Dr. Nathaniel J. Lane

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OFFICE ADDRESS

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http://nathanlane.info http://sodalabs.io

Associate Professor, University of Oxford, Department of Economics **CURRENT**

Tutorial Fellow, Merton College, University of Oxford

PAST Postdoc, Massachusetts Institute of Technology (MIT), 2017 – 2018

Lecturer, Monash University, 2018-2020

Co-Founder, SoDa Laboratories, Monash Business School, 2018-2020

DOCTORAL **STUDIES**

Institute for International Economic Studies, Stockholm University, 2011 – 2017

PhD, Economics, Defended, September 5, 2017

TITLE: "States of Development: Essays on the Political Economy of

Development in Asia." Chair, Torsten Persson.

Special PhD Student, Harvard University, Dept. of Economics, 2013 – 2015

REFERENCES

Daron Acemoglu

Massachusetts Institute of Technology IIES, Stockholm University Morris and Sophie Chang Building

Building E52, Room 446

77 Massachusetts Avenue Cambridge MA 02142

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Torsten Persson

S-106 91 Stockholm

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James A. Robinson University of Chicago Harris School of Public Policy 1155 E 60th St, Chicago, IL 60637 +1 773 702 6364, jamesrobinson@uchicago.edu

PRIOR EDUCATION M.A., Quantitative Methods in the Social Sciences, Columbia University, 2011 B.A., Economics, University of Massachusetts - Amherst, Latin Honours, 2009

FIELDS Primary Fields: Political Economy, Development Economics, Economic History

Secondary Fields: Big Data and High Dimensional Methods, Growth

TEACHING EXPERIENCE

2020 - Masters Research Methods (MA), Monash Business School 2019 - International Economics (MBA), Monash Business School

2017 - The Challenges of World Poverty - Undergraduate, MIT, with Frank Schilbach (for Abhijit Banerjee and Esther Duflo)

2017 - History of Economic Growth - Undergraduate, Harvard University, TA for Melissa Dell

2015 - Big Data, Analysis and Management - Ph.D., Stockholm Doctoral, TA for Lena Hensvik, Peter Mozelius, David Strömberg

2013 - Econometrics II - Ph.D., Stockholm Economics Doctoral Program, TA for David Strömberg

RELEVANT POSITIONS

2020 - Senior Lecturer, Monash University

2018 - 2019, Lecturer, Monash University

2018, Co-Founder and Principal Investigator, SoDa Laboratories 2011- 2013, Institute for International Economic Studies, Stockholm

University, Research Assistant

2010 - 2011, Institute for Social and Economic Research and Policy, Columbia University, Research Assistant

2010, National Bureau of Economic Research, Research Assistant 2009 - 2010, Earth Institute, Columbia University, Research Assistant

GRANTS AND AWARDS

2020, ECR Grant (15,000 USD), Columbia University, with Reka Juhasz 2020, (Under review) Austrialian Research Council Discovery Project Grant. 2020, Small Research Grant (10,000 AUD) "Monitoring the Activity of Transnational Elites" - Yves Zenou, Arthur Campbell, Paul Raschky, Weijia Li, Matthew Olckers 2019, Small Research Grant (10,000 AUD), Department of Economics, Monash - "South Korean Labour Unrest" with Changkeun Lee

2018, Early Career Research Grant (30,0000 AUD), Monash Business School - "Forensic Economics of Activist Assassinations."

2018, Startup Grant (5,000 AUD), Monash Business School - "Text-as-Data: Measuring labour unrest with textual data."

2017, Small Research Grant (10,000 AUD), Department of Economics, Monash - "Measuring Trade Policy: A Machine Learning Approach"

2014, Economic History Association, Exploratory Data Grant for Doctoral Students. 2013, Handelsbanken, Hedelius Scholarship

2012, Forum for Asian Studies (Stockholm University), Exploratory Research Grant

RESEARCH PAPERS

"Manufacturing Revolutions - Industrial Policy and Industrialization in South Korea" (Working Paper)

My project studies the impact of industrial policy on industrial development by exploring a canonical East Asian intervention. Following a political crisis in 1972, South Korea dramatically altered its development strategy with a new sector-specific policy: the Heavy Chemical and Industry (HCI) drive. With newly digitized data, I use the sharp introduction and withdrawal of the targeted policy to study its impacts. (1) I show HCI successfully promoted the evolution of directly treated industries. Next I provide evidence for two key justifications of industrial policy: network and dynamic externalities. (2) Using variation in exposure to policies through the inputoutput network, I show HCI indirectly benefited (non-treated) downstream industry. (3) Finally, I show both direct and indirect benefits of HCI persist even after the policy is withdrawn, following the 1979 assassination of President Park.

(2018) "The Historical State, Local Collective Action, and Economic Development in Vietnam" – *Econometrica*, 86(6), 2083–2121. with Melissa Dell (Harvard) and Pablo Querubin (NYU).

(2020) "The New Empirics of Industrial Policy – *J Ind Compet Trade* 20, 209–234.

IN PROGRESS

Information is Power - Monopoly Power, Information Technology, and the Rise of the Digital State - with Weijia Li

Seeing the Digital State - Measuring the Digital Capacity of the State with 1 Trillion Internet Observations - with Klaus Ackerman, Simon Angus, Weijia Li, and Paul Raschky

Returns to Repression - Firm Asset Price Responses to Activist Assassinations in Resource Rich Economies - with David Kreitmeir and Paul Raschky

Democratization, Labor Repression, and Manufacturing Development in South Korea - with Daron Acemoglu and Changkeun Lee

The Impact of Export Promotion Policy on South Korean Industrialization - with Changkeun Lee and Krisztina Orban

Building a New Export Industry: Evidence from Vietnam's Electronics Industry Policy - with Dung Le and Krisztina Orban

Workers of the World, Unite: The Economic Effects of Labor Day Demonstrations in Europe - with Andreas Madestam and David Yanagizawa-Drott

PROFESSIONAL ACTIVITIES

Presentations & Invited Talks

SOIE Conference (cancelled for COVID) 2020

Intl. Economic Association Meetings, Bali IN (cancelled for COVID) 2020

ANU, Crawford School, 2019

ANU, School of Economics, 2019

Oxford University, Dept. of Economics, Oxford 2019

European Bank for Reconstruction and Development, London, 2019

(Invited) Paris School of Economics, Economic History Seminar, 2019

OzClio - Australian Cliometric Society Workshop, 2019

University of Technology Sydney, Economics Seminar, 2019

University of New South Wales, Economics Seminar, 2019

University of Wollongong, Economics Seminar, 2019

Melbourne University, Econometrics Seminar, 2019

CEP Bertelsmann Stiftung Conference - Industrial Policy in Advanced Economies in

the 21st Century, London School of Economics, 2019

Industrial Policy and Blended Finance Conference, Geneva Graduate Institute, 2018

(Invited) Asian Economic History Conference, 2018

American University, Trade and Development Seminar, 2018

Washington Area Economic History Seminar, George Mason University, 2018

Seoul National University, Applied Economics Seminar, 2017

Korean Development Institute, Workshop, 2017

MIT, Department of Economics, Political Economy Lunch, 2017

NEUDC. Tufts University, 2017

Monash University, Department of Economics, 2017

IMT School for Advanced Studies, Lucca, Italy, 2017

Northwestern University, Kellogg School of Management, 2017

University of Massachusetts – Amherst, Department of Economics, 2017

University of British Columbia, Vancouver School of Economics, 2017

Spanish Economic Association meetings, Bilbao, Spain, 2016

Econometric Society European Winter meetings, Edinburgh, Scotland, 2016

Stockholm School of Economics, MicroWave Seminar, 2016

Stockholm University Brown Bag Seminar, Department of Economics, 2016

ASWEDE Workshop, Stockholm School of Economics, 2016

PROFESSIONAL ACTIVITIES (CONT.)

(Talks continued.)

OXDEV, Centre for Studies of African Economies, Oxford University, 2016 CIFAR, Institutions, Organizations & Growth meetings, 2015 NBER Summer Institute, Development of the American Economy group, 2015 Harvard Development Economics Tea, Harvard University, 2015 Harvard Economic History Tea, Harvard University, 2015

Refereeing

Econometrica (2), Review of Economic Studies (3), Economic Journal (2), Review of Economics and Statistics (3), Journal of the European Economic Association (3), Journal of Development Economics (2), World Bank Economic Review (3), Journal of Industrial Economics, World Trade Organization (WTO), Review of Economic History, Scandinavian Journal of Economics, Economics of Transition (2), World Politics, Comparative Politics, Economics & Politics.

Graduate Student Supervision

PhD Students

Ola Olamide Ayoada-Alabi (Monash Economics PhD); David Kreitmeir (Monash Economics PhD); Thi Phuong Dung Le (Monash Economics PhD)