




City of Seattle Boards & Commissions Notice of Appointment

Appointee Name: <i>Ksenia I. Ershova</i>		
Board/Commission Name: <i>Seattle Bicycle Advisory Board</i>		Position Title: <i>Member</i>
<input checked="" type="checkbox"/> Appointment OR <input type="checkbox"/> Reappointment		City Council Confirmation required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Appointing Authority: <input type="checkbox"/> City Council <input checked="" type="checkbox"/> Mayor <input type="checkbox"/> Other: <i>Fill in appointing authority</i>		Term of Position: * 9/1/2023 to 8/31/2025 <input checked="" type="checkbox"/> <i>Serving remaining term of a vacant position</i>
Residential Neighborhood: <i>Eastlake</i>	Zip Code: <i>98102</i>	Contact Phone No.: [REDACTED]
Background: <i>Ksenia Ershova has an extensive history of seeing bike infrastructure evolve in Russia, Finland, and the Netherlands. She currently works in health care and, having seen firsthand the public health benefits of a safe biking culture, wants to help make biking easier to integrate into people's lifestyle.</i>		
Authorizing Signature (original signature):  Date Signed (appointed): July 30 th , 2024		Appointing Signatory: <i>Bruce A. Harrell</i> <i>Mayor of Seattle</i>

*Term begin and end date is fixed and tied to the position and not the appointment date.

Ksenia I. Ershova, MD, MS

Curriculum Vitae

University of Washington, Department of Anesthesiology and Pain Medicine

Education

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|----------------|---|---|
| 2020 - present | University of Washington
Department of Anesthesiology and Pain Medicine
Resident physician, Bonica Research Scholar
<i>Degree:</i> Anesthesiology | Seattle, WA |
| 2015 - 2017 | Skolkovo Institute of Science and Technology (Skoltech)
Center for Data-Intensive Biomedicine and Biotechnology &
University of Southern California
Institute of Genetic Medicine at Keck School of Medicine
<i>Degree:</i> Master of Science in Biostatistics
<i>Thesis:</i> Effects of Adjunctive Human Transferrin on Susceptibility and Emergence of Resistance in Gram-negative Pathogens
<i>Thesis advisors:</i> Vladimir Zelman, MD, PhD; Brad Spellberg, MD, FIDSA, FACP
<i>Accomplishments:</i> <i>summa cum laude</i> , GPA = 3.91 | Moscow,
Russia &
Los
Angeles, CA |
| 2010-2013 | Saint Petersburg Pavlov State Medical University
Department of Anesthesiology and Critical Care
<i>Degree:</i> Anesthesiologist and Critical Care Medicine | Saint
Petersburg
Russia |
| 2004 - 2010 | Saint Petersburg Pavlov State Medical University
<i>Degree:</i> Doctor of Medicine (MD)
<i>Accomplishments:</i> <i>summa cum laude</i> , GPA = 3.94 | Saint
Petersburg
Russia |

Work experience

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|-------------|---|----------------------------|
| 2018-2020 | Research Scientist
Department of Anesthesiology
Keck School of Medicine at the University of Southern California | Los Angeles, CA |
| 2017-2021 | Teaching and Research Associate
Department of Anesthesiology and Intensive Care
School of Medicine and Psychology at Novosibirsk State University | Novosibirsk
Russia |
| 2014-2015 | Medical Advisor
Medical Department
BIOCAD, Biopharmaceutical company | Saint Petersburg
Russia |
| 2013 - 2014 | Attending Physician
Department of Anesthesiology and Critical Care
Rauhfus State Children's Hospital | Saint Petersburg
Russia |

2011-2014	Attending Physician Emergency Department CoRIS Assistance and State EMS Station	Saint Petersburg Russia
2011-2012	Attending Physician Department of Anesthesiology and Critical Care Saint George State Hospital	Saint Petersburg Russia

Teaching experience

2022-2024	Instructor, seminars for anesthesiology residents “Biostatistics and Evidence-Based Medicine” Department of Anesthesiology and Pain Medicine at UW	Seