

MARGARITA KRYLOVA

Clinical Researcher

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Researcher, relocating to NYC in May 2026, with experience in clinical and translational research, AI in medicine, and medical ethics. Seeking industry clinical research roles to leverage leadership experience, expertise in study design, data management, and collaboration. Committed to innovative and responsible research that advances evidence-based medicine, patient outcomes, and medical technology.

EDUCATION

Harvard Medical School — Boston, MA

Expected May 2026

Master of Science, Bioethics

- Capstone: “*A Patient Decision Aid for Artificial Intelligence Use 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

LICENSES & CREDENTIALS

Nationally Certified Phlebotomy Technician

National Registry of Allied Health Professionals, Credential ID: NPCN-16961-6068 (Exp: 10/2025)

National Performance Specialists (NPS), Credential ID: 4724219427MK (Exp: 02/2026)

Biotechnician Assistant Credential

Biotility, Credential ID: 32648389

American Red Cross

Adult First Aid/CPR/AED, Credential ID: 018I956

PROFESSIONAL EXPERIENCE

Carbon Health

Jun 2025 - Present

Medical Assistant, CVS Clinic with Carbon Health Urgent Care

- Deliver care for 15–30 patients per shift while optimizing workflow with multidisciplinary teams (physicians, PAs, NPs)
- Manage patient intake, EMR documentation, and insurance verification, reducing administrative bottlenecks
- Support 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

Clinical AI Researcher

Aug 2025 - Present

MESH Incubator, Massachusetts General Hospital

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

Surgical Ethics Working Group

Jun 2025 - Present

Logistics Co-Coordinator, 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

Massachusetts General Hospital, Neurosurgical Equitable Wellness Lab

Oct 2024 - Present

Neurosurgery Ethics Researcher, MGH Neurosurgery

- Leading medical student education study evaluating preparedness of medical training to address real-world health equity challenges
- Conducting a systematic review examining environmental and demographic impacts on stroke recovery in women

UC Irvine Health	June 2024 - July 2025
<i>Health Informatics Researcher, Advanced Endoscopic & Outpatient Spine Program</i>	
<ul style="list-style-type: none"> • Led comparative effectiveness study of GPT-4o vs. Claude 3.5 Sonnet for patient education on endoscopic spine procedures, managing full project lifecycle from design through manuscript preparation • Manuscript submitted for publication in <i>World Neurosurgery</i>; poster presentation will be given at ABRCMS 2025 	
Duke University Health System	Dec 2023 - May 2025
<i>Clinical Researcher, DukeHealth Neurosurgery</i>	
<ul style="list-style-type: none"> • Completed systematic review and case study of spontaneous/traumatic intraorbital AVFs (~29 cases worldwide since 1974) • Published in <i>Journal of Neurosurgery: Case Lessons</i> 	
The Preston Robert Tisch Brain Tumor Center at Duke	Oct 2022 - May 2025
<i>Translational Researcher, Waitkus Lab, Duke Health Neurosurgery</i>	
<ul style="list-style-type: none"> • Investigated DNA replication stress and <i>SMARCAL1</i> role in ALT+ glioma cells to enhance chemotherapy sensitivity • Performed Western blots, IF-FISH, confocal imaging, and computational analysis 	
RELEVANT LEADERSHIP EXPERIENCE	
IvyLeague+ Pre-Health Society @ Duke	Oct 2023 - Present
<i>Founding President, Duke University</i>	
<ul style="list-style-type: none"> • Founded and led Duke chapter of a multi-institutional pre-health organization connecting students across top 20 universities • Co-founded and organizing inaugural pre-health research conference – the first undergraduate-led national conference at Duke, open to students across all institutions nationally 	
Duke Medical Ethics Journal	Aug 2024 - May 2025
<i>Ethics Blog Writer, Duke University</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, Mayo Clinic</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: Clinical Study Design & Project Management • Systematic Review & Data Analysis • Scientific Writing & Manuscript Preparation • Team Leadership & Cross-Institutional Collaboration • Stakeholder Communication & Coordination • Regulatory Compliance • Event Planning & Logistics Management • Large Language Models	
Tools: Python, R, Cell Profiler, Prism, RedCap, EHR systems, Zotero, Paperpile, BioRender, LLM APIs	
Languages: Tri-Lingual (Russian, English, Ukrainian)	
Interests: Research & Ethics, Travel, Yoga & Meditation, Painting, Reading (Psychology, Russian Classics, Medical), AI	