

Curriculum Vitae

Name: **Eskil Ullberg**
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Academic research in economics for 10+ years of which 8 years at Interdisciplinary Center of Economic Science at George Mason University (Started by V. Smith, Nobel Laureate in economics); Working on patent markets and teaching finance and economic development classes, active in the patent market discussions with UN, EC, WTO, others. Applied research on policy issues to leverage the human capital formation of developing nations through markets in patents (www.tradeinideas.com program).

Broad international relations with policy makers in UN, WTO and in economic development.

Prior to research I was active in international management consulting specializing in strategy, for over 20 years for: firms, international organizations and government agencies alike with special focus on management of risk. I am interested in key strategic issues for global firms today: dynamism, digitalization, services, IP and globalization. Expertise in the digital economy policies especially using patents (IP), information technology (ICT, IoT) and services management.

Business and Academic Experience

2017 – Senior Research Scholar, Institute of Management of Innovation and Technology
2019 – Adjunct Professor, George Mason University, South Korea Campus.
2016 – 2018 Adjunct Professor, George Mason University, USA: Spring 2016, 2017, 2018.
2015 – 2016 Senior Research Scholar, The Ratio Institute, Stockholm, Sweden
2011 – 2015 Term Assistant Professor; Adjunct Professor, George Mason University, USA: Aug 2011 – Aug 2015
2009 – 2014 Post Doctoral Research George Mason University, funded by the *National Science Foundation*, *Swedish Research Council*, *SWEDBANK*, and others.
2010 – 2011 Research Fellow in Finance, Jönköping International Business School (JIBS)
2006 – 2009 Visiting Research Scholar at ICES, George Mason University, VA, USA

2003 – 2005 IKU (management consulting with strategy focus)
1996 – 2003 Service Management Group (management consulting with strategy focus)
1995 – 1996 The World Bank as international cons. (Welfare Reform/Latvia, IT consulting)
1995 – 1996 EuroStep (management / IT consulting)
1986 – 1994 Harvest Consultants (management consulting with strategy focus)

Education

2003 – 2009 **PhD** in Economics, Industrial PhD Program, Royal Institute of Tech., Sweden.
1999 **Executive Program**, MIT, USA, IT infrastructure for global competitiveness.
1985-86 **MBA, INSEAD**, majoring in finance and innovation, France.
1978-84 **MSc** in Physical Engineering majoring in Material and Computer Science, TEKNIKUM, Uppsala University, Sweden.

Languages English (fluent), French (fluent), German (fair), Scandinavian (mother tongue)

Range of international organizations and firms worked with as expert/consultant:

International organizations and Economic development agencies: including European Commission (patent markets), European Patent Office, Patent organizations and offices, UN/ECOSOC, World Bank

International relations and speeches: including UN, WTO, WIPO, WB, Brookings, and other, and academic conferences including Stanford, GMU.

Agencies: including Central bank of Sweden, Dep. of trade and industry, Parliament's research forum (economic and risk issues), Patent office (growth/development issues)

Companies/Industry level: including Finance/banking (impact of IT/e-business, deregulation), Energy (market development issue), Printing industry (impact of IT)

Publications (articles)

- 2019 "Economic efficiency and field-of-use pricing of SEP licenses under FRAND terms", *Queen Mary Journal of Intellectual property*, forthcoming Oct 2019.
- 2016 "Coordination of Inventions and Innovations through patent markets with prices: An Experimental Investigation of Price Signals and Search Behavior", *Journal of the Knowledge Economy*, 2016, DOI: 10.1007/s13132-016-0418-0
- 2009 "From Personal to Impersonal Exchange in Ideas – Experimental Study of Trade in Organized Markets for Patents", *Industrial PhD Thesis*, 2009, Principal advisor: Björn Hårsman, Opponent: Tom Hazlett, GMU
- 2002 "Risk Management: From Portfolio Strategy to Value Creating System Strategy", *Geneva Papers on risk and insurance*. July 2002, with Rodriguez, Stormby

Publications (books/chapter, selection)

- 2014 "New Perspectives on Internationalization and Competitiveness – Integrating Economics, Innovation and Higher Education", Editor of proceedings from workshops in Washington DC and Stockholm in 2013, *Springer International*, 2014, www.internationalizationandcompetitiveness.com
- 2011 "Trade in Ideas – Performance and Behavioral Properties of Markets in Patents", *Springer, Innovation and Entrepreneurship book series*, 2012, www.tradeinideas.com
- 2010 "Du passage d'un système d'échanges "personnels" à un système d'échanges "impersonnels" des idées: une étude expérimentale", Encadré 3 in, Guellec, D., Madiès, T. and J-C Prager (2010). Les marchés des brevets dans l'économie de la connaissance, report for the Economic Counsel of the Prime Minister, Paris, 2010

Peer reviewed contributions

- 2016 "Coordination of Inventions and Innovations through patent markets with prices", *WINIR Conference on institutions and human behavior*, Boston, USA, 2016, https://winir.org/?page=past_events&side=winir_2016
- 2016 "The Language of Trust and Reciprocity in Patent Markets: A Sociological Analysis of Property Rights on Messages Resolving Uncertainty in Exchange in Ideas", *Stanford*,

Hoover Institutions IP2 Conference by Working Group on Intellectual Property, Innovation, and Prosperity, Palo Alto, 2016, <http://hooverip2.org/working-paper/wp15016/>
(personal invitation)

Grants (a selection)

- 2018 The Government of Sweden/Foreign office, grant for development of a statistics-framework for trade in ideas (done in cooperation with WTO experts)
- 2017 The Government of Sweden/Foreign office, grant for pilot-study on trade in ideas
- 2013 The Swedish Foundation for International Cooperation in Research and Higher Education (STINT), grant for workshop 2 after NSF workshop
- 2012 National Science Foundation, USA, grant for Workshop on Internationalization and Competitiveness (Washington DC, March 1-2, and Stockholm Oct 2-4, 2013)
- 2010 The Swedish Research Council (“*Vetenskapsrådet*”) two year Post Doc grant

Teaching experience

ECON362: African Economic Development. Covers sub-Sahara Africa and northern Africa including history, economic development policies and recent development in democratization (SSA) and conflicts; and ECON450: International Money and Finance. Covers determination of exchange rates, history, derivatives for managing risk and international investments. ECON385: International Economic Policy. Covers trade theory, policy and money (exchange rates): fall 2019.

Synergistic activities on the patent system (selection)

- World Trade Organization: “Trade in Ideas Pilot-Study – Next Steps”, presentation of a pilot-study including participation from Chile, Peru, El Salvador, Azerbaijan, Uganda, Kenya and South-Africa, Nov 26, 2018
- Op-Ed together with Edmund Phelps: “The Need for a Global Patent Market”, ProjectSyndicate <https://www.project-syndicate.org/commentary/integrated-global-patent-market-by-edmund-s-phelps-and-eskil-ullberg-2018-08?barrier=accesspaylog> and World Economic Forum <https://www.weforum.org/agenda/2018/08/the-need-for-a-global-patent-market/>, Aug 2018
- World Trade Organization: “Trade in Ideas”, Working Group on Tech. Transfer, Oct 26, 2018
- World Trade Organization: Trade Dialogue Series on “Strategy for growth: A policy discussion on North-South exchange in technology through the patent system”. June 29, 2017
- Karl-Adam Bonnier Foundation’s Forum for Innovation Management, Introductory speaker, Patent licensing and economic growth. Stockholm, Sweden, Mar 2017, <http://kabstiftelse.se/en/forum-for-innovation-management-fim/>
- INSEAD MBA program test lecture on Business Strategy and IP: What you cannot do without an IP system, focusing on patents, Jan 2017
- European Commission: Joint Transatlantic Workshop on “How patent markets can create growth”, *March 2016*
- Co-organizer and co-chair at United Nations ECOSOC high-level segment, organizing a ministerial side event on Trade in Ideas, based on research and policy interest from developing nations. ECOSOC theme: “*Science, Technology and Innovation, and the benefit of Culture for sustainable development to meet the MDGs*”, at the United Nations in Geneva, July 1-4, 2013
- Lead Presenter and Meeting Chair at United Nations Expert Meeting on “*Science, Technology and Innovation, and the benefit of Culture for sustainable development to meet the MDGs*”, at the United Nations Headquarters in New York, March 22, 2013

United Nations Second Committee Special Event Panel Discussion on Science, Technology and
Innovation for Development, at the United Nations Headquarters in New York, Nov16 2012