Danial Lashkari

Contact Information

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Research Interests

Economic Growth, International Trade, Economics of Innovation, Bayesian Econometric Methods, Machine Learning.

Positions

Boston College, Newton, MA

Assistant Professor of Economics, Jul. 2018–

Yale University, New Haven, CT

Cowles Foundation Postdoctoral Fellow, Jul. 2017–Jul. 2018.

Organisation for Economic Cooperation and Development (OECD), Paris, France
Structural Policy Division

Visiting Researcher, May 2017–Jul. 2017.

Massachusetts Institute of Technology, Cambridge, MA
Computer Science and Artificial Science Laboratory (CSAIL)

Postdoctoral Associate, Jun. 2011–Sep. 2011.

Education

Harvard University, Cambridge, MA

Ph.D. in Political Economy and Government (Economics), Jun. 2017.

Massachusetts Institute of Technology, Cambridge, MA

Ph.D. in Electrical Engineering and Computer Science, Jun. 2011.
Minor in Theoretical Physics.

University of Tehran, Tehran, Iran

M.Sc. in Electrical Engineering, Sep. 2005.

B.Sc. in Electrical Engineering (with distinction), Sep. 2004.

Working Papers

"Information Technology and Returns to Scale," with Arthur Bauer, 2018.

"Innovation, Knowledge Diffusion, and Selection," 2016.

"Structural Change with Long-run Income and Price Effects," with Diego Comin and Marti Mestieri, 2015.

Work in Progress

"The Structural Transformation of Innovation," with Diego Comin and Marti Mestieri

"How Substitutable Are Products of Different Nations?" with Marti Mestieri.

Honors and Awards

Bradley Fellowship, 2015.

Hewlett Packard Fellowship, Spring 2011.

Honorable Mention for the Francois Erbsmann Prize (runner-up), International Conference on Information Processing in Medical Imaging, Williamsburg, VA, Jul. 2009.

Human Brain Mapping Travel Award, Jun. 2009.

MIT EECS Graduate Alumni Fellowship, 2006.

1st place, Iran National Entrance Exam for M.Sc. Programs in Telecommunications Eng., 2004.

Faculty of Engineering Award, University of Tehran, 2002, 2003.

National Student Award of Innovation, International Khwarizmi Award, Tehran, Iran, 1998.

Seminars

2018 Columbia, Yale, Dartmouth, Academia Sinica (SAET), ITAM (SED), INSEE (scheduled).

2017 Yale SOM, NYU, Wisconsin, Penn State, UIUC, Boston College, Sciences Po, OECD, Brown.

2011 Princeton, Stanford, Mass. General Hospital (Martinos Center).

Referee

Econometrica, QJE, Theoretical Economics, AEJ: Macro, Journal of International Economics, Economics of Transition.

Discussions

2018 NBER Growth Group, New Faces in International Trade.

2017 NBER Macro-Productivity Group, BC-BU Green-Line Macro Meeting.

Selected Publications

E. Vul, D. Lashkari, P.-J. Hsieh, P. Golland, and N.G. Kanwisher, "Data-driven functional clustering reveals dominance of face, place, and body selectivity in the ventral visual pathway," *Journal of Neurophysiology*, 108(8): 2306-2322, 2012.

D. Lashkari, R. Sridharan, E. Vul, P.-J. Hsieh, N.G. Kanwisher, and P. Golland, "Search for patterns of functional specificity in the brain: a nonparametric hierarchical Bayesian model for group fMRI data," *NeuroImage*, 59(2):1348-1368, 2012.

B.T.T. Yeo, F. Krienen, J. Sepulcre, M. Sabuncu, D. Lashkari, M. Hollinshead, J. Roffman, J. Smoller, L. Zollei, J. Polimeni, B. Fischl, H. Liu, and R. Buckner, "The organization of the human cortex revealed by intrinsic functional connectivity," *Journal of Neurophysiology*, 106(3):1125-1165, 2011.

G. Langs, D. Lashkari, A. Sweet, Y. Tie, L. Rigolo, A. Golby, and P. Golland, "Learning an atlas of a cognitive process in its functional geometry," in *Lecture Notes in Computer Science*, 6801:135-146, 2011.

G. Langs, B. Menze, D. Lashkari, and P. Golland, "Detecting stable distributed patterns of brain activation using Gini contrast," *NeuroImage*, 56(2):497-507, 2011.

D. Lashkari, R. Sridharan, P. Golland, "Categories and functional units: an infinite hierarchical model for brain activations," in *NIPS: Advances in Neural Information Processing Systems*, 23:1252-1260, 2010.

D. Lashkari, E. Vul, N.G. Kanwisher, and P. Golland, "Discovering structure in the space of fMRI selectivity profiles," *NeuroImage*, 3(15):1085-1098 2010.

D. Lashkari and P. Golland, "Convex clustering with exemplar-based models," in *NIPS: Advances in Neural Information Processing Systems*, 20:825–832, 2008.