estimating Binary Response Panel Data Models with Sample Selection (with Jeffrey M. Wooldridge), *Journal of Applied Econometrics*, March 2018, vol. 33, no. 2, pp. 179-197.
7. An Experimental Study of Democracy Breakdown, Income and Inequality (with Dmitry Ryvkin), *Experimental Economics*, June 2017, vol. 20, no. 2, pp. 420-447.
8. Comparison of Health Utility Weights Among Elderly Patients Receiving Breast-Conserving Surgery Plus Hormonal Therapy with or without Radiotherapy (with Askal Ayalew Ali, Hong Xiao, Rima Tawk, Ellen Campbell, Alberto J. Montero and Vakaramoko Diaby ), *Current Medical Research and Opinion*, February 2017, vol. 33, no. 2, pp. 391-400.
9. The default of special district financing bonds: community facilities (Mello-Roos) bonds in California (with Anna Racheva-Sarabian and Dmitry Ryvkin), *Journal of Housing Economics*, March 2015, 27, pp. 37-48.
10. Value-added models and the measurement of teacher productivity (with Douglas Harris and Tim R. Sass), *Economics of Education Review*, February 2014, vol. 38, pp. 9-23.
11. Economic security and democratic capital: Why some democracies survive and others fail (with Thomas D. Jeitschko, Susan J. Linz and Jose Noguera), *Journal of Behavioral and Experimental Economics*, June 2014, vol. 50, pp. 13-28.
12. Job Satisfaction and Perceived Gender Equality in Advanced Promotion Opportunities: An Empirical Investigation (with Susan J. Linz), *Kyklos*, November 2013, vol. 66, no. 4, pp. 591-619.
13. Job satisfaction, expectations, and gender: Beyond the European Union (with Susan J. Linz), *International Journal of Manpower*, 2013, vol. 34, no. 6, pp. 584-616.
14. Estimation of dynamic panel data models with sample selection (with Jeffrey M. Wooldridge), *Journal of Applied Econometrics*, 28(1), January/February 2013, pp. 47-61.
15. What Makes Workers Happy? Anticipated Rewards and Job Satisfaction (with Susan J. Linz), *Industrial Relations*, October 2012, 51(4), pp. 811-844.
16. Specification tests and tests for overidentifying restrictions in panel data models with selection, *Economics Letters*, 115(1), April 2012, 53-55.
17. An empirical examination of stakeholder groups as monitoring sources in corporate governance (with Cassandra R. Cole, Enya He, Kathleen A. McCullough and David

- W. Sommer). *Journal of Risk and Insurance*, September 2011, vol.78, no. 3, pp. 703-730.
18. Personality and performance: A comparative analysis of workers in transition economies (with Susan J. Linz), *Personality and Individual Differences*, August 2011, vol. 51, no. 3, pp. 293-301.
  19. Perceptions of economic insecurity: Evidence from Russia (with Susan J. Linz), *Economic Systems*, December 2010, vol. 34, iss. 4, pp. 357-385.
  20. Estimating panel data models in the presence of endogeneity and selection (with Jeffrey M. Wooldridge), *Journal of Econometrics* 157, August 2010, pp. 375-380.
  21. Analyzing the gender pay gap in transition economies: How much does personality matter? (with Susan J. Linz) *Human Relations*, April 2010, vol. 63, no. 4, pp. 447-469 (lead article).
  22. Personality traits as performance enhancers? A comparative analysis of workers in Russia, Armenia and Kazakhstan (with Susan J. Linz), *Journal of Economic Psychology*, February 2009, v. 30, iss. 1, pp. 71-91.
  23. How do workers fare during transition? Perceptions of job insecurity among Russian workers, 1995-2004, (with Susan J. Linz), *Labour Economics*, June 2008, v. 15, iss. 3, pp. 442-458.
  24. Attitudes and performance: An analysis of Russian workers (with Susan J. Linz), *Journal of Socio-Economics*, April 2008, v. 37, iss.2, pp. 694-717.
  25. Gender differences in personality and earnings: Evidence from Russia (with Susan J. Linz), *Journal of Economic Psychology*, June 2007, v. 28, iss. 3, pp. 387-410.

