

Myriam Dunn Cavelty

Curriculum Vitae

Personal Data

Name Myriam Dunn Cavelty
Title PhD
Date of Birth 10 March 1976
Nationality Swiss

Work Experience

2-6/2011- **Lecturer**, Master of Strategic Security Management, University of Applied Sciences Wiener Neustadt and Austrian Federal Security Academy
11/2010- **Fellow**, stiftung neue verantwortung, Berlin
10/2006- **Lecturer**, Master of Comparative and International Studies, ETH Zurich
6-9/2007 **Visiting Fellow**, Watson Institute for International Studies, Brown University
2/2005- **Head of the "New Risks" Research Unit and CRN Coordinator** (Crisis and Risk Network), Center for Security Studies, ETH Zurich
02/2002 - 2/2005 **Research Fellow**, Center for Security Studies, ETH Zurich
12/1999 - 12/2001 **Editor** at the International Relations and Security Network (ISN), Center for Security Studies, ETH Zurich
1/2000 - 5/2000 **Project Assistant** for "Digital Training Armee XXI", Center for Security Studies, ETH Zurich
9/2000 - 12/2001 **Member of the ISN "Mobile Training Unit"**, Center for Security Studies, ETH Zurich
1999/2000 **Tutor**, Institute for Political Science (Professor D. Ruloff), University of Zurich

Education and Training

01/2002 - 02/2006 **PhD**, University of Zurich (summa cum laude)
07-08/2003 **Summer Academy on Strategic Studies**, Feldafing
10/1996 - 11/2001 **Lizentiat lic. phil. I**, University of Zurich (Master of Arts)
➤ Major: History
➤ Minors: Political Science, Constitutional and International Law
12/1995 **Cambridge Proficiency in English**
1-12/1993 **Exchange Student**, AFS, Sydney, Australia
Year 11 at St. Mary's High-School, Sydney
1992-1996 **Mathematisch Naturwissenschaftliches Gymnasium**, Rämibühl, Zürich
Typus C (Focus on Natural Sciences, Mathematics)
1990-1992 **Literargymnasium Rämibühl**, Zürich

Teaching

Crisis and Response, Lecture, Master of Strategic Security Management, University of Applied Sciences Wiener Neustadt and Austrian Federal Security Academy	Spring 2011
From the Cold War to a (Globalized?) Risk Environment: The Evolution of the Concept of Security and the Implications for Security Studies Research Seminar, Master of Arts in Comparative and International Studies, ETH Zurich (with Andreas Wenger)	Spring 2010, 2011
Contemporary Security Studies Elective Seminar, Master of Arts in Comparative and International Studies, ETH Zurich	Autumn 2007, 2008, 2009, 2010
New Threats and Risks in a Global Security Environment Research Seminar, Master of Arts in Comparative and International Studies, ETH Zurich (with Andreas Wenger)	Spring 2008
American Foreign Policy and Transatlantic Relations Core Seminar, Master of Arts in Comparative and International Studies, ETH Zurich (with Victor Mauer and Andreas Wenger)	Summer 2007
Militär- und Sicherheitspolitik im Informationszeitalter Kolloquium at the University of Zurich	Winter 2006/2007
Theory and Practice of Security Elective Seminar, Master of Arts in Comparative and International Studies, ETH Zurich (with Victor Mauer)	Winter 2006/2007

Boards and Review Panels

11/2008-	Editorial Board, International Journal of Disaster Recovery and Business Continuity, SERSC Press
10/2006 -	Editorial Board, Media, War, and Conflict, Sage Publications
07/2005 -	Editorial Board, International Relations and Security Network

Grants / Awards (selection)

3/2007	Swiss National Science Foundation Grant Personal grant for individual short visits
7/2006	Millennium Award 2006 for Outstanding Research Paper by a Younger Scholar Comparative Interdisciplinary Studies Section (CISS) of the International Studies Association (ISA)
2/2002	Gustav Däniker Förderpreis Society for Security Policy and Military Science (Verein für Sicherheitspolitik und Wehrwissenschaft, VSWW)

Professional Societies

01/2005 - 2008	Politikplus, peer mentoring project
11/2004 -	British International Studies Association (BISA)
04/2004 -	International Studies Association (ISA)
04/2004	American Political Science Association (APSA)
04/2000 -	Unit for Internet Studies (UIS)

03/2000 -	Swiss Political Science Association (SVPW)
1998 - 2002	President / Member of Board of the Chamber Music Association, ETH and University of Zurich

Myriam Dunn Cavelty Publications

Journal Articles (refereed)

"Systems at Risk as Risk to the System", *Anthropological Research on the Contemporary*, January 2011, episode 2, <http://anthropos-lab.net/studio/systems-at-risk-as-risk-to-the-system/>.

