

LAURA SHUPP

MIT Sloan School of Management
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INTERESTS	Economics of Innovation, International Trade, Digital Economics
EDUCATION	Massachusetts Institute of Technology2022-Present Ph.D. Candidate in Management, Sloan School of Management Concentration: Technological Innovation, Entrepreneurship, & Strategic Mgmt. University of Paris 1: Pantheon-Sorbonne2015 Masters in Mathematical Methods in Economics & Finance (MMEF) Thesis: <i>An Egyptian Labor Market Assessment</i> Penn State University, Schreyer Honors College2013 B.S. in Economics B.A. in International Politics Minor in Middle East Studies
WORKS IN PROGRESS	1. “Anatomy of International Trade in Digital Services” 2. “Economic Liberalization and Multinational Production: Evidence from the GCC” 3. “Do Large Language Models or Crowdsourced Models Produce More Bias: Evidence from AI Chatbots and Wikipedia”
BOOK CHAPTERS	Jaffe, Adam B., Shupp, Laura B., and Tartari, Valentina. “ <i>Real Effects of Academic Research Revisited.</i> ” Forthcoming chapter in <i>The Economics of Science</i> .
WHITE PAPERS	National Transformation in the Middle East, A Digital Journey (with Jean Louis Prevost, Yasmeeen Salah, et al.). <i>Deloitte–Huawei Joint White Paper</i> (2017).
TEACHING	MIT Sloan School of Management <i>15.389</i>: Global Entrepreneurship Lab; TA for Simon Johnson, Fall 2024 <i>15.911</i>: Entrepreneurial Strategy; TA for Erin Scott, Spring 2024 & Fall 2024 <i>15.715</i>: Entrepreneurial Strategy; TA for Scott Stern, Spring 2024 The Mack Institute for Innovation Management at The Wharton School <i>MGMT 892</i>: Collaborative Innovation Program; TA, Fall 2021 & Spring 2022 University of Bahrain: <i>STATA 231</i>: Applied Statistics; Lecturer, Spring 2016 Penn State University: <i>Econ 412</i>: Labor Economics; TA for Theodore Papa-georgiou, Fall 2012 & Spring 2013
PROJECTS	Middle East North Africa Patent (MENA) Data Project2025-Present Natural Bureau of Economic Research - Innovation Information Initiative https://iii.pubpub.org/

**RELEVANT
POSITIONS****Research Assistance**

Research Assistant, Prof. Jacquelyn Pless, MIT	2023, 2024
Research Assistant, Prof. Bhaven Sampat, Columbia University	2021
U.S. Student Fulbright Research Fellow, University of Bahrain	2015-2016

Research & Advisory: Academic Commercialization

Ministry of Education (Saudi Arabia): Roles: *Head, Research Analytics & Decision Support Unit; Strategy Consultant, Deputyship for Research & Innovation*, 2018-2021

Research & Advisory: Digital Economy

Ministry of Communications & Information Technology	Saudi Arabia
<i>Consultant, Center for Digital Entrepreneurship</i> , 2021, 2022	

Monitor Deloitte Middle East	United Arab Emirates
<i>Strategy Consultant</i> , 2017-2019	

Ministry of Labor & Tamkeen	Bahrain
<i>Consultant, Project: Labor Market Observatory</i> , 2016–2017	

Microsoft	Egypt
<i>Consultant, Project: Egyptian Youth Employability Portal Analysis</i> , 2015	

International Telecommunication Union, United Nations	Switzerland
<i>Junior Analyst, Corporate Strategy Division</i> , 2014	

**GRANTS &
FELLOWSHIPS**

2025 Innovation Information Initiative Open Data Fellow, NBER	2025
Proposal: <i>Middle East and North Africa Patent Data Project</i>	

National Science Foundation Graduate Research Fellowship (NSF GRFP)	2022
<i>Field: Science Policy (1 of 2 awarded nationally)</i>	

MIT Sloan Ph.D. Fellowship	2022
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U.S. Student Fulbright Fellowship, University of Bahrain	2015
Proposal: <i>Bahrain's Strategic Instruments: Firm Productivity in the ICT Sector</i>	

Pantheon-Sorbonne Scholarship	2014
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Paterno Fellow Study Abroad Scholarship to American University of Beirut	2009
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Paterno Fellow, Penn State Paterno Fellows Program	2009
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AWARDS

Outstanding Graduate of the Last Decade Scholar Alumni Award	2022
<i>Schreyer Honors College, Penn State University</i>	

**PRESENTA-
TIONS**

1. *NBER Economics of Science Conference* (2025): “Real Effects of Academic Research Revisited.” (presented by co-author)
2. *American Economic Association CSWEP Mentorship Workshop* (2024): “Economic Liberalization and Multinational Production: Evidence from the GCC.”
3. *ETH Zurich Energy Summer School* (2023): “National Innovative Capacity and the Invention & Diffusion of Water-Related Technological Innovation: A Patent Analysis.”

4. *U.S. Department of State Alumni Thematic International Exchange Seminar* (2022): “The Adoption and Use of Green Innovation Metrics in Environmental Sustainability.”
5. *INETxOECD Forecasting the Future for Sustainable Development Conference* (2021): “Tracking the Technological Composition of Saudi Arabia’s Green Innovation Processes: A Patent Analysis on National Innovation Capabilities.”
6. *International Conference of the System Dynamics Society PhD Colloquium & Work-in-Progress Sessions* (2020): “A System Dynamics Model for Higher Education Technology Transfer Analysis.”
7. *Bahrain Office of the First Deputy Prime Minister Education Task Force* (2017): “Youth Employability: Employment for the Future.”
8. *Fulbright Enrichment Seminar* (2016): “Critical Growth Factors of Small- to Medium-Sized Enterprises in ICT in Bahrain.”
9. *Penn State Undergraduate Research Day* (2013): “The U.S. Foreign Terrorist Organization List as a Counterterrorism Mechanism.”

INVITED WORKSHOPS	NBER Economics of Science Conference	2025
	NBER Digital Economics and AI Tutorial	2025
	NBER Innovation Information Initiative Technical Working Group Meeting	2024
	AEA CSWEP: Successfully Navigating Your Economics PhD Workshop	2024
	Econometric Society: Africa Training Workshop in Development Economics	2024
	ETH Zurich: Energy Technology, Policy and Politics Summer School	2023
	U.S. Dept. State: Environmental Diplomacy’s Impact on American Society	2022
	OECD-INET: Forecasting for Policymaking	2021
	University of Oxford: The Oxford Summer School in Economic Networks	2020
	University of Sussex: European Forum for Studies of Policies for Research and Innovation Spring School <i>canceled due to Covid-19</i>	2020
OTHER RESEARCH	Conference Proceedings:	
	A System Dynamics Model for Higher Education Technology Transfer Analysis (with Osamah A. Almuyyad). Proceedings of the 2020 Conference of the Systems Dynamics Society (2020).	
SERVICE	Editorial Board, MIT Science Policy Review	2022-2024
	Reviewer, Gender Equity in STEM Challenge, MIT Solve	2023
SKILLS	Technical: Stata, Python, Vensim Languages: English (native), Arabic (working proficiency), Spanish (working proficiency)	