### **Other publications**

- Censored least absolute deviations estimator: CLAD (with Dean Jolliffe and Bohdan Krushelnytsky), *Stata Technical Bulletin*, STB-58: 13-16, 2000
- Robust standard errors for the Foster-Greer-Thorbecke class of poverty indices (with Dean Jolliffe), *Stata Technical Bulletin*, STB-51: 34-36, 1999

### **Working papers and work in progress**

- Estimating Heterogeneous Effects in Static Binary Response Panel Data Models, revise and resubmit at *Econometric Reviews*.
- Semiparametric Least Squares Estimator of Binary Choice Panel Data Models with Endogeneity (with Yimeng Xie, Cynthia Yang, and Qiankun Zhou), revise and resubmit at *Oxford Bulletin of Economics and Statistics*.
- Estimation of a Binary Response Dynamic Panel Data Model with Attrition (with Alyssa Carlson).
- Estimating Spacial Panel Data Models with Sample Selection (with Cynthia Yang).
- Project on the stability of risk preferences under the threat of bankruptcy (with Sean Collins, R. Mark Isaac, Duncan James, and Jerome Lahaye).
- Self-Employment in Times of Economic Downturn: Evidence from the Recent Crisis (with Spencer Wilkins).

## Presentations

- Southern Economic Association Meetings, New Orleans, LA, November 2020 (virtually)
- Latin American Meeting of the Econometrics Society, Puebla, Mexico, November 2019
- Midwest Econometrics Group Meeting, Columbus, OH, October 2019
- Southern Economic Association Meetings, Washington, DC, November 2018
- Midwest Econometrics Group Meeting, Madison, WI, October 2018
- Annual Conference of the International Association for Applied Econometrics, Montreal, Canada, June 2018
- Association for Education Finance and Policy Annual Conference, Portland, OR, March 2018
- Southern Economic Association Meetings, Tampa, FL, November 2017
- Association for Education Finance and Policy Annual Conference, Washington, DC, March 2017
- Midwest Econometrics Group Meeting, Urbana-Champaign, IL, October 2016
- 3rd Annual Conference of the International Association for Applied Econometrics, Milan, Italy, June 2016
- Association for Education Finance and Policy Annual Conference, Denver, CO, March 2016
- Southern Economic Association Meetings, New Orleans, LA, November 2015
- FSU-OCC Real Estate Symposium, Tallahassee, FL, April 2014
- Southern Economic Association Meetings, Tampa, FL, November 2013
- Midwest Econometrics Group Meeting, Bloomington, IN, October 2013
- 19th International Panel Data Conference, Cass Business School, Centre of Econometric Analysis, London, United Kingdom, July 2013.
- Workshop on Empirical Methods in Public Economics, Max Planck Institute for Tax Law and Public Finance, Munich, Germany, March 2012.
- Latin American Meeting of the Econometrics Society, Santiago, Chile, November 2011
- Association for Education Finance and Policy Annual Conference, Seattle, WA, March 2011
- Midwest Economics Association Meetings, St. Louis, MO, March 2011
- The 2008 World Congress on National Accounts and Economic Performance Measures for Nations, Washington, DC, May 2008
- Southern Economic Association Meetings, New Orleans, November 2007
- North American Summer Meetings of the Econometric Society, Durham, NC, June 2007
- International Conference on Labor Markets in Transition and Developing Economies, Ann Arbor, MI, May 2007

- Midwest Economics Association Meetings, Minneapolis, MN, March 2007
- Midwest International Economics and Economic Theory Meetings, Michigan State University, East Lansing, MI, April 2006
- Royal Economic Society First Ph.D. Presentation Meeting, London School of Economics, London, United Kingdom, January 2006
- ASSA Annual Meeting, Boston, MA, January 2006
- Fifteenth Annual Meeting of the Midwest Econometric Group, Southern Illinois University, Carbondale, IL, October 2005
- Red Cedar Conference, Michigan State University, East Lansing, MI, April 2005
- Seventh Spring Meeting of Young Economists, Paris, France, April 2002
- Twelfth Summer School of the European Economic Association, Forth IZA European Summer School in Labor Economics, Buch, Germany, September 2001

