

# WOLFGANG KELLER

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Department of Economics

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## FIELDS OF CONCENTRATION

Primary: International Trade and Investment, Innovation & Growth

Secondary: Economic History, Family Economics

## POSITIONS

2008 – present	University of Colorado-Boulder, Full Professor McGuire Center, Director 2010 – present Stanford Calderwood Chair, 2011 – 2014
2014	University of Munich and CESifo, Visiting Professor (Fall)
2013 – 2014	Hoover National Fellow, Stanford University
2013 – 2014	Stanford University, Visiting Professor
2010 – 2011	Princeton University, Visiting Professor and Kenen Fellow
2005 – 2008	Associate Professor, University of Colorado-Boulder
2003 – 2005	University of Texas-Austin, Associate Professor (with tenure)
2003	International Monetary Fund, Research Scholar (Fall)
2002 – 2003	Brown University, Visiting Professor
1998 – 2003	University of Texas-Austin, Assistant Professor
1998	University of Toronto, Visiting Professor (Fall)
1995 – 1998	University of Wisconsin-Madison, Assistant Professor

## CURRENT PROFESSIONAL AFFILIATIONS

2017 -	U.S. Census Data Centre, Boulder, CO, Steering Committee
2016 -	Institute of Behavioral Science, U Colorado, Associate in Int'l Development
2016 -	U.S. Census Bureau, Special Sworn Employee
2015 -	University of Munich-CESifo, Research Professor
2012 -	CEPR, Research Fellow, Economic History program
2011 -	Institute of Behavioral Science, U Colorado, Associate in Institutions
2008 -	U.S. Department of Commerce, Special Sworn Employee
2003 -	NBER, Research Associate, Innovation and International Trade programs
2003 -	CEPR, Research Fellow, International Trade and Regional program

**PAST PROFESSIONAL AFFILIATIONS & ACTIVITIES**

2019 – 2020	U.S. National Academy of Sciences Workshop on Innovation, Co-Chair
2012	World Trade Organization, Research Advisor
2009	External Expert, Industry Canada, Ottawa
2008	European Central Bank, Research Advisor
2008	The World Bank, Research Advisor
2004	University of Nottingham Globalisation Centre, Research Fellow
2003	International Monetary Fund, Resident Research Scholar
2002 – 2008	Journal of International Economics, Associate Editor
1998 - 2003	NBER, Research Fellow, Productivity and International Trade programs

**EDUCATION**

1995	Ph.D., Economics, Yale University
1990	Diploma, Economics, University of Freiburg, Germany

**TEACHING**

Ph.D. Trade	University of Colorado-Boulder, Brown University, University of Texas-Austin, University of Wisconsin-Madison, Shanghai University of Finance and Economics
Ph.D. Macro	University of Colorado-Boulder
Masters Trade	University of Toronto
Undergrad Trade	Princeton University, University of Colorado-Boulder, University of Texas-Austin, University of Wisconsin-Madison
Undergrad Ecmts	University of Colorado-Boulder
Undergrad Micro	University of Texas-Austin, University of Colorado-Boulder
Undergrad Growth	University of Colorado-Boulder
Undergrad Finance	University of Wisconsin-Madison, University of Texas-Austin, University of Colorado-Boulder
Int'l Tech Transfer	International Monetary Fund, Training Institute, 2021
Job Polarization	International Monetary Fund, Training Institute, 2017

**RESEARCH GRANTS**

- 2014 - 2020 U.S. National Science Foundation, “The Private and Social Return to R&D in the Age of Offshoring”, Co-Principal Investigator
- 2011 – 2017 U.S. National Science Foundation, “Trading, Institutions, Product Innovation, and Entrepreneurship”, Co-Principal Investigator
- 2005 The World Bank, “Trade, Multinationals, and Spillovers”, Co-Principal Investigator
- 2005 - 2009 U.S. National Science Foundation, “What Explains Modern Economic Growth? New Evidence from a Comparison of China and Europe in the 18th Century”, Co-Principal Investigator
- 1999 U.S. National Science Foundation, “How Does Economic Integration Affect Technology Diffusion and the Spatial Distribution of Productivity Growth?”
- 1996 University of Wisconsin-Madison, “Bilateral Trade and the Gravity Equation”

**ACADEMIC HONORS & AWARDS**

- 2022 Calderwood Teaching Award, University of Colorado-Boulder
- 2014 Humboldt Prize, Alexander von Humboldt Foundation
- 2013 – 2014 Hoover National Fellow, Stanford University
- 2011 – 2012 Peter B. Kenen Fellow, Princeton University
- 1990 – 1995 Doctoral Fellowships, Yale University
- 1992 – 1994 Ph.D. Fellowship, German National Merit Foundation
- 1991 Aurelio Peccei Prize, International Institute for Applied Systems Analysis, Austria
- 1990 Best Diploma Award, University of Freiburg
- 1990 Scholarship, German Academic Exchange Service
- 1990 Friedrich A. von Hayek Prize, University of Freiburg
- 1988 – 1990 Fellowship, German National Merit Foundation

**INVITED KEYNOTE ADDRESSES AND NAMED LECTURES**

- 2019 Nankai Trade Conference, Tianjin (June)
- 2017 Economics of Innovation Conference, Geneva (September)
- 2016 First CCER Summer Institute on International Trade, Yantai, China (June)
- 2016 Asian Development Bank, Hong Kong (June)
- 2015 International Economics and Finance Society, Beijing (July)
- 2014 European Trade Study Group, Munich (September)
- 2012 Asia Pacific Trade Seminar, Singapore (July)
- 2009 *Lustrum*, Utrecht School of Economics (November)
- 2004 Industry Canada, Ottawa (May)

**RESEARCH IMPACT**

- 2023 Top 0.5% of all authors in terms of weighted citations, RePEc, December.
- 2023 17,464 Google Scholar citations, December.

**SCHOLARLY PUBLICATIONS**

- “International Trade and Job Polarization: Evidence at the Worker Level”, Journal of International Economics Vol. 145 (November 2023) <https://doi.org/10.1016/j.jinteco.2023.103810> (with Håle Utar)
- “The Gender Gap Among Top Business Executives”, Journal of Economic Behavior and Organization Vol. 211 (July 2023), <https://doi.org/10.1016/j.jebo.2023.04.017> (with Teresa Molina and Will Olney)
- “Globalization, Gender, and the Family”, Review of Economic Studies March 2022 <https://doi.org/10.1093/restud/rdac012> (with Håle Utar)
- “Knowledge Spillovers, Trade, and FDI”, Oxford Research Encyclopedia of Economics and Finance; April 2022; <https://doi.org/10.1093/acrefore/9780190625979.013.705>
- “Foreign Trade and Investment”, chapter 12 in *The Cambridge Economic History of China, 1800 to Present*, edited by Debin Ma and Richard von Glahn, online publication February 2022, Cambridge University Press, pp. 414-456 (with Carol H. Shiue), <https://doi.org/10.1017/9781108348485>
- “Capital Markets in China and England, 18<sup>th</sup> and 19<sup>th</sup> Century: Evidence from Grain Prices”, American Economic Journal: Applied Economics Vol. 13(3), July 2021, pp. 31-64 (with Carol H. Shiue and Xin Wang).
- “International Transactions: Real Trade and Factor Flows”, chapter 17 in the *Cambridge Economic History of the Modern World, 1700-1870*, edited by Steven Broadberry and Kyoji Fukao, Cambridge University Press, June 24, 2021, Cambridge University Press (with Markus Lampe and Carol H. Shiue).
- “Globalization and Executive Compensation”, Journal of International Economics Vol. 129, March 2021, <https://doi.org/10.1016/j.jinteco.2020.103408> (with Will Olney).
- “Intellectual Property, Tariffs, and International Trade Dynamics: Comment”, Journal of Monetary Economics, Volume 109 (January 2020), Pages 104-106.
- “Capital Markets and Grain Prices: Assessing the Storage Approach”, Cliometrica vol. 14(2), pages 367-396 (May 2020) (with Carol H. Shiue and Xin Wang).
- “Market Integration and Institutional Change”, Review of World Economics, published September 25, 2019 (with Carol H. Shiue).
- “China’s Domestic Trade During the Treaty Port Era”, Explorations in Economic History (2017) 63 (January): 26-43 (with Javier Andres Santiago and Carol H. Shiue).
- “International Business Travel: An Engine of Innovation?”, Journal of Economic Growth (2015) 20: 75-104 (with Nune Hovhannisyan).
- “Supplier Responses to Wal-Mart’s Invasion of Mexico”, Journal of International Economics (2015) 95, 1: 1-15 (lead article; with Leo Iacovone, Beata Javorcik, and James R. Tybout).
- “Endogenous Formation of Free Trade Agreements: Evidence from the *Zollverein*’s Impact on Market Integration”, Journal of Economic History (2014) 74(4): 1168-1204 (with Carol H. Shiue).
- “Shanghai’s Trade, China’s Growth: Continuity, Recovery, and Change since the Opium War”, IMF Economic Review (2013) 61, 336-378 (with Ben Li and Carol H. Shiue).
- “The Gravity of Knowledge”, American Economic Review (2013) 103(4): 1414-1444 (with Stephen R. Yeaple).
- “The Evolution of Domestic Trade Flows when Foreign Trade is Liberalized: Evidence from the Chinese Maritime Customs Service”, with Ben Li and Carol H. Shiue, in *Institutions and Comparative Economic Development*, M. Aoki, T. Kuran, and G. Roland (eds.), Palgrave Macmillan, 2012.

- “China’s Foreign Trade: Perspectives from the Past 150 Years”, The World Economy (2011)34, 6: 853-892 (with Ben Li and Carol H. Shiue).
- “International Trade, Foreign Direct Investment, and Technology Spillovers”, Chapter 19  
In *Handbook of the Economics of Innovation*, Vol. 2, B. Hall and N. Rosenberg (eds.),  
Elsevier, North-Holland, 2010, pp. 793 – 829.
- “U.S. International Trade in R&D-Related Services and a Transactions-Based Profile of Business R&D: Discussion”, in *International Trade in Services and Intangibles in the Era of Globalization*, M. Reinsdorff and M. Slaughter (eds.), University of Chicago Press for the NBER, 2009.
- “Technology Transfer Through Imports”, Canadian Journal of Economics (2009) 42, 4:1411-1448 (with Ram Acharya).
- “Multinational Enterprises, International Trade, and Productivity Growth: Firm-Level Evidence from the United States”, Review of Economics and Statistics (2009) 91,4: 821-831 (with Stephen R. Yeaple).
- “Diffusion of Technology”, *New Palgrave Dictionary of Economics*, 2nd edition, edited by L. Blume and S. Durlauf, Macmillan, 2008.
- “Openness and Industrial Response in a Wal-Mart World: A Case Study of Mexican Soaps, Detergents and Surfactant Producers”, The World Economy (2008) 31,12: 1558 - 1580 (with Beata Javorcik and James Tybout).
- “Transfer of Technology”, *New Palgrave Dictionary of Economics*, 2nd edition, edited by L. Blume and S. Durlauf, Macmillan, 2008.
- “Markets in China and Europe on the Eve of the Industrial Revolution”, American Economic Review (2007) 97, 4: 1189-1216 (with Carol H. Shiue).
- Reprinted in M. Casson (ed.), *Markets and Market Institutions: Their Origin and Evolution*, Edward Elgar Publishing Ltd., Cheltenham, UK, 2011.
- “The Origins of Spatial Interaction”, Journal of Econometrics (2007) 140, 1: 304-332 (with Carol H. Shiue).
- “Market Integration and Economic Development: A Long-Run Comparison”, Review of Development Economics (2007) 11, 1: 103-123 (with Carol H. Shiue).
- “International Technology Diffusion”, Journal of Economic Literature (2004) 42, 3: 752-782.
- Reprinted in D. Greenaway, H. Görg, and R. Kneller (eds.), *Globalization and Productivity*, Edward Elgar Publishing Ltd., Cheltenham, UK, 2008.
- “Convergence and Polarization in Global Income Levels: A Review of Recent Results on the Role of International Technology Diffusion”, Research Policy (2003) 32, 6: 1055-1079 (with Guan Gong).
- “Pollution Abatement Costs and Foreign Direct Investment Inflows to the U.S. States”, Review of Economics and Statistics (2002) 84, 4: 691-703 (with Arik Levinson).
- “On Theories Explaining the Success of the Gravity Equation”, Journal of Political Economy (2002) 110, 2: 281-316 (with Simon J. Evenett).
- “Geographic Localization of International Technology Diffusion”, American Economic Review (2002) 92, 1: 120-142.
- “Trade and the Transmission of Technology”, Journal of Economic Growth (2002) 7, 1: 5-24 (Lead Article).
- “From Socialist Showcase to Mezzogiorno? Lessons on the Role of Technical Change from East Germany’s Post-World War II Growth Performance”, Journal of Development Economics (2000) 63, 2: 485-514.
- “Do Trade Patterns and Technology Flows Affect Productivity Growth?”, World Bank Economic

Review (2000) 14,1: 17-49.

- Reprinted as “How Trade Patterns and Technology Flows Affect Productivity Growth”, in H. Singer et al. (eds.), *New World Order Series*, Vol. 20, New Delhi.

“Are International R&D Spillovers Trade-related? Analyzing Spillovers among Randomly Matched Trade Partners”, European Economic Review (1998) 42, 8: 1469-1481.

- Reprinted in D. Greenaway, H. Görg, and R. Kneller (eds.), *Globalization and Productivity*, Edward Elgar Publishing Ltd., Cheltenham, UK, 2008.
- Selected for summary in Economic Intuition, Winter (1999), pages 7-8, as one of the top 100 papers of the year.

“Technology Flows Between Industries: Identification and Productivity Effects”, Economic Systems Research (1997) 9, 2: 213-220.

“Absorptive Capacity: On the Creation and Acquisition of Technology in Development”, Journal of Development Economics (1996) 49, 1: 199-227.

## **GENERAL - AUDIENCE PUBLICATIONS**

“Social Mobility of Daughters and Marital Sorting”, forthcoming, VoxChina (with Carol H. Shiue)

“Marriage and Intergenerational Mobility, forthcoming, VoxEU (with Carol H. Shiue)

“For Money, not Love? 14<sup>th</sup> to 19<sup>th</sup> Century Marriage Matching in China”, forthcoming, VoxChina (with Carol H. Shiue)

“Biological Clocks, Import Competition, and the Gender Gap in Earnings”, March 5, 2020 <https://voxeu.org/article/biological-clocks-import-competition-and-gender-gap-earnings> VOXeu, (with Håle Utar)

“A Biological Clock Explanation for the Gender Gap: Import Competition Increases Female Fertility”, April 15, 2020, <http://www.voxchina.org/show-3-172.html> VOXChina, (with Håle Utar)

“Joint Ventures and technology transfer: New evidence from China”, VoxEU 04/15/2018, <https://voxeu.org/article/joint-ventures-and-technology-transfer-china> (with Kun Jiang, Larry Qiu, and William Ridley)

“Globalisation and executive compensation”, VoxEU 06/09/2017, <https://voxeu.org/article/globalisation-and-executive-compensation> (with Will Olney)

“Domestic geography matters: China’s internal trade during the treaty port era”, VoxEU, 08/23/2016, <http://voxeu.org/article/how-domestic-trade-frictions-shape-welfare-gains> (with Javier Andres Santiago and Carol H. Shiue)

“Globalization and Polarization in the Wake of Brexit”, VoxEU, 07/05/2016, <http://voxeu.org/article/globalisation-and-polarisation-wake-brexite>, (with Håle Utar)

“The Impact of Regional Trade Agreements: Lessons from the Zollverein”, VoxEU 12/19/2013, <http://www.voxeu.org/article/do-trade-agreements-increase-trade-evidence-zollverein> (with Carol H. Shiue)

“The Transfer of Knowledge across Countries”, NBER Reporter, No. 1, 2012.

“The Two Faces of Wal-Mart in Mexico”, VoxEU 08/20/2011, <http://www.voxeu.org/article/two-faces-wal-mart-mexico> (with Leo Iacovone, Beata Javorcik, and James Tybout)

“China’s Soaring Foreign Trade: Made in Britain, c. 1840?”, VoxEU, 12/19/2010,

- <http://www.voxeu.org/index.php?q=node/5942> (with Ben Li and Carol H. Shiue)  
“International business travel and innovation: Face-to-face is crucial”, *VoxEU*,  
04/20/2010, <http://www.voxeu.org/index.php?q=node/4910> (with Nune Hovhannisyan)  
“The Limits to Offshoring”, *VoxEU*, 03/17/2009,  
<http://www.voxeu.org/index.php?q=node/3276> (with Stephen R. Yeaple)

## **WORKING PAPERS AND WORK IN PROGRESS**

### *International Trade and Investment*

- “Intangible Assets, Multinational Firms, and the Evolution of Firm Heterogeneity”, October 2023 (with Stephen R. Yeaple)  
“International Joint Ventures and Internal vs. External Technology Transfer: Evidence from China”, October 2023; r&r, *Journal of International Economics*; also NBER # 24455 (with Kun Jiang, Larry Qiu, and William Ridley).  
“Multinationals, Markets, and Mark-ups”, July 2021 (with Stephen Yeaple)

### *Innovation & Development*

- “Colocation of Production and Innovation: Evidence from the United States“, May 2021 (with Teresa Fort, Peter K. Schott, Stephen R. Yeaple, and Nikolas Zolas)  
“The Economic Consequences of the Opium War”, NBER Working Paper # 29,404, February 2023 (with Carol H. Shiue)  
“Future Technology Hubs or Backwater? Lessons on Structural Change from Germany’s Coal Regions”, September 2021 (with Simon Janssen, Håle Utar, and Ehsan Vallizadeh)

### *Economic History*

- “Mining Chinese Historical Sources At Scale: A Machine Learning-Approach to Qing State Capacity”, University of Colorado, January 2024 (with Carol H. Shiue and Sen Yan)  
“Natural Language Processing of Chinese Historical Sources: A Machine-Learning Approach to Qing Protests”, University of Colorado and Amazon Webservices AI, November 2022 (with Ling Liu and Carol H. Shiue)

### *Family Economics*

- “Intergenerational Mobility of Daughters and Marital Sorting: New Evidence from Imperial China”, NBER # 31,695 (with Carol H. Shiue)  
“Marriage Matching over Five Centuries in China”, NBER Working Paper # 30,625 (with Carol H. Shiue)

**OTHER WORKING PAPERS**

- “The Link Between Fundamentals and Proximate Factors in Development”, March 2014; also NBER # 18808 (with Carol H. Shiue).
- “Institutions, Technology, and Trade,” December 2011; also NBER # 13913 (with Carol H. Shiue).
- “Innovation Responses to Import Competition”, March 2011 (with Leo Iacovone and Ferdinand Rauch).
- “Global Production and Trade in the Knowledge Economy”, NBER # 14626 (with Stephen Yeaple).
- “Estimating the Productivity Selection and Technology Spillover Effects from Imports”, NBER Working # 14079 (with Ram Acharya).
- “Technology Diffusion and the World Distribution of Income”, January 2002, University of Texas, Austin.
- “Knowledge Spillovers at the World’s Technology Frontier”, CEPR Discussion Paper # 2815, 2001.
- “Bilateral Trade in a Multilateral World with Imperfect Specialization”, June 1998, University of Wisconsin, Madison.

**PRESENTATIONS BY PAPER SINCE 2019**

- “Intergenerational Mobility of Daughters and Marital Sorting: New Evidence from Imperial China”, CEPR Paris Symposium, December 2023, University of Hong Kong Business School Quantitative History seminar, September 2023
- “Human Capital Strategies for Big Shocks: The Case of the Fall of the Ming”  
Harvard University, April 2024, Yale, April 2024, George Mason University, April 2024, AAS Conference, March 2024, NBER Summer Institute, DAE, July 2023, CEPR Economic History Symposium, Geneva, June 2023, Hong Kong University University Inaugural Conference on China and the Global Economy, May 2023, New Economic History of China Conference, Northwestern University, March 2023, NBER China Conference Spring 2023, CEPR-Manchester Chinese History Conference, Oct 2022
- “Intangible Assets, Multinationals, and the Evolution of Firm Heterogeneity”  
Georgia Tech, October 2023, CalPoly San Luis Obispo, October 2023, Hitotsubashi-Gakushuin Conference on Trade and FDI, Dec 2022, Clemson, September 2022
- “The Economic Consequences of the Opium War”  
CEPR Inaugural Conference-Paris, June 2022, Geneva Macro History Workshop, May 2022, Oxford University, Feb 2022, Banco de Espana/CEPR Conference, Sept 2021, NYU Abu Dhabi, May 2021, NBER China Group, Spring 2021, UC Irvine, April 2021
- “Technology Hubs or Backwater? Lessons on Structural Change from Germany’s Coal Regions”,  
St. Anton January 2020, ZEW Mannheim, March 2020, ABFER Singapore, May 2020, ETSG (Berne), Sept 2019, CEPR Labor Conference (Frankfurt), Dec 2019
- “Multinationals, Markets, and Mark-ups”, Global Networks Conference, July 2022, Hamburg, Tristan Conference, Bayreuth, June 2022, Imperial College, London, May 2022, LSE, May 2022, Johns Hopkins University, April 2022, Nottingham, Feb 2022, Barcelona GSE, July 2021, Princeton, October 2020, NBER Summer Institute, July 2020, University of Wisconsin-Madison, April 2020, U Munich, Oct 2019, Empirical Investigations in International Trade (US), October 2019
- “Colocation of Production and Innovation: Evidence from the United States”, Boston University,



