



Valeriia Hesse

(She/Her)
Ukraine

Valeriia Hesse is an Analyst at Open Nuclear Network (ONN) working on countering disinformation and a non-resident fellow at the Odesa Center for Nonproliferation (OdCNP). She is also obtaining a PhD in Political Science at Central European University

(CEU). Her professional focus is on nuclear diplomacy, including international organizations and regimes in nonproliferation, nuclear risk reduction, nuclear security, arms control, and disarmament. She is a certified PRINCE2 project manager with extensive experience in international educational event and conference management, eager to improve and innovate.

Valeriia was a visiting researcher at the James Martin Center for Nonproliferation Studies (CNS), a consultant at the World Institute for Nuclear Security (WINS), and an intern at the Division of Concepts and Planning at the International Atomic Energy Agency (IAEA) Department of Safeguards and Carnegie Endowment for International Peace (CEIP). Valeriia is a Fulbright scholar and obtained her Master's degree in Nonproliferation and International Security from the University of Georgia (USA) and has a Bachelor's and a Master's in International Relations from Odesa I.I. Mechnykov National University (Ukraine).

Valeriia was the Annual Meeting Plenary Committee Chair at the Institute for Nuclear Materials Management (INMM) and is a member of Black Sea Women in Nuclear Network (BSWN), Women in Nuclear (WiN) IAEA, Young Generation European Leadership Network (YGLN), and US-Black Sea Nonproliferation Professional Exchange.

Publications:

Book Chapters

- U-Factor: Russia's War on Ukraine and the Deterrence vs. Disarmament Discussion. Pragmatic Internationalism (2023) https://link.springer.com/chapter/10.1007/978-3-031-32221-1_12

- Strategic Risk Reduction in the Black Sea Region (2022) https://link.springer.com/chapter/10.1007/978-3-031-03891-4_14
- Russia's Foreign and Security Policy: The Evolution of the Escalation Strategy (2022) https://link.springer.com/chapter/10.1007/978-3-031-03891-4_3
- Contributed to the research behind "Is It a Nuke?: Pre-Launch Ambiguity and Inadvertent Escalation" (2020) <https://carnegieendowment.org/2020/04/09/is-it-nuke-pre-launch-ambiguity-and-inadvertent-escalation-pub-81446>

Conference Papers

- Accelerating Safeguards Innovations (2021) <https://resources.inmm.org/annual-meeting-proceedings/accelerating-safeguards-innovations>
- Undergirding the IAEA: How Regional Safeguards Agreements Can Take the Pressure Off (2018) https://inis.iaea.org/search/search.aspx?orig_q=RN:51010230

Articles, Policy Briefs, Reports

- Success Beyond Final Documents: Strategic Recommendations for the 2026 NPT Review Conference (upcoming, 2024), Arms Control and Negotiation Academy (ACONA) Policy Brief
- How Doing Justice to Ukraine Can Help Win the Battle for the Future of Nuclear Security (2023) <https://www.stimson.org/2023/how-doing-justice-to-ukraine-can-help-win-the-battle-for-the-future-of-nuclear-security/>
- Strengthening the nuclear order: Pragmatic internationalism amid Russia's war against Ukraine (2023) <https://www.europeanleadershipnetwork.org/commentary/strengthening-the-nuclear-order-pragmatic-internationalism-amid-russias-war-against-ukraine/>
- Winning the Game of Chicken With Memes: Ukrainian Reactions to Russian Threats (2023) <https://www.armscontrol.org/act/2023-06/features/winning-game-chicken-memes-ukrainian-reactions-russian-threats>
- Northeast Asia Consequences of Nuclear Escalation in Ukraine (2023) <https://opennuclear.org/publication/onn-expert-roundup-northeast-asia-consequences-nuclear-escalation-ukraine>
- Learning from the JCPOA Experience: Restarting Dialogue Aimed at Crisis Resolution (2023) <https://opennuclear.org/publication/learning-jcpoa-experience-restarting-dialogue-aimed-crisis-resolution>
- A Ukrainian expert assesses the possible impact of a military attack on the Zaporizhzhia nuclear power plant (2022) https://thebulletin.org/2022/09/a-ukrainian-expert-assesses-the-possible-impact-of-a-military-attack-on-the-zaporizhzhia-nuclear-power-plant/?utm_source=Twitter&utm_medium=SocialMedia&utm_campaign=TwitterPost09032022&utm_content=NuclearRisk_UkrainianAssessZNPP_09022022#post-heading
- Intermediate-Range Nuclear Forces Treaty (INF): The Path Forward (2018) <https://kozmetzkycenter.org/briefing-january2019/>
- Nuclear Security Culture for Users of Radioactive Sources: Model, Self-assessment, Enhancement (2017) <http://spia.uga.edu/wp-content/uploads/2017/11/CRP-report-final-November-2017.pdf>

Academic Works

- Export Control Instruments: Duplication of Effort (2019, Ukrainian) http://www.irbis-nbuv.gov.ua/cgi-bin/irbis_nbuv/cgiirbis_64.exe?I21DBN=LINK&P21DBN=UJRN&Z21ID=&S21REF=10&S21CNR=20&S21STN=1&S21FMT=ASP_meta&C21COM=S&2_S21P03=FILA=&2_S21STR=pollife_2020_1_18
- "Atoms for Peace" without Atoms: Why Non-Nuclear States Join the IAEA (2019) http://journals.iir.kiev.ua/index.php/pol_n/article/view/4131

- 1540 Impact: Substantive Normative Changes after 2004? (2019) <https://eppd13.cz/wp-content/uploads/2020/2020-7-1/04.pdf>
- The CTBT: Possible Subsequent Domino Effect Of The U. S. Ratification In The Context Of The Global Nuclear Nonproliferation Regime (2015) <http://odcnp.com.ua/nuclear-policy-usa/202-the-ctbt-possible-subsequent-domino-effect-of-the-u-s-ratification-in-the-context-of-the-global-nuclear-nonproliferation-regime>
- Nuclear Programs of India Pakistan: "The Domino Effect" or the Transformation of Nuclear Nonproliferation Regime? (2014, Russian) http://odcnp.com.ua/images/pdf/Lozova_2014.pdf

She can provide mentorship in **English and Ukrainian**.

MENTORSHIP TOPICS

Topic 1: Career Development

The course will provide information about strategizing your career path, planning publications, extracurricular activities, internships, and professional memberships. We will also answer the following questions: How to navigate job market if you do not come from a privileged background? What can you do if finding a job turns out to be challenging? How to not give up after rejections and perceived failures? How to gain confidence in what you do and what you are? How to reduce imposter syndrome? How to boost your portfolio?

Duration: 2 hours (1 per month) consisting of presentations, discussions, personalized consultations

Topic 2: Any topic of mentee's interest from the list

The course will provide information about the topic of mentee's interest as he / she identifies from the variety of themes and fields Valeriia has worked on throughout her career.

- *U-Factor: Russia's War on Ukraine and the Deterrence vs. Disarmament Discussion. Pragmatic Internationalism;*
- *Russia's Foreign and Security Policy: The Evolution of the Escalation Strategy;*
- *Contributed to the research behind "Is It a Nuke?: Pre-Launch Ambiguity and Inadvertent Escalation";*
- *Accelerating Safeguards Innovations;*
- *Undergirding the IAEA: How Regional Safeguards Agreements Can Take the Pressure Off;*
- *Success Beyond Final Documents: Strategic Recommendations for the 2026 NPT Review Conference (upcoming, 2024), Arms Control and Negotiation Academy (ACONA) Policy Brief;*
- *How Doing Justice to Ukraine Can Help Win the Battle for the Future of Nuclear Security ;*
- *Strengthening the nuclear order: Pragmatic internationalism amid Russia's war against Ukraine Winning the Game of Chicken With Memes: Ukrainian Reactions to Russian Threats;*
- *Northeast Asia Consequences of Nuclear Escalation in Ukraine;*
- *Learning from the JCPOA Experience: Restarting Dialogue Aimed at Crisis Resolution;*

- *A Ukrainian expert assesses the possible impact of a military attack on the Zaporizhzhia nuclear power plant ;*
- *Intermediate-Range Nuclear Forces Treaty (INF): The Path Forward ;*
- *Nuclear Security Culture for Users of Radioactive Sources: Model, Self-assessment, Enhancement;*
- *Export Control Instruments: Duplication of Effort;*
- *"Atoms for Peace" without Atoms: Why Non-Nuclear States Join the IAEA;*
- *1540 Impact: Substantive Normative Changes after 2004?;*
- *The CTBT: Possible Subsequent Domino Effect Of The U. S. Ratification In The Context Of The Global Nuclear Nonproliferation Regime;*
- *Nuclear Programs of India Pakistan: "The Domino Effect" or the Transformation of Nuclear Nonproliferation Regime?*

Duration: 4 hours (1 per month) consisting of discussions and personalized consultations, if required;

Good luck and look forward to meeting you!