

# ANNA PÉCZELI

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## EDUCATION

- 2010-2015 Ph.D. in International Relations: Corvinus University of Budapest – Hungary  
Thesis (in English): Shifting Away from Cold War Nuclear Thinking? – Nuclear Strategy under the Obama Administration
- 2005-2010 M.A. and B.A. in International Relations: Corvinus University of Budapest – Hungary  
Thesis (in Hungarian): The relationship of the U.S. and Saudi Arabia after 9/11

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## ACADEMIC APPOINTMENTS AND WORK EXPERIENCE

- 2019 – Lawrence Livermore National Laboratory: Center for Global Security Research (CGSR) – United States  
2019-2022: Post-Doctoral Research Fellow  
2022-present: Senior Fellow
- 2018-2019 Stanford University: The Europe Center (TEC) – United States  
Visiting Post-Doctoral Research Scholar
- 2017 – Stanford University: Center for International Security and Cooperation (CISAC) – United States  
Affiliate
- 2016-2017 Stanford University: Center for International Security and Cooperation (CISAC) – United States  
Stanton Nuclear Security Junior Faculty Fellow
- 2015-2018 National University of Public Service: Centre for Strategic and Defence Studies (CSDS) – Hungary  
Senior Research Fellow; Assistant Professor (tenured)
- 2014-2015 Antall József Knowledge Centre – Hungary  
Pre- and Post-Doctoral Research Scholar
- 2014-2016 Corvinus University of Budapest: Institute of International Studies – Hungary  
Assistant Lecturer
- 2013-2014 Federation of American Scientists (FAS) – United States  
Fulbright Fellow – Visiting Pre-Doctoral Research Scholar
- 2012-2013 Peace Research Institute Frankfurt (PRIF/HSFK) – Germany  
Visiting Pre-Doctoral Research Scholar
- 2012-2014 Hungarian Institute of International Affairs – Hungary  
Adjunct Fellow

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## TEACHING EXPERIENCE

Corvinus University of Budapest (Hungary)

- BA program in Hungarian: Methodological Studies; Introduction to International Relations Theory; History of International Relations from 1945; Regional Studies – Transatlantic Relations
- BA program in English: Arms Control Studies; U.S. Foreign Policy: Theoretical Frameworks, Actors, Cases
- MA program in English: Contemporary Issues in International Relations; International Development and Assistance; Multilateral Diplomacy

National University of Public Service (Hungary)

- MA program in English: Regional Security Studies – Transatlantic Relations; Arms Control Studies

Stanford University (United States)

- MS&E 193: Technology and National Security (guest lectures on Russia and NATO)

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## PUBLICATIONS

### ***Books and Book Chapters***

- 2025      Technology Competition and Arms Racing in U.S. Nuclear Weapons Policy. In: *In Search of Strategic Advantage: Understanding the Landscape of Technology Competition* (eds. Kimberly Peh and Michael Albertson). Livermore, CA: Center for Global Security Research, Occasional Papers (*forthcoming*)
- 2025      *Thinking Strategically About Risk Reduction: What Role Should It Play in a Two-Peer Security Environment?*. Livermore, CA: Center for Global Security Research, Livermore Papers on Global Security.
- 2023      Mapping the Evolving Debate: A Literature Review. In: *Morality and Nuclear Weapons: Practitioner Perspectives* (ed. Brad Roberts). Livermore, CA: Center for Global Security Research, Occasional Papers, pp.97-117.
- 2021      The New Domains, Emerging Technologies, and Strategic Competition. In: *Getting the Multi-Domain Challenge Right* (ed. Brad Roberts). Livermore, CA: Center for Global Security Research, Occasional Papers, pp.59-71. (co-author: Benjamin Bahney)
- 2021      The future of arms control in a multilateral and multi-domain environment. In: *NATO and the future of arms control* (ed. Dominik P. Jankowski). Rome: NATO Defence College, Policy Research Paper 21, pp.51-60.
- 2021      Defining the Needed Balance of Deterrence and Arms Control in Europe. In: *Europe's Evolving Deterrence Discourse* (eds. Amelia Morgan and Anna Péczeli). Livermore, CA: Center for Global Security Research, Occasional Papers, pp.74-92.
- 2020      *Technical Issues in the Comprehensive Nuclear Test Ban Treaty (CTBT) Ratification Debate: A 20-Year Retrospective*. Livermore, CA: Center for Global Security Research, Occasional Papers. (co-author: Bruce Goodwin)
- 2019      Comparing trends in Central European Countries' relations with the United States. In: *Central European Countries' Relations with the United States* (ed. Anna Péczeli). Budapest: National University of Public Service Press, pp.184-200.
- 2013      Deeper Reductions in US-Russian Strategic Nuclear Arsenals. In: *Panorama of Global Security Environment 2013* (eds. Marian Majer and Róbert Ondrejcsák). Bratislava: Centre for European and North Atlantic Affairs (CENAA), pp.137-155.
- 2012      Phased Adaptive Approach – Prospects for US-Russian Cooperation in the European Missile Defense System. In: *Panorama of Global Security Environment 2012* (eds. Marian Majer, Róbert Ondrejcsák and Vladimír Tarasovič). Bratislava: Centre for European and North Atlantic Affairs (CENAA), pp.169-186.
- 2011      The Wave of Revolutions in the Arab World – A New Turning Point in the American-Saudi Relations?. In: *Panorama of Global Security Environment 2011* (eds. Marian Majer, Róbert, Ondrejcsák, Vladimír Tarasovič, and Tomáš Valášek). Bratislava: Centre for European and North Atlantic Affairs (CENAA), pp.103-116.

