

JESSE LASTUNEN

Pardee RAND Graduate School | 1776 Main St., Santa Monica, CA 90401, USA
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EDUCATION

- 2015–20 **PARDEE RAND GRADUATE SCHOOL**
Ph.D. Candidate in Policy Analysis
Dissertation: “Technological Change and the Skill Premium: 21st Century Evidence“
Committee: Krishna Kumar (kumar@rand.org), Philip Armour, Shanthi Nataraj, Raff Vardavas
Analytical Concentrations in Economics and Quantitative Methods
- 2014–15 **UNIVERSITY OF CHICAGO**
Doctoral Student, Fulbright Scholar in Public Policy
Course Sequences in Political Economy, Microeconomics and Statistics
- 2013–14 **BARCELONA GRADUATE SCHOOL OF ECONOMICS**
Master in Specialized Economic Analysis • GPA: “Excellent”
- 2012–13 **UNIVERSITY OF CAMBRIDGE**
M.Phil. in Technology Policy • Graduated *with Distinction*
- 2011–12 **MASDAR INSTITUTE OF SCIENCE AND TECHNOLOGY** IN COLLABORATION WITH **MIT**
Graduate Student in Engineering Systems and Management • *Certificate of Excellence*
- 2009–11 **TAMPERE UNIVERSITY OF TECHNOLOGY & UNIVERSITY OF TAMPERE**
B.Sc. (Tech.) in Industrial Engineering and Management • Graduated *with Distinction*
Undergraduate Student in International Relations • GPA: “Excellent”

EXPERIENCE

- 2015– **RAND CORPORATION** SANTA MONICA, CALIFORNIA, UNITED STATES
Assistant Policy Researcher • Policy-oriented research alongside with doctoral studies
- 2017–18 (7 months) **INTERNET ASSOCIATION** WASHINGTON D.C., UNITED STATES
Internet Economy Research Fellow • Research on the economic impact of autonomous vehicles
- 2016 (6 months) **OECD, DIRECTORATE FOR SCIENCE, TECHNOLOGY AND INNOVATION** PARIS, FRANCE
External Consultant • Research and literature review on the welfare gains of digital innovations
- 2014–15 (6 months) **TECHNOPOLIS GROUP** TALLINN, ESTONIA
Consultant • Policy evaluation, data collection and analysis
- 2013 (6 months) **PROJECT POLICY LTD** CAMBRIDGE, UNITED KINGDOM
Policy Researcher • Compiling, manipulating and analyzing public socioeconomic data
- 2012 (9 months) **BGATOR LTD** TAMPERE, FINLAND
Consultant • Ramping up international R&D projects, funding proposals, market research
- 2011–12 (8 months) **MASDAR INSTITUTE OF SCIENCE AND TECHNOLOGY** ABU DHABI, UNITED ARAB EMIRATES
Assistant Researcher • “Sociotechnical Sustainable Transitions” group, system dynamics modeling
- 2011 (3 months) **CERN** GENEVA, SWITZERLAND
Researcher • Technology and market research, industry-science relations, project funding
- Short-term consulting **Czech Republic Technology Agency**, evaluation methodology for an R&D funding program (2013)
Microsoft Research Ltd, business implications of changes in European privacy policy (2013)
- Academic activities **Conferences**, CUNY Stone Center Workshop on Socio-Economic Inequalities (New York, NY, 2018), International Conference of the System Dynamics Society (Cambridge, MA, 2017; Delft, 2014), Federal R&D Evaluation: A Design Workshop (Washington DC, 2017), NES-HCEO Summer School on Socio-Economic Inequality (Moscow, 2017), INET Complexity Economics Workshop (Toronto, 2016)
Teaching Assistant, Operations Research I • Pardee RAND Graduate School (2017)
Member, Finnish Economics Association & Fulbright Alumni Association (2014–)
Member, Cambridge Union Society & Wilberforce Society • University of Cambridge (2012–13)

RESEARCH

- Interests
Computing **Labor markets • Science and technology policy • Modeling and simulation • Statistics R • STATA • Matlab • Mathematica • Vensim • Fundamentals in Python & SAS • EndNote**
- 2020 Miller, B., Metz, D., Smith, T.D. & **Lastunen, J.**, *Selecting and Evaluating Case Studies of the Economic Benefits of Research and Services at NIOSH: Case Studies on Personal Dust Monitors for Coal Miners, Improved Ambulance Design, and Amputation Surveillance*, RAND, 2020.
- 2018 **Lastunen, J.**, *Scenarios of the Role of Autonomous Vehicles in Society: Estimating the Net Impact on Professional Driving Jobs*, research report and invited talk, Internet Association, 2018.
Gehlhaus Carew, D., Martin, N., Blumenthal, M., Armour, P. & **Lastunen, J.**, *The Potential Economic Value of Unlicensed Spectrum in the 5.9 GHz Frequency Band: Insights for Future Spectrum Allocation Policy*, RAND Corporation, 2018.
Miller, B., Metz, D., Smith, T.D., Landree, E., **Lastunen, J.** & Nelson, C., *Understanding the Economic Benefit Associated with Research and Services at the National Institute for Occupational Safety and Health: An Approach and Three Case Studies*, RAND Health Quarterly, 2018, 8(1).
- 2017 Chen, J., Kumar, K.B., **Lastunen, J.**, Nataraj, S., Nowak, S. & Carter, P., *Modeling Outcomes Based on Inequality in Labor Earnings: Model Overview and Policy Experiments*, internal report describing a general equilibrium model on the U.S. labor market, RAND Corporation, 2017.
Miller, B., Camm, F., Blumenthal, M., **Lastunen, J.** & Miller, K.W., *Inching Toward Reform: Trump's Deregulation and Its Implementation*, research report, RAND Corporation, 2017.
Silbergliitt, R., **Lastunen, J.**, Lauland, A., Watson, M. & Eusebi, C.A., *Wearable Technologies for Law Enforcement: Multi-functional Vest System Options*, research report, RAND Corporation, Justice Policy Program, National Institute of Justice, 2017.
- 2015 Melin, G., Zuijdam, F., Good, B., Angelis, J., Enberg, J., Fikkers, D.J., Puukka, J., Swenning, A., Kosk, K., **Lastunen, J.** & Zege, S., *Towards a Future Proof System for Higher Education and Research in Finland*, research report, Publications of the Ministry of Education and Culture, Finland, 2015.
Baránek, B., Krottil, K. & **Lastunen, J.**, *Using NOMINATE Scaling to Assess Party Discipline in the Czech Republic*, working paper, 2015.
Lastunen, J., *Eco-Innovation in Finland: 2014-15 Country Profile*, Eco-Innovation Observatory, Directorate-General for the Environment, European Commission, 2015.
- Research
assistance **NCHRP**, *Advancing Automated and Connected Vehicles: Policy and Planning Strategies for State and Local Transportation Agencies*, Research Report 845, The National Academy of Sciences, 2017.
OECD, *Making Innovation Benefit All: Policies for Inclusive Growth*, 2017.

HONORS & AWARDS

- 2014–19 **DOCTORAL STUDIES AND DISSERTATION RESEARCH**
Anne and James Rothenberg Dissertation Award • Pardee RAND Graduate School
Yrjö Jahnsson Foundation Scholarship • University of Chicago & Pardee RAND Graduate School
- 2012–13 **GRADUATE STUDIES**
Fullbright Scholarship • University of Chicago
British Council Scholarship • University of Cambridge
- 2008–13 **ACADEMIC HONORS**
Distinction, ranked first in class • University of Cambridge
Certificate of Excellence for Outstanding Academic Performance • Masdar Institute