

MARGARITA KRYLOVA

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Relocating to NYC in May 2026, with experience in clinical practice, AI in medicine, and medical ethics. Seeking healthcare and life sciences consulting roles that integrate analytical problem-solving with collaborative, client-focused engagement to deliver actionable insights and advance innovation in patient care and medical technology.

EDUCATION

Harvard Medical School — Boston, MA

Expected May 2026

Master of Science, Bioethics | **GPA (1st semester):** 4.0

- Capstone: “A Patient Decision Aid for Artificial Intelligence in Healthcare: Balancing Autonomy, Trust, and Choice”
- Relevant Coursework: Clinical Ethics, Research Ethics, Foundations of Bioethics

Duke University — Durham, NC

Aug 2022 - May 2025

Bachelor of Science in Neuroscience; Minors in Chemistry & Russian Literature; Pre-Health | **GPA:** 3.7

- Undergraduate Thesis: *SMARCAL1 and DNA Replication Stress in ALT+ Glioma Cells* (Graduation with Distinction)
- Relevant Coursework: Leadership in Healthcare, Functional Neuroanatomy, Independent Study, Medical Ethics, Personal Finance

PROFESSIONAL EXPERIENCE

Carbon Health

Jun 2025 - Present

Medical Assistant, CVS Clinic with Carbon Health Urgent Care

- Delivered care for 15–30 patients per shift while optimizing workflow with multidisciplinary teams (physicians, PAs, NPs)
- Managed patient intake, EMR documentation, and insurance verification, reducing administrative bottlenecks
- Supported high-volume urgent care operations, enhancing efficiency and patient experience

Duke University Health System

Mar 2024 - Aug 2024

Clinical Technician II – In-Patient 3rd-shift Phlebotomy, Duke University Hospital

- Collected blood specimens for 35–40 inpatients per overnight shift with accuracy and efficiency
- Maintained infection control protocols and collaborated with clinical teams to support informed care decisions

RESEARCH

MESH Incubator, Massachusetts General Hospital

Aug 2025 - Present

- Conducting a study on clinician attitudes toward LLM adoption and oversight in healthcare
- Manuscript submitted to *JMIR*

Surgical Ethics Working Group, Harvard Medical School

Jun 2025 - Present

Logistics Co-Coordinator & Surgical Ethics Researcher, Harvard Medical School Center for Bioethics

- Co-coordinating working group operations, including meeting schedules, communications, and membership management
- Leading two systematic reviews examining ethical implications of AI in robotic surgery and AI in surgical training programs

Neurosurgical Equitable Wellness Lab, Massachusetts General Hospital

Oct 2024 - Present

Neurosurgical Researcher, MGH Neurosurgery

- Leading study assessing medical student preparedness to address real-world health equity challenges
- Conducting systematic review on environmental and demographic impacts on stroke recovery in women for actionable insights

UC Irvine Health

June 2024 - July 2025

Health Informatics Researcher, Advanced Endoscopic & Outpatient Spine Program

- Directed comparative effectiveness study of GPT-4o vs. Claude 3.5 Sonnet for patient education
- Managed full project lifecycle; manuscript submitted to *World Neurosurgery*; poster presented at ABRCMS 2025

Hauck Lab, Duke University Health System

Dec 2023 - May 2025

Clinical Researcher, DukeHealth Neurosurgery

- Completed systematic review and case study of spontaneous/traumatic intraorbital AVFs (~29 cases worldwide since 1974)
- Published in *Journal of Neurosurgery: Case Lessons*

Waitkus Lab, The Preston Robert Tisch Brain Tumor Center at Duke

Oct 2022 - May 2025

Translational Researcher, Duke Health Neurosurgery

- Investigated DNA replication stress and *SMARCAL1* role in ALT+ glioma cells to enhance chemotherapy sensitivity

- Published in *Neuro-Oncology*

RELEVANT LEADERSHIP EXPERIENCE

IvyLeague+ Pre-Health Society @ Duke	Oct 2023 - Present
<i>Organization Founding President & Conference Co-Founding Consultant</i>	
<ul style="list-style-type: none"> Founded and scaled the Duke chapter of a national pre-health network to 250+ members Led 8 executive members and 23 committee members to run initiatives, volunteering, and events, including programming with high-profile speakers (Dr. Atul Gawande, Dr. Birx, Dr. Karikó & Dr. Weissman) Co-founded and organized Duke's inaugural undergraduate-led national pre-health research conference (150+ projected attendees) connecting students across institutions. 	
Duke Presidential Ambassadors	Mar 2023 - May 2025
<i>Ambassador & New Member Coordinator (Promoted from Recruitment Committee Member in 1 year)</i>	
<ul style="list-style-type: none"> Selected as one of 16 ambassadors from 200+ applicants to represent Duke at high-profile events and lead campus tours for distinguished guests Collaborated with the Offices of Alumni Relations and the President to strengthen stakeholder engagement and campus community initiatives 	
TEDxDuke	Aug 2022 - May 2025
<i>Vice President (Promoted from Sponsorship Chair and Committee Member in 2 years)</i>	
<ul style="list-style-type: none"> Directed sponsorship operations and finances, managing partnerships with 10+ organizations and a 5-member team to secure funding for the annual conference with 12 speakers and 300+ attendees Oversaw speaker selection, event logistics, and cross-functional coordination to ensure successful execution of TEDxDuke events 	
Duke Medical Ethics Journal	Aug 2024 - May 2025
<i>Ethics Blog Writer</i>	
<ul style="list-style-type: none"> Authored scholarly blog posts analyzing ethical challenges in clinical care, including end-of-life nutrition, eating disorders, and health equity 	
Mayo Clinic Neurosurgery Journal Club	May 2024 - May 2025
<i>Journal Club Member</i>	
<ul style="list-style-type: none"> Analyzed pivotal neurosurgery research articles and evaluated treatment modalities for evidence-based patient care Contributed to a collaborative environment focused on continuous improvement 	
Duke Undergraduate Research Support (URS) Office	Jan 2024 - May 2025
<i>URS Student Advisory Council Member</i>	
<ul style="list-style-type: none"> Advised URS office on research policies and programming to enhance undergraduate research experience campus-wide 	

PROGRAMS & FELLOWSHIPS

Duke Summer Undergraduate Research Neuroscience Fellowship	Jun 2024 - Aug 2024
Draw Your Way Through Medicine Fellowship	Jun 2024 - Aug 2024
Mayo Clinic Undergraduate Plummer Scholars (UPS) & Virtual Extension Programs	Oct 2023 - May 2024
Penny Pilgram George Women's Leadership Initiative	Sep 2023 - May 2024
Duke FOCUS: Medicine, Ethics, & Health Policy	Aug 2022 - May 2023

AWARDS & GRANTS

Dean's Scholarship for HMS Master's Students	Jun 2025
Duke URS: Conference Grant (x2), DiSTEM Award	Sept 2023, Jan 2024, Nov 2024

SKILLS

Skills: Data Analysis & Strategic Problem Solving • Clinical Study Design & Project Management • Market Research & Assessment • Evidence-Based Strategy Development • Client & Cross-Functional Collaboration • Communication • Regulatory & Ethical Compliance • Performance Under Pressure • Artificial Intelligence • Time Management
Tools: Python, R, RedCap, Prism, EHR Systems, Zotero, Paperpile, PowerPoint, Excel
Languages: Trilingual – Russian, English, Ukrainian
Interests: Research & Ethics, Travel, Yoga & Meditation, Reading (Psychology, Russian Classics, Medical), Painting