### ***Peer Reviewed Journal Articles***

- 2025      Sizing the U.S. Nuclear Force for Adversarial Multipolarity (*publication under review*)
- 2025      The Quest for Strategic Advantages in a Multi-Domain Environment (*publication under review*)
- 2025      Managing Escalation: America's Two-peer Nuclear Problem. *Survival*, Volume 67, Issue 3, pp.25-48.
- 2024      Recalibrating Arms Control for Emerging Technologies. *The Washington Quarterly*, Volume 47, Issue 4, pp.155-175.
- 2023      Strategic Stability and the Future of Arms Control. *Per Concordiam – Journal of European Security and Defense Issues*. Volume 12, Issue 3, pp.54-59.

- 2018 The Trump Administration's Nuclear Posture Review: Back to Great Power Competition. *Journal for Peace and Nuclear Disarmament*. Volume 1, Issue 2, pp.1-18.
- 2017 Best Options for the Nuclear Posture Review. *Strategic Studies Quarterly*. Volume 11, Issue 3, pp.73-94.
- 2017 The future of US–Russian nuclear deterrence and arms control. *The Bulletin of the Atomic Scientists*. Volume 73, Issue 4, pp.271-278. (co-authors: Tatiana Anichkina and Nickolas Roth)
- 2017 Russia, NATO, and the INF Treaty. *Strategic Studies Quarterly*. Volume 11, Issue 1, pp.66-99. (co-author: Ulrich Kühn)
- 2015 The Modernization of the B61 Gravity Bombs and the Problem of Misconceptions. *Center for Security and Defense Studies Analyses*. Volume 13, No. 16, pp.1-7.
- 2015 The Iranian nuclear deal in the cross section of great power interests. *Center for Security and Defense Studies Analyses*. Volume 13, No. 15, pp.1-25. (co-authors: Zoltán Gálik, Tamás Matura, Erzsébet N. Rózsa, László Póti, Máté Szalai)
- 2015 Nuclear Arms Control: Implications from the Crisis in Ukraine. *NATO Defense College Research Papers*. Volume 12, No. 108, pp.1-12. (co-author: Dániel Bartha)
- 2015 Nuclear Attitudes in Central Europe. *EU Non-Proliferation Papers*. Volume 5, No. 42, pp.1-15. (co-author: Erzsébet N. Rózsa)
- 2014 Hedging and Strategic Stability. *Public Interest Report – The Journal for Science and Security*. Volume 67, Issue 1, Winter 2014.
- 2013 From nuclear weapons to WMD: the history and development of regional 'free zone' arrangements. *EU Non-Proliferation Papers*. Volume 3, No. 31, pp.1-19.

#### **Research Papers, Commentary and Reports**

- 2025 Extended Deterrence in a Multipolar Nuclear World. *Center for Global Security Research – Workshop Summary*. March 2025 (co-authors: Maximilian Hoell, Anthony Blevans, Caroline Wesson, Kimberly Peh, Ryan Christenson, Daniel Allen, and Rupal Mehta)
- 2025 A New Axis? Bloc Rivalry and the Future of Conflict. *Center for Global Security Research – Workshop Summary*. February 2025 (co-authors: Asmeret Asghedom, Anthony Blevans, Ryan Christenson, Maximilian Hoell, Rupal Mehta, and Caroline Wesson)
- 2024 Extended Deterrence in the Indo-Pacific: A Regional Track 1.5 Dialogue. *Center for Global Security Research, National Institute for Defense Studies, Korean Institute for Defense Analyses, Australian Strategic Policy Institute – Workshop Summary*. November 2024 (co-authors: Ross Buchanan, Lesley Kucharski, and Kimberly Peh)
- 2024 Strategic Weapons in the 21st Century – Nuclear Deterrence in a “Fundamentally Different Global Setting”. *Center for Global Security Research – Workshop Summary*. April 2024 (co-authors: Brian McHale Cook, and Gabrielle Frances Gundry)
- 2023 Long-Term Competition and Nuclear Deterrence. *Center for Global Security Research – Workshop Summary*. December 2023 (co-authors: Ross Buchanan, Ryan Christenson, Maximilian Hoell, Madeleine Lambert, Kaitlyn Lenkeit, and Kimberly Peh)
- 2023 How Do Non-State Entities Taking Actions in a Crisis or Conflict Impact Escalation and Deterrence?. *Strategic Multilayer Assessment study series, USSTRATCOM*. December 2023.
- 2023 Strategic Weapons in the 21st Century – Nuclear Deterrence at the “Inflection Point”. *Center for Global Security Research – Workshop Summary*. April 2023 (co-authors: Brian McHale Cook, Phoebe DeVos-Cole, and Edward Jenner)
- 2023 The Morality of Nuclear Deterrence. *Center for Global Security Research – Policy Primer*, February 2023.
- 2022 Nuclear decision-making, complexity and emerging and disruptive technologies: A comprehensive assessment. *European Leadership Network*, February 2022 (co-authors: Brian Radzinsky, and Jacek Durkalec)

- 2021 Multipolarity and U.S. Nuclear Strategy. *Center for Global Security Research Workshop Summary*. December 2021 (co-authors: Lauren Borja, Jacek Durkalec, and Brian Radzinsky)
- 2021 The Role of Nuclear-Conventional Intermingling on State Decision-making and the Risk of Inadvertent Escalation. *Strategic Multilayer Assessment study series, USSTRATCOM*. November 2021. (co-author: Benjamin Bahney)
- 2021 Redesigning Nuclear Arms Control for New Realities. *ETH Zürich, Center for Security Studies*. November 2021 (co-authors: Brad Roberts, Jonas Schneider, Adam Thomson, Oliver Thränert, and Heather Williams).
- 2021 Strategic Weapons in the 21st Century – The U.S. Nuclear Deterrent in 2030 and Beyond: Fit for Purpose? *Center for Global Security Research Workshop Summary*. September 2021 (co-authors: Brian Radzinsky, and Margaret Root)
- 2021 Multi-Domain Complexity and Strategic Stability in Peacetime, Crisis, and War. *Center for Global Security Research Policy Primer*. February 2021 (co-authors: Jacek Durkalec, Zachary Davis, Lauren Borja, Krystyna Marcinek, Brian Radzinsky, and Brandon Williams)
- 2021 U.S. Nuclear Declaratory Policy 2021: The Renewed Debate About Sole Purpose and No-First-Use. *Center for Global Security Research Policy Primer*. February 2021.
- 2020 The 2021 Defense Strategy Review and Modern Strategic Conflict. *Center for Global Security Research Workshop Summary*. December 2020 (co-authors: Jessica Budlong, Krystyna Marcinek, Brian Radzinsky, Emily Tuomala, Brandon Williams)
- 2020 The Next U.S. Strategic Posture—And the Posture After Next. *Center for Global Security Research Workshop Summary*. July 2020 (co-authors: Megan Cordone, Henry Gilchrist, Kayleigh Haskin)
- 2020 Fit for Purpose? The U.S. Nuclear Posture in 2030 and Beyond. *Center for Global Security Research Workshop Summary*. June 2020 (co-authors: James Blumhoff, Taylor Lamoureaux, Brice Richmond, Murry Smith)
- 2020 Nuclear Risk Reduction in an Era of Major Power Rivalry. *Center for Global Security Research Workshop Summary*. February 2020 (co-authors: Ugne Komzaite, Benjamin Silverstein, Skyler Stokes)
- 2019 Five Reasons Why the US Should Not Withdraw from the Open Skies Treaty. *The Bulletin of the Atomic Scientists*. December 2019.
- 2019 Winning Conventional Regional Wars Against Nuclear-Armed Adversaries. *Center for Global Security Research Workshop Summary*. November 2019 (co-authors: Brandon Cortino, Jacek Durkalec, William Heerdt, Pablo Alonso Garcia)
- 2018 What the death of the INF Treaty means for Europe. *European Leadership Network*. October 2018.
- 2018 Continuity and change in the Trump administration's Nuclear Posture Review. *The Bulletin of the Atomic Scientists*. February 20, 2018.
- 2017 The next Nuclear Posture Review: Bring in State, Energy and allies. *The Bulletin of the Atomic Scientists*. April 25, 2017.
- 2015 A Nuclear Weapon-Free Zone in Europe: Concept – Problems – Chances. *Federal Ministry for Europe, Integration and Foreign Affairs of the Republic of Austria*. May 2015, pp. 1-92. (co-authors: Harald Müller, Giorgio Franceschini, Aviv Melamud, Daniel Müller, Annette Schaper)
- 2014 Negotiated cuts: A new nuclear weapons treaty is not the only option. *The Bulletin of the Atomic Scientists*. Voices of Tomorrow, January 2014.
- 2013 Modest Confidence- and Security-building Measures for the Middle East – No-first Use Declarations, Transparency Measures, and Communication Structures. *Academic Peace Orchestra Middle East: Policy Brief No. 20*, July 2013. pp. 1-8. (co-author: Marc Finaud)
- 2011 Middle Eastern Perceptions and Attitudes to the Proposed Nuclear-Weapon-Free Zone. Grotius – *Online Journal of the Institute of International Studies*, Corvinus University of Budapest. pp.1-16.

## Online Talks and Podcasts

2025	<a href="#">What Role Should Risk Reduction Play in a Two-Peer Security Environment?</a> . SMA STRATCOM Speaker Series, June 2025.
2025	<a href="#">Deterrence and escalation maneuver in a two-peer environment: Developing a new escalation management strategy for the United States</a> . SMA STRATCOM Speaker Series, January 2025.
2024	<a href="#">Russia and the Comprehensive Nuclear Test-Ban-Treaty</a> . International Institute for Strategic Studies – Arms Control Poseur Podcast, Season 2, Episode 8, May 2024.
2023	<a href="#">How do Non-State Entities Taking Actions in a Crisis or Conflict Impact Escalation and Deterrence?</a> . SMA STRATCOM Speaker Series, December 2023.
2022	<a href="#">Non-Nuclear Weapons and Strategic Stability in Europe</a> . International Institute for Strategic Studies, April 2022.
2021	<a href="#">Redesigning Nuclear Arms Control for New Realities</a> . ETH Zurich – Center for Security Studies, Report Launch. December 2021.
2021	<a href="#">Challenges to 21st Century Deterrence (Part I)</a> . SMA STRATCOM Speaker Series, November 2021.
2021	<a href="#">Nuclear Risk Reduction: Friction Points</a> . UNIDIR – the UN Institute for Disarmament Research, Expert Roundtable, October 2021.
2021	<a href="#">Key Elements of the 2021 Nuclear Posture Review</a> . SMA STRATCOM Speaker Series, July 2021.
2021	<a href="#">Europe’s Evolving Deterrence Discourse</a> . Center for Global Security Research – Meet the Authors, March 2021.
2020	<a href="#">Technical Issues in the CTBT Ratification Debate</a> . Center for Global Security Research – Meet the Authors, October 2020.
2020	<a href="#">U.S. Nuclear Policy from the Cold War to 2020—A Comparative Analysis of the Nuclear Posture Reviews</a> . SMA STRATCOM Speaker Series, August 2020.
2017	<a href="#">Nuclear Weapon-Free-Zones (NWFZ) and WMD-Free Zones (WMDFZ)</a> . EU Non-proliferation and Disarmament Consortium, eLearning Course on Non-proliferation, Disarmament and EU Policies, October 2017.

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## GRANTS, AWARDS AND SPECIALIZED TRAININGS

2018	<a href="#">Grant</a> : Rosztoczy Foundation Post-Doctoral Research Scholarship Award – United States
2016-2017	<a href="#">Grant</a> : Stanton Nuclear Security Fellowship Award – United States
2013-2014	<a href="#">Grant</a> : Fulbright Pre-Doctoral Research Scholarship Award – United States
2015	<a href="#">Training</a> : US mission to NATO and US Embassy Budapest: NATO Training Program for Policymakers from Hungary – Belgium
2015	<a href="#">Training</a> : Institute on Global Conflict and Cooperation – Nuclear Science and Security Consortium at the University of California: 2015 Public Policy & Nuclear Threats Boot Camp – United States
2014-2015	<a href="#">Grant</a> : Antall József Knowledge Centre Post-Doctoral Research Scholarship Award – Hungary
2014	<a href="#">Training</a> : Union of Concerned Scientists (UCS): 26th International Summer Symposium on Science and World Affairs (Princeton University) – United States
2013	<a href="#">Grant</a> : Campus Hungary Foreign Policy Scholarship Award – Hungary
2012	<a href="#">Training</a> : Intensive Policy Course at the Comprehensive Nuclear Test-Ban Treaty Organization (CTBTO) Preparatory Commission: Multilateral Verification, Collective Security – Austria
2009-2010	<a href="#">Grant</a> : Scholarship of the Hungarian Republic, Ministry of Education – Hungary

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## MAIN RESEARCH PROJECTS

2025 –	Center for Global Security Research: de-escalation and war termination
2024 – 2025	US STRATCOM tri-lab analytic agenda: sizing the U.S. nuclear force for adversarial multipolarity
2023 – 2024	Center for Strategic and International Studies: arms control and emerging technologies
2023 – 2024	US STRATCOM tri-lab analytic agenda: escalation maneuver in a two-peer environment
2023 – 2025	Center for Global Security Research: strategic risk reduction in a multi-domain environment
2022 – 2023	US STRATCOM tri-lab analytic agenda: non-state actors and escalation dynamics
2021 –	Center for Global Security Research: emerging technologies and the future of deterrence and arms control
2021 – 2022	Center for Global Security Research and European Leadership Network: emerging technologies and nuclear decision making
2021	US STRATCOM tri-lab analytic agenda: conventional-nuclear entanglement
2020 – 2021	Eidgenössische Technische Hochschule Zürich: redesigning arms control for new realities
2020 – 2021	Center for Global Security Research, Center for Strategic and International Studies and Science Applications International Corporation: the deterrence discourse in Europe
2019 – 2020	Center for Global Security Research: technical issues around the CTBT and the U.S. testing moratorium
2019 –	Center for Global Security Research: changes and continuities in U.S. nuclear posture
2018 – 2019	Stanford University – The Europe Center: NATO’s nuclear posture since Russia’s annexation of Crimea
2016 – 2017	Stanford University – Center for International Security and Cooperation: U.S. nuclear strategy
2015 – 2017	European Union Non-Proliferation and Disarmament eLearning Course, Unit 6 – Nuclear Weapon-Free Zones and WMD-Free Zones
2013 – 2014	Federation of American Scientists: the evolution of U.S. nuclear posture from the Cold War
2013	U.S. Department of Homeland Security Center of Excellence: National Consortium for the Study of Terrorism and Responses to Terrorism (START) – Co-author: the status of nuclear security in Hungary
2013	Governments of Austria and Switzerland: Co-author of the “ <i>A Nuclear Weapon-Free Zone in Europe: Concept – Problems – Chances</i> ” policy report

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## ACADEMIC MEMBERSHIPS

2018 – 2022	Center for Strategic and International Studies – Project on Nuclear Issues Mid-Career Cadre: Member
2014 – 2016	Berlin Group – International Coalition for CBRN Security Culture: Member
2014 – 2018	Hungarian Fulbright Association: Member of the Executive Board
2014 – 2016	European Parliament – European Defence and Security Network: Member
2013 – 2016	European Consortium for Political Research: Member
2013 – 2017	International Studies Association: Member
2012 – 2013	International Institute for Strategic Studies: Member
2012 –	EU Non-Proliferation and Disarmament Consortium: Member
2011 – 2021	International Student/Young Pugwash (ISYP): Member (Chair of the ISYP Executive Board: 2015-2021)

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## LANGUAGE SKILLS

Hungarian	Native
English	Bilingual proficiency (advanced language exam completed in Hungary)
Spanish	Limited working proficiency (advanced language exam completed in Hungary)
French	Limited working proficiency (advanced language exam completed in Hungary)
Russian	Elementary