

Jon Schmid

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EDUCATION

Georgia Institute of Technology

Ph.D. Candidate in International Affairs, Science and Technology, 2018 (expected)

Dissertation: *On the Determinants of Military Technology Innovation and Diffusion*

Concentration: International Political Economy, Comparative Politics, Methods

GPA: 4.0

George Washington University

M.S. Finance, 2006

Thesis: "Investor Preferences and the Volatility Smile"

American University

B.A. Economics and International Affairs, 2003

Phi Beta Kappa, magna cum laude

PEER-REVIEWED ARTICLES

Schmid, Jon and Fei-Ling Wang. "Beyond National Innovation Systems: Incentives, Politics, Culture, and China's Innovation Performance." *Journal of Contemporary China* 26(104), March 2017.

Schmid, Jon and Jonathan Huang. "State Adoption of Transformative Technology: Early Railroad Adoption in China and Japan." *International Studies Quarterly*, (forthcoming: accepted for publication).

Schmid, Jon. "The Diffusion of Military Technology." *Defence and Peace Economics*, (forthcoming: accepted for publication).

Schmid, Jon, Mathew Brummer, and Mark Z. Taylor. "Alliances and Innovation." *Review of Policy Research*, (forthcoming: accepted for publication).

Schmid, Jon and Rahul Pathak. "The Anatomy of Collaboration in Development Practice: Insights from Nigeria and Ghana." *Development in Practice*, (forthcoming: accepted for publication).

Schmid, Jon, Sergey A. Kolesnikov, and Jan Youtie. "Plans versus Experiences in Transitioning Transnational Education into Research and Economic Development: A Case Study." *Science and Public Policy*, (forthcoming: accepted for publication).

OTHER PUBLICATIONS

Schmid, Jon. "Intelligence Innovation: Sputnik, the Soviet Threat, and Innovation in the US Intelligence Community." In: Kosal, M. (Ed.) *Technology and the Intelligence Community*, Springer Academic Publishers (forthcoming: accepted for publication).

Li, Yin, Sergey Kolesnikov, Seokkyun Woo, Jon Schmid, Olufunke Adebola, Mark Z. Taylor, Jan Youtie, Philip Shapira, Juan Rogers. (2016). "International University Research Ventures (IURV): Findings from U.S. Universities." *STIP Working Paper*.

Schmid, Jon. (2016). "Scientometrics." *The Encyclopedia of Big Data*. Ed. Laurie A. Schintler. Springer.

Schmid, Jon. (2016). "International Development." *The Encyclopedia of Big Data*. Ed. Laurie A. Schintler. Springer.

Schmid, Jon. (2015). "Theory of Moral Sentiments." *The SAGE Encyclopedia of Economics and Society*. Ed. F. Wherry. Sage Publications.

Boston, Thomas D. and Jon Schmid. (2015) "Poverty Gap Index." *The Encyclopedia of World Poverty*. Ed. M. Odekon. Sage Publications.

Boston, Thomas D. and Jon Schmid. (2015) "Cash and In-kind Transfers." *The Encyclopedia of World Poverty*. Ed. M. Odekon. Sage Publications.

PUBLICATIONS IN PROGRESS

"Do External Threats Drive Military Technology Innovation? Empirical Evidence in the Affirmative." Under review.

"Collaboration in Innovation: An Empirical Test of Varieties of Capitalism." with Seokbeom Kwon. Under review.

"On the Determinants of Military Technology Innovation." with Michael C. Horowitz and Lucia Bird. In Progress.

"On Variation in Patent Characteristics by Organization Type: A Quantitative Study of Government, University, and Corporate Patents." with Deji Fajebe. In Progress.

"On the Geographic Distribution of International University Research Ventures." with Mark Z. Taylor. In Progress.

CONFERENCE PRESENTATIONS

"On the Diffusion of Military Technology." paper presented at International Studies Association 2017 Annual Conference, February 25, Baltimore, Maryland.

“Alliances and Innovation.” paper presented with Mark Z. Taylor at the Economics and Security Reconsidered workshop sponsored by *International Organization*, June 23-24, 2016, University of Pennsylvania.

“FDI Spillovers and Firm Productivity in India.” paper presented with Usha Nair-Reichert at the European Economics and Finance Society, June 13, 2016, Amsterdam, Netherlands.

“Security Alliances and National Innovative Productivity.” paper presented at International Studies Association 2016 Annual Conference, March, 19, 2016, Atlanta, Georgia.

“State Response to Transformational Technology: Early Railroad Adoption in late Qing China and Meiji Japan.” paper presented at International Studies Association 2016 Annual Conference, March 18, 2016. Atlanta, Georgia.

“An Exploration of the Volatility of Technological Productivity.” paper presented at the IAC CRIDC Graduate Student Conference, January 30, 2015.

“Beyond National Innovation Systems: Incentives, Politics, Culture, and China's Innovation Performance.” paper presented at International Studies Association 2015 Annual Conference, February 21, 2015, New Orleans, Louisiana.

RESEARCH FELLOWSHIPS, GRANTS, AND AWARDS

Presidential Fellow, Georgia Institute of Technology, 2014-2018

Coca-Cola Fellow, 2014-2017

Bridging the Gap Fellow, New Era Foreign Policy Conference, American University, March 12-14, 2017

Sam Nunn Security Fellow, MacArthur Foundation's Science, Technology, and Security Initiative, 2015-2016

Leadership Education and Development (LEAD) Fellow, Georgia Institute of Technology, 2015-2016

First Place, Georgia Tech Ivan Allen Career, Research, and Innovation Development Conference (CRIDC) Paper Competition, 2016

Outstanding Graduate Student, Sam Nunn School of International Affairs, Georgia Institute of Technology, 2015-2016

COURSES TAUGHT

Georgia Institute of Technology

Instructor, American Government (Fall 2017)

Teaching Assistant, American Government (Fall 2013)

GUEST LECTURE/ INVITED TALKS

“Empirical Methods with Applications in Stata.” Evaluating International Development Projects course, Georgia Institute of Technology, Fall 2015, Spring 2016, Fall 2016.

“Scientometrics: Theory and Applications.” Scientific Perspectives on Global Problems course, Georgia State University, October 2016.

“Measurement of Poverty.” Introduction to International Relations course, Georgia Institute of Technology, Summer 2016, Fall 2016.

PROFESSIONAL EXPERIENCE

Research Assistant, Dr. Thomas Boston, Professor of Economics, Georgia Institute of Technology (Spring 2014, Summer 2014, Fall 2014, Spring 2015, Summer 2015, Fall 2015)

Research Consultant, Lamont-Doherty Earth Observatory, Columbia University (October 2008 - March 2011)

Research Coordinator, Department of Finance & Economics, Columbia University (October 2007 – October 2008)

Associate, BG Consulting Inc. (December 2003 – December 2006)

Assignments as Consultant

- Legal Empowerment of the Poor – Poverty Reduction through Improved Asset Security, Formalization of Property Rights and the Rule of Law (USAID)
- Competitiveness Study of Peruvian Artesian Goods Sector and Identification of Barriers to Export Growth (Peru, Inter-American Development Bank)
- Investment Attraction Plan (Belize, Inter-American Development Bank)
- Capacity Building for Trade and Investment Promotion (Belize, Inter-American Development Bank)
- Regulatory Reform and Privatization (Bolivia, World Bank)

SKILLS

Language: Spanish (fluent)

Certification: NSF Tech to Teaching Certificate, Center for the Enhancement of Teaching and Learning, Georgia Institute of Technology

Programming: Stata, R, SAS, SPSS, Qualtrics survey tools

REFERENCES

Margaret E. Kosal
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