
EDUCATION & LANGUAGE

- ✓ **Doctoral Candidate** (dissertation approval pending in 2017), School of Political Science and Government, Tel Aviv University. *“Explaining National Cyber Insecurity: A New Strategic Defense Adaptation Analytical Framework.”* Advisors: Prof. Azar Gat & Prof. Isaac Ben Israel. The empirical part of the dissertation presents a comparative analysis of the national cybersecurity policy evolution of Singapore, Israel and the U.S., focusing on critical infrastructure protection, national defense and national strategy design.
- ✓ **Master of Arts, *Cum Laude*** – Harold Hartog School of Government and Policy – Security Studies Program, Tel Aviv University, 2006. The MA Thesis *“The Role of Advanced Technology in Israel’s Fight Against Palestinian Terrorism, 2000 - 2005”* has ignited media debate and publicity.
- ✓ **Bachelor of Arts**, Department of Political Science, Tel Aviv University, 2001.
- ✓ **Russian** - mother tongue, **Hebrew** – mother tongue, **English** – highly fluent.

ACADEMIC RESEARCH HIGHLIGHTS

Current academic research at Blavatnik Interdisciplinary Cyber Research Center, Tel Aviv University (TAU ICRC) includes:

- **Cybersecurity theory development in strategic context** (Principal Investigator; started 2015)
- **Hostile Influence Operations via Social Media: A Cybersecurity issue? Assessing the recent Western experience with pro-Russian influence** (Principal Investigator; started 2015)
- **Deterring cybersecurity threats through Internet topology, law enforcement and technical mitigation** (Led by Singapore Management University's School of Information Systems; started 2016)

The inaugural Cyber Warfare Research Program Associate at the Institute for National Security Studies (INSS) think-tank in Tel Aviv from 2010-2012. The peer-reviewed articles I penned and published since 2011 ignited the Israeli public cybersecurity debate, and became indispensable in cyber-curricula.

SELECTED ACADEMIC PUBLICATIONS

Peer-reviewed Articles

Towards a Theory of Cyber Power: The Israeli Experience with Innovation and Strategy. NATO CCDCoE Conference on Cyber Conflict (CyCon16) proceedings, Tallinn, Estonia. Summer 2016

Critical Infrastructure Protection Policy: the Israeli Experience. Journal of Information Warfare, 12(3), 2013.

Does Cyberspace Promote Human Rights and Democracy? Applying Karl Popper's Scientific Method. International Journal of Science in Society, 4(4), 13-23, 2013.

Cybercrime: A National Security Issue? Military and Strategic Affairs, 4(3), 2012.

International Cooperation in Critical Infrastructure Protection Against Cyber Threats. Atlantic Voices, 2(9), 2012.

Basic Concepts in Cyber Warfare. Military and Strategic Affairs, 3(1), 2011.

Critical Infrastructure Protection from Cyber Threats. Military and Strategic Affairs, 3(2), 2011.

An Interdisciplinary Look at Security Challenges in the Information Age. With Ben Israel, I. Military and Strategic Affairs, 3(3), 2011.

Books

Cybersecurity in Israel. Tabansky, L., & Ben Israel, I. (*SpringerBriefs in Cybersecurity Series* - Springer International Publishing). ISBN 978-3-319-18985-7, 2015.

Cybersecurity Challenges: The Israeli Water Sector Example. In R. M. Clark & S. Hakim (Eds.), *Cyber-physical Security: Protecting Critical Infrastructure at the State and Local Level*. Springer Verlag, 2016.

Academic Conference Papers

Developing the Revolution in Military Affairs Analytical Framework for Refined Understanding of Cybersecurity. The International Studies Association 56th Annual Convention, New Orleans, USA, 2015.

Critical Infrastructure Protection: Evolution of Israeli Policy in R. Kuusisto, & E. Kurkinen (Eds.), 12th European Conference on Information Warfare and Security, University of Jyväskylä, Finland, 2013.

CAREER HISTORY

Director of Strategy, 2015 to 2017. Tel Aviv, Israel
Cyber Security Group Ltd - a cybersecurity consultancy and solutions provider catering to global entities.

Successfully led a complex long-term National Cybersecurity Strategy (NCS) design project for a developed Asian nation: the country's public NCS was based on the research and recommendations.

Uncovered contested multifaceted issues pertaining to innovation, organization, defense and economy.

Performed cross-disciplinary analyses thereof, and illuminated complex issue-specific interconnections.

Structured and authored the deliverables: drafts, presentations, executive summary, full-blown comprehensive report and dozens of tailored policy recommendations.

Held personal meetings and talks with stakeholders: government ministers, senior civil servants, C-level executives and defense leaders.

Developed trust and productive relationships, while maintaining professional integrity.

Head of Research, 2014 to 2015. Tel Aviv, Israel
Konfidat Ltd - a cybersecurity consultancy catering to enterprise clients in financial and technology sectors.

Initiated innovative inter-disciplinary advisory projects to assist cybersecurity strategy formulation for leading corporations and national regulators.

Prepared professional corporate strategy analyses and penned recommendations.

Team member in design and execution of tailored cybersecurity war-gaming simulations for corporate senior management and boards in the financial services sector.

Conducted in-depth interdisciplinary comparative research.

Computer System and Network Administrator, 2009 to 2014. Tel Aviv, Israel
Tel Aviv University, Sourasky Central Library

Designed, procured, deployed and supported the institution's IT architecture for its diverse business processes. Upheld the institution's IT-security posture. Led user training and implementation.

Implemented complex change processes in an inflexible corporate environment.

Researcher, 2005 – 2014. The Yuval Ne'eman Workshop for Science, Technology and Security.

Conducted wide-ranging research in defense and information technology issues

Helped design and run outreach activities: TAU's Annual International Cybersecurity Conference series – the largest prestigious cyber-event outside the U.S.; TAU's Senior Cyber Forum – Israel's public-private partnership epicenter.

Computer Systems Coordinator, 2001 to 2009. Tel Aviv University, Sourasky Central Library

Designed and executed the transition from DEC Terminals to a modern Personal Computers architecture.

Singlehandedly supported the Library's IT systems, including security, upgrade and user training.

IDF SERVICE

Served in an elite technology unit of the Israeli Air Force, 1995-1998