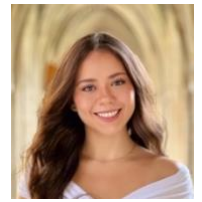


# MARGARITA KRYLOVA

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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

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### Harvard Medical School — Boston, MA

Expected May 2026

*Master of Science, Bioethics* | GPA (1<sup>st</sup> 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

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### 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 3<sup>rd</sup>-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

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### 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

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<b>IvyLeague+ Pre-Health Society @ Duke</b>	<b>Oct 2023 - Present</b>
<i>Organization Founding President &amp; Conference Co-Founding Consultant</i>	
<ul style="list-style-type: none"> <li>• Founded and scaled the Duke chapter of a national pre-health network to 250+ members</li> <li>• 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 &amp; Dr. Weissman)</li> <li>• Co-founded and organized Duke's inaugural undergraduate-led national pre-health research conference (150+ projected attendees) connecting students across institutions.</li> </ul>	
<b>Duke Presidential Ambassadors</b>	<b>Mar 2023 - May 2025</b>
<i>Ambassador &amp; New Member Coordinator (Promoted from Recruitment Committee Member in 1 year)</i>	
<ul style="list-style-type: none"> <li>• Selected as one of 16 ambassadors from 200+ applicants to represent Duke at high-profile events and lead campus tours for distinguished guests</li> <li>• Collaborated with the Offices of Alumni Relations and the President to strengthen stakeholder engagement and campus community initiatives</li> </ul>	
<b>TEDxDuke</b>	<b>Aug 2022 - May 2025</b>
<i>Vice President (Promoted from Sponsorship Chair and Committee Member in 2 years)</i>	
<ul style="list-style-type: none"> <li>• 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</li> <li>• Oversaw speaker selection, event logistics, and cross-functional coordination to ensure successful execution of TEDxDuke events</li> </ul>	
<b>Duke Medical Ethics Journal</b>	<b>Aug 2024 - May 2025</b>
<i>Ethics Blog Writer</i>	
<ul style="list-style-type: none"> <li>• Authored scholarly blog posts analyzing ethical challenges in clinical care, including end-of-life nutrition, eating disorders, and health equity</li> </ul>	
<b>Mayo Clinic Neurosurgery Journal Club</b>	<b>May 2024 - May 2025</b>
<i>Journal Club Member</i>	
<ul style="list-style-type: none"> <li>• Analyzed pivotal neurosurgery research articles and evaluated treatment modalities for evidence-based patient care</li> <li>• Contributed to a collaborative environment focused on continuous improvement</li> </ul>	
<b>Duke Undergraduate Research Support (URS) Office</b>	<b>Jan 2024 - May 2025</b>
<i>URS Student Advisory Council Member</i>	
<ul style="list-style-type: none"> <li>• Advised URS office on research policies and programming to enhance undergraduate research experience campus-wide</li> </ul>	
<b>PROGRAMS &amp; FELLOWSHIPS</b>	
Duke Summer Undergraduate Research Neuroscience Fellowship	<b>Jun 2024 - Aug 2024</b>
Draw Your Way Through Medicine Fellowship	<b>Jun 2024 - Aug 2024</b>
Mayo Clinic Undergraduate Plummer Scholars (UPS) & Virtual Extension Programs	<b>Oct 2023 - May 2024</b>
Penny Pilgram George Women's Leadership Initiative	<b>Sep 2023 - May 2024</b>
Duke FOCUS: Medicine, Ethics, & Health Policy	<b>Aug 2022 - May 2023</b>
<b>AWARDS &amp; GRANTS</b>	
Dean's Scholarship for HMS Master's Students	<b>Jun 2025</b>
Duke URS: Conference Grant (x2), DiSTEM Award	<b>Sept 2023, Jan 2024, Nov 2024</b>
<b>SKILLS</b>	
<p><b>Skills:</b> Data Analysis &amp; Strategic Problem Solving • Clinical Study Design &amp; Project Management • Market Research &amp; Assessment • Evidence-Based Strategy Development • Client &amp; Cross-Functional Collaboration • Communication • Regulatory &amp; Ethical Compliance • Performance Under Pressure • Artificial Intelligence • Time Management</p> <p><b>Tools:</b> Python, R, RedCap, Prism, EHR Systems, Zotero, Paperpile, PowerPoint, Excel</p> <p><b>Languages:</b> Trilingual – Russian, English, Ukrainian</p> <p><b>Interests:</b> Research &amp; Ethics, Travel, Yoga &amp; Meditation, Reading (Psychology, Russian Classics, Medical), Painting</p>	