- April 2024, University of Dortmund, December 2023, Global Value Chains and Intangibles, National Academies Conference, May 2021
- “International Joint Ventures and Internal vs. External Technology Transfer: Evidence from China” International Monetary Fund, April 2024, Cornell, October 2023, ABFER Conference, Singapore, May 2019, National University of Singapore, June 2019, Chinese University of Hong Kong, May 2019, AEA, January 2019
- “Globalization, Gender, and the Family”: US International Trade Commission, April 2022, NBER Summer Institute, July 2020, LSE, November 2019, Sciences Po, November 2019, University College London, October 2019, EIIT North America, Oct 2019, CEPR ERWIT, June 2019
- “International Trade and Job Polarization: Evidence at the Worker Level”, IAB/Nuremberg, November 2019, Singapore Management University, June 2019, Nankai Trade Conference, June 2019, University of Hong Kong, May 2019

### **INVITED PRESENTATIONS SINCE 2019**

- 2024 National University of Singapore (August), Keio University (July), Yale (April), International Monetary Fund (April), Harvard (April), Boston University (April), George Mason University (April), AAS Annual Conference, Seattle (March)
- 2023 Regional Disparities and Economic Policy Seminar, Dortmund/Duisburg-Essen/Bochum (Dec), CEPR Paris Symposium (Dec), Cornell (October), Georgia Tech (September), CalPoly San Luis Obispo (September), NBER Summer Institute (July), CEPR Economic History Symposium, Geneva (June), Hong Kong University China & the Global Economy Conference (May), NBER China Conference (February)
- 2022 CEPR-Manchester China Conference (October) Global Networks Conference, Hamburg (July), CEPR Inaugural Conference, Paris (June), Geneva Macro History Workshop, May 2022, Imperial College, London (May), LSE (May), Johns Hopkins SAIS (April)
- 2021 CEPR/Banco de Espana (Sept 2021), NBER Summer Institute DAE, NBER China Working Group (April)
- 2020 CESifo Global Economy Conference, NBER Summer Institute (International Trade, Economic History, and Gender and the Economy programs)
- 2019 LSE, University College London, University of Munich, IAB/University of Nuremberg, Sciences Po (Paris), Chinese University Hong Kong, Hong Kong University, Nankai Trade Conference (Tianjin), ABFER (Singapore), Singapore Management University, National University of Singapore, NYU-Carnegie-Rochester Conference (New York University)

**RECENT GRADUATE STUDENT ADVISING**

Ge Song (Xiamen University, 2023)  
Peiyuan Li (Duke Kunshan University, 2023)  
Danny Kurban (Analysis Group, 2022)  
Jacob Howard (MITRE, 2020)  
Javier Andres Santiago (Universidad de Alicante, 2019)  
William Ridley (University of Illinois, 2019)  
Carolina Pan (of Brandeis University, 2017)  
Inga Heiland (of University of Munich; 2016, University of Oslo)  
Xin Wang (Peking University, 2016)  
Yibei Liu (Yale-National University of Singapore, 2015)  
Yiqing Xie (Fudan University, 2014)

Other former graduate students include:

Stephen R. Yeaple (Penn State University), Chad Bown (Peterson Institute), Phil McCalman (Australia National University), Josh Ederington (University of Kentucky), Bulent Unel (Louisiana State University), Ben Li (University of Massachusetts), Will Olney (Williams College)

**REFEREEING***Journals*

American Economic Review, Econometrica, Economic Journal, European Economic Review, International Economic Review, Journal of Development Economics, Journal of Economic History, Journal of European Economic Association, Journal of Industrial Economics, Journal of International Economics, Journal of Labor Economics, Journal of Monetary Economics, Journal of Political Economy, Quarterly Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, Review of International Economics, and other journals.

*National Science Foundations*

United States of America, Canada, England, Germany, The Netherlands, Hong Kong, Israel, Switzerland, and others.

*Academic Institutions and Foundations*

London School of Economics and Political Science, Boston University, Duke University, Alexander von Humboldt Foundation, Chinese University of Hong Kong, Brown University, University of Hong Kong, University of Tennessee, Hong Kong University of Science and Technology, University of California, National University of Singapore, New Economic School, Moscow, and others.