

Myriam Dunn Cavelty

Curriculum Vitae

Personal Data

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

Work Experience

10/2006- **Lecturer**, 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 Arme 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

- Spring 2010 **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)
- Autumn 2008 and 2009 **Contemporary Security Studies**
Elective Seminar, Master of Arts in Comparative and International Studies, ETH Zurich
- Spring 2008 **New Threats and Risks in a Global Security Environment**
Research Seminar, Master of Arts in Comparative and International Studies, ETH Zurich (with Andreas Wenger)
- HS 2007 **Contemporary Security Studies**
Elective Seminar, Master of Arts in Comparative and International Studies, ETH Zurich
- SS 2007 **American Foreign Policy and Transatlantic Relations**
Core Seminar, Master of Arts in Comparative and International Studies, ETH Zurich (with Victor Mauer and Andreas Wenger)
- WS 2006/2007 **Militär- und Sicherheitspolitik im Informationszeitalter**
Kolloquium at the University of Zurich
- WS 2006/2007 **Theory and Practice of Security**
Elective Seminar, Master of Arts in Comparative and International Studies, ETH Zurich (with Victor Mauer)

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

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Publications

Journal Articles (refereed)

"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*, 22, 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*, 2, 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 Obstinacy of Obsolescence of the State"*, *International Studies Review*, 11, 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*, 4, 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)

"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

"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* (Dodrecht 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* (Dodrecht 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)

"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>