### Invited seminars

- Estimating Heterogeneous Effects in Static Binary Response Panel Data Models. Presented at the University of Missouri, Columbia, MO, March 2022
- Estimating Heterogeneous Effects in Static Binary Response Panel Data Models. Presented at Chapman University, Orange, CA, February 2022
- Estimating Heterogeneous Effects in Binary Response Panel Data Models. Presented at the University of North Carolina, Charlotte, NC, September 2019
- New Evidence on the Impact of Charter Schools on Student Outcomes in Traditional Public Schools (with Niu Gao). Presented at Drexel University, Philadelphia, PA, May 2018.
- New Evidence on the Impact of Charter Schools on Student Outcomes in Traditional Public Schools (with Niu Gao). Presented at Virginia Commonwealth University, Richmond, VA, November 2017.

### Referee

*Journal of Econometrics, Journal of Applied Econometrics, Econometric Reviews, Econometric Theory, Econometrics Journal Journal of Econometric Methods, Economics Letters, Economics of Education Review, Journal of Economic Behavior and Organization, Journal of Finance, Experimental Economics, Journal of Economic Psychology, Economic Modeling, Personality and Individual Differences, Contemporary Economic Policy, Journal of the Operational Research Society, Journal of Socio-Economics, Review of Economics and Statistics, Journal of Business and Economic Statistics, Economic Inquiry, Labour Economics, Human Relations, Journal of the American Statistical Association, Journal of Interactive Marketing, Economic Systems, Southern Economic Journal, Education Economics, Feminist Economics, Applied Psychology: An International Review, Economics of Transition, Comparative Economic Studies, Criminology, Journal of Asia-Pacific Business, Oxford Bulletin of Economics and Statistics, Oxford Economic Papers, Empirical Economics, Journal of*

*Economic Education, Economics and Human Biology (Educational Researcher), Empirical economics, International Journal of Manpower, Statistical Methods in Medical Research it British Journal of Industrial Relations Educational Assessment European Journal of Population Journal of Economic Surveys Surgical Oncology The Manchester School*

### **Research positions held**

- Junior Researcher at the Economics Institute, Academy of Sciences, Prague, Czech Republic, 2000-2002. Responsibilities: conducting research on labor markets in transition
- Research assistant to Dean Jolliffe, CERGE-EI, 1998-2000. Responsibilities: programming in STATA

### **Teaching**

- Econometric Methods for Panel Data (graduate), Florida State University
- Applied Econometrics (graduate), Florida State University
- Introduction to Econometrics (undergraduate), Florida State University
- Intermediate Microeconomics (undergraduate), Florida State University
- Mathematical Applications in Economics (graduate), Michigan State University
- Introductory Microeconomics (undergraduate), Michigan State University
- Intermediate Microeconomics (undergraduate), Michigan State University
- Math Review for incoming Ph.D. students in Economics, Michigan State University

### **Doctoral Committee**

- Iryna Mills (FSU Economics, member)
- Cayman Seagraves (FSU Department of Finance, member)
- Gabriela Caceres (FSU Economics, member)
- Spencer Barnes (FSU Department of Finance, member; graduated in Spring 2022)
- Brandon Mendez (FSU Department of Finance, member; graduated in Spring 2022)
- Lu Qin (FSU Department of Finance, member; graduated in Summer 2021)
- Yixin Liu (FSU Department of Public Administration, member; graduated in Spring 2022)
- James Freeland (FSU Economics, member; graduated in Fall 2021)
- Audrieanna Burgin (FSU Economics, member; graduated in Summer 2021)
- Ellis Magee (FSU Economics, member; graduated in Summer 2021)
- Andrew Schrowang (FSU Department of Finance, member; graduated in Summer 2021)
- Hayley Spencer (FSU College of Education, member; graduated in Summer 2021)

- Jason Baron (FSU Economics, member; graduated in Spring 2020)
- Cullen Wallace (FSU Economics, member; graduated in Spring 2020)
- Hugo Montesinos (FSU Economics, member; graduated in Summer 2019)
- Aihua Wang (FSU College of Education, member; graduated in Fall 2019)
- Matthew Pierson (FSU Department of Finance, member; graduated in Spring 2019)
- Zhiqian Jiang (FSU Department of Finance, member; graduated in January 2019)
- Kitchka Petrova (FSU College of Education, member; graduated in Spring 2018)
- Joseph Duff (FSU Economics, member; graduated in Summer 2017)
- Kevin Willardsen (FSU Economics, member; graduated in Summer 2017)
- Taek Hyung Kim (FSU College of Education, member; graduated in Spring 2017)
- Askal Ali (FAMU College of Pharmacy and Pharmaceutical Sciences, member; graduated in Spring 2016)
- Brian Meehan (FSU Economics, member; graduated in Summer 2015)
- Rosemarie Fike (FSU Economics, member; graduated in Summer 2015)
- Alice Crisp (FSU Economics, member; graduated in Fall 2015)
- Mark A. Partridge (FSU Economics, chair; graduated in Fall 2013)
- Jeffrey Gough (FSU Economics, member; graduated in Fall 2014)
- Andrew Smyth (FSU Economics, member; graduated in Summer 2014)
- Daniel Bennett (FSU Economics, member; graduated in Spring 2014)
- D. Ryan Miller (FSU Public Administration, member; graduated in Summer 2012)
- Agustin Leon-Moreta (FSU Public Administration, member; graduated in Summer 2013)
- Niu Gao (FSU College of Education, member; graduated in Summer 2012)
- Neha Nanda (FSU Economics, member; graduated in Summer 2011)

#### **Master's Thesis Committee**

- Spencer Wilkins (FSU Economics, chair; defended in Summer 2015)

#### **Undergraduate Honors Thesis Committee**

- Samantha Kunin ((FSU Economics, chair; defended in Spring 2019)
- Christine Catania (FSU Economics, chair; defended in Spring 2018)
- Adam Corson (FSU Economics, chair; defended in Spring 2018)
- Spencer Wilkins (FSU Economics, chair; defended in Spring 2014)
- Matthew Kozak (FSU Economics, member; defended in 2008)

#### **Directed Individual Study**

- Michael Clark (graduate, FSU Economics, Fall 2013)
- Robert Camacho (undergraduate, FSU Economics, Fall 2012)

## **Other**

- Nominated for the Undergraduate University Teaching Award, Spring 2014, 2020
- Nominated for the Graduate University Teaching Award, Spring 2014, 2016-2021
- Nominated for the Thesis Mentor Award, Spring 2018
- Presented at the Economic Research Workshop (FSU), presentation title “Using Statistical Software to Perform Empirical Analysis,” September 2015, October 2017

## **Service**

- Chair of the Undergraduate Committee, Fall 2012 - present
- Annual Evaluations Committee, Spring 2022
- Promotion and Tenure Standards Committee, Spring 2020 - Spring 2022
- Executive Committee, Fall 2012 - Spring 2014, Fall 2015 - Summer 2019
- Faculty Senate, Spring 2019 - Spring 2021
- COSSPP Policy and Academic Affairs Committee Fall 2019 – Spring 2021
- Academic Policy Committee, 2013-2014
- Recruitment Committee, 2011-2012, 2017-2018, 2019-2020, Summer 2021
- Quantitative Workshop Organizer, Fall 2008, Spring 2009, Fall 2010, Spring 2011, Fall 2011, Spring 2012, Fall 2012, Fall 2013, Fall 2014

## **Service to the Profession**

- Served as the chair of the Scientific Committee (section “Labor Economics, Education, and Health I”), 7th Annual Conference of the International Association of Applied Econometrics, Spring 2021
- Served as a member of the Scientific Committee, 7th Annual Conference of the International Association of Applied Econometrics, Spring 2020
- Served as a mentor at the Midwest Econometrics Group Mentoring Workshop, 2013, 2016, 2018, 2019

## **Grants and awards**

- Served on the advisory board for project “A Researcher-Practitioner-Partnership to Assess the Impact of COVID-19 on NGSS Implementation,” funded from the National Science Foundation under Grant No. 2128789, June 2021 - May 2022.
- CRC First Year Assistant Professor Grant, FSU, May - August 2007
- U.S. Agency for International Development: WDI - CERGE-EI - USU Think Tank Partnership “New Opportunities for Economic Research and Policy Analysis in Transition Economies,” Grant No. 220/001, partner, 2002-2003
- Performance scholarship (CERGE-EI), Fall 2000, Spring 2001
- Coca-Cola scholarship (CERGE-EI), Fall 1998, Fall 1999