"The Formation of In-Formation by the US Military: Articulation and Enactment of Infomantic Threat Imaginaries on the Immaterial Battlefield of Perception", *Cambridge Review of International Affairs*, Issue 22, Volume 4, 2009, pp. 625-642 (co-authored with Elgin Brunner)

"Public-Private Partnerships Are No Silver Bullet: an Expanded Governance Model for Critical Infrastructure Protection", *International Journal of Critical Infrastructure Protection*, Issue 2, Volume 4, 2009, pp. 179-187 (co-authored with Manuel Suter)

"National Security and the Internet: Distributed Security through Distributed Responsibility", Contribution to the Forum: "Who Controls the Internet? Beyond the Obstinance of Obsolescence of the State", *International Studies Review*, Issue 11, Volume 1, 2009, pp. 214-218.

"Cyber-Terror - Looming Threat or Phantom Menace? The Framing of the US Cyber-Threat Debate", *Journal of Information Technology and Politics*, Issue 4, Volume 1, 2007, pp. 19-36.

"The Socio-Political Dimensions of Critical Information Infrastructure Protection (CIIP)", in: *International Journal for Critical Infrastructure Protection*, Issue 2/3, Volume 1, 2005, pp. 258-268.

Journal Articles (non-refereed)

(forthcoming) "Staatlicher Umgang mit Versorgungsrisiken zwischen Vorsorge und Prävention", *Bulletin zur Schweizerischen Sicherheitspolitik* 2011 (co-authored with Jonas Hagmann)

"Cyber-Allies: Strengths and weaknesses of NATO's cyberdefense posture", *IP Global Edition*, April 2011, Issue 3, Volume 12, pp. 11-15.

„The Dark Side of the Net: Past, Present and Future of the Cyberthreat Story", *AIIA Policy Commentary*, No. 10, April 2011, pp. 51-62.

"Critical Infrastructure Protection, Information-Sharing and the Role of Intelligence", *Cátedra Servicios de Inteligencia y Sistemas Democráticos Facultad de Ciencias Jurídicas y Sociales*, 4, Julio-noviembre 2008 (co-authored with Manuel Suter), pp. 85-114.

"Public-Private Partnerships und die Grenzen einer Wunderlösung: Ein erweitertes Governance-Modell für den Schutz kritischer Infrastrukturen", *Bulletin zur Schweizerischen Sicherheitspolitik*, 2008 (co-authored with Manuel Suter), pp. 9-42.

"Critical information infrastructure: vulnerabilities, threats and responses", *UNIDIR Disarmament Forum*, Issue 3, 2007, pp. 15-22.

"Critical Information Infrastructure Protection: Eine sicherheitspolitische Herausforderung", *Bulletin zur Schweizerischen Sicherheitspolitik*, 2002, pp. 119-142 (co-authored with Andreas Wenger, Jan Metzger)

"The Cyberspace Dimension in Armed Conflict", *Information and Security, An International Journal*, Vol. 7, 2001, pp. 145-158.

Monographs

Cyber-Security and Threat Politics: US Efforts to Secure the Information Age (London: Routledge, 2008)

Information Age Conflicts: A Study of the Information Revolution and a Changing International Operating Environment, Zurich Contributions to Security Policy and Conflict Analysis, Nr. 64 (Zürich, Forschungsstelle für Sicherheitspolitik und Konfliktanalyse, 2002)

Edited Volumes

The Routledge Handbook of Security Studies, Routledge 2010 (co-edited with Victor Mauer)

Securing the Homeland: Critical Infrastructure, Risk, and (In)Security (London: Routledge, 2008) (co-edited with Kristian Soby Kristensen)

The Resurgence of the State: Trend and Processes in Cyberspace Governance (Aldershot: Ashgate, 2007) (co-edited with Victor Mauer and Sai-Felicia Krishna-Hensel)

Power and Security in the Information Age: Investigating the Role of the State in Cyberspace (Aldershot: Ashgate, 2007) (co-edited with Victor Mauer and Sai-Felicia Krishna-Hensel)

The International CIIP Handbook 2006: An Inventory of Protection Policies in 20 Countries and 6 International Organizations (Vol. I) (Zurich, Center for Security Studies, 2006), 400 pages (co-authored with Isabelle Abele-Wigert)

The International CIIP Handbook 2006: Analyzing Issues, Challenges, and Prospects (Vol. II) (Zürich, Center for Security Studies, 2006), 200 pages (co-edited with Victor Mauer)

The International Critical Information Infrastructure Protection (CIIP) Handbook 2004 (Zürich, Forschungsstelle für Sicherheitspolitik und Konfliktanalyse, February 2004), 410 pages (co-authored with Isabelle Wigert)

The International Critical Information Infrastructure Protection (CIIP) Handbook 2002 (Zürich, Forschungsstelle für Sicherheitspolitik und Konfliktanalyse, October 2002)

Book Chapters

(forthcoming) "CIIP Strategies and Approaches", in: Javier Lopez-Munoz, Roberto Setola, Stephen D. Wolthusen (eds) *Advances in Critical Infrastructure Protection: Information Infrastructure Models, Analysis, and Defense* (Springer 2011) (co-authored with Manuel Suter)

"Cyber-security", in: Peter Burgess (ed.), *The Routledge Companion to New Security Studies* (London: Routledge 2010), pp. 154-162.

"Cyberwar", in: George Kassimeris and John Buckley (eds), *The Ashgate Research Companion to Modern Warfare* (Aldershot: Ashgate 2010), pp. 123-144.

"Cyberthreats", in: Myriam Dunn Cavelty and Victor Mauer (eds), *The Routledge Handbook of Security Studies* (London: Routledge 2010), pp. 180-189.

"Introduction", in: Myriam Dunn Cavelty and Victor Mauer (eds), *The Routledge Handbook of Security Studies* (London: Routledge 2010), pp. 1-6.

"Zusammenbruch kritischer Infrastrukturen und die Antizipation von TEOTWAWKI Narrative Praktiken im Falle einer erzählten Superkatastrophe", in: Alexander Siedschlag (ed.), *Jahrbuch für europäische Sicherheitspolitik* (Nomos-Verlag, 2009), pp. 85-97.

"Introduction: Securing the Homeland: Critical Infrastructure, Risk, and (In)Security", in: Myriam Dunn Cavelty and Kristian Soby Kristensen (eds) *Securing the Homeland: Critical Infrastructure, Risk, and (In)Security* (London: Routledge, 2008) (co-authored with Kristian Soby Kristensen), pp. 1-14.

"Like a Phoenix from the Ashes: The Reinvention of Critical Infrastructure Protection as Distributed Security", in: Myriam Dunn Cavelty and Kristian Soby Kristensen (eds) *Securing the Homeland: Critical Infrastructure, Risk, and (In)Security* (London: Routledge, 2008), pp. 40-62.

"Is Anything Ever New? Exploring the Specificities of Security and Governance in the Information Age", in: Myriam Dunn, Sai Felicia Krishna-Hensel, and Victor Mauer (eds), *Power and Security in the Information Age: Investigating the Role of the State in Cyberspace* (Aldershot: Ashgate, 2007), pp. 19-44.

"Information, Power, and Security – An Outline of Debates and Implications", in: Myriam Dunn, Sai-Felicia Krishna-Hensel, Victor Mauer (eds), *Power and Security in the Information Age: Investigating the Role of the State in Cyberspace* (Aldershot: Ashgate, 2007) (co-authored with Elgin Brunner), pp. 1-18.

"Conclusion", in: Myriam Dunn, Sai-Felicia Krishna-Hensel, Victor Mauer (eds), *The Resurgence of the State: Trend and Processes in Cyberspace Governance* (Aldershot: Ashgate, 2007), pp. 153-160 (co-authored with Victor Mauer)

"Conclusion", in: Myriam Dunn, Sai-Felicia Krishna-Hensel, Victor Mauer (eds), *Power and Security in the Information Age: Investigating the Role of the State in Cyberspace* (Aldershot: Ashgate, 2007), pp. 151-162 (co-authored with Victor Mauer)

"Securing the Digital Age: The Challenges of Complexity for Critical Infrastructure Protection and IR Theory", in: Johan Eriksson and Giampiero Giacomello (eds) *International Relations and Security in the Digital Age* (London: Routledge, 2007), pp. 85-105.

"Diskursanalyse: Die Entstehung der Nationalen Sicherheitsstrategie der USA", in: Alexander Siedschlag (ed.), *Methoden der sicherheitspolitischen Analyse: Eine Einführung* (Wiesbaden: VS Verlag für Sozialwissenschaften, 2006), pp. 189-217 (co-authored with Victor Mauer)

"Critical Information Infrastructure Protection - Organizational and Legal Aspects", in: Adrian V. Gheorghe et al. (eds) *Critical Infrastructures at Risk: Securing the European Electric Power System* (Dordrecht etc.: Springer, 2006), pp. 295-302 (co-authored with Isabelle Abele-Wigert, Adrian V. Gheorghe)

"Critical Information Infrastructure (CII) and Risk Analysis Framework", in: Adrian V. Gheorghe et al. (eds) *Critical Infrastructures at Risk: Securing the European Electric Power System* (Dordrecht etc.: Springer, 2006), pp. 271-293 (co-authored with Isabelle Abele-Wigert, Adrian V. Gheorghe)

"Introduction", in: Myriam Dunn and Victor Mauer (eds) *The International CIIP Handbook 2006: Analyzing Issues, Challenges, and Prospects (Vol. II)* (Zürich, Forschungsstelle für Sicherheitspolitik, 2006), pp. 7-23 (co-authored with Victor Mauer)

"Towards a Global Culture of Cyber-Security", in: Myriam Dunn and Victor Mauer (eds) *The International CIIP Handbook 2006: Analyzing Issues, Challenges, and Prospects (Vol. II)* (Zürich, Forschungsstelle für Sicherheitspolitik, 2006), pp. 191-206 (co-authored with Victor Mauer)

"Understanding Critical Information Infrastructures: An Elusive Quest", in: Myriam Dunn and Victor Mauer (eds) *The International CIIP Handbook 2006: Analyzing Issues, Challenges, and Prospects (Vol. II)* (Zürich, Forschungsstelle für Sicherheitspolitik, 2006), pp. 27-53.

"Part II: Overview of Methods and Models to Assess Critical Information Infrastructures", in: Andreas Wenger; Jan Metzger; Myriam Dunn (ed.) *The International Critical Information Infrastructure Protection (CIIP) Handbook* (Zürich, Forschungsstelle für Sicherheitspolitik und Konfliktanalyse, October 2002), pp. 111-173.

Varia, Consultancy Work (selection)

"From Cyberwar to Cybersecurity: Proportionality of Fear and Countermeasures", Munich Security Conference Booklet Paper, 5.2.2011 (with Oliver Rolofs)

"Risk Analysis: Risk Communication in the Public Sector", Focal Report for the Federal Office for Civil Protection (with Jonas Hagman, Jennifer Giroux), September 2009

"Critical Infrastructure Protection: Cybersecurity – Recent Strategies and Policies: An Analysis", Focal Report for the Federal Office for Civil Protection (with Elgin Brunner, Anna Michalkova, Manuel Suter), August 2009

"The Reality and Future of Cyberwar", in: Parliamentary Brief, April 2010.

"Impact of Known and Unknown Unknowns in Political Decision Making", in: International Disaster Reduction Conference Proceedings, Band 2, pp. 153-155, 2006.

Das Netz als Waffe, Politik Digital, online Dossier, 21.9.2006, http://www.politik-digital.de/edemocracy/cyberwar/int_sicherheit/060820_Myriam_Dunn_Ueberblicksartikel.shtml

"A Comparative Analysis of Cybersecurity Initiatives Worldwide", Background Paper for the WSIS Thematic Meeting on Cybersecurity, Document: CYB/05, 10 June 2005, 40 pages

Security in the Information Age - An e-Learning Course, 6 Modules, April 2005.
<http://www.isn.ethz.ch/crn/activities/elearning.information-age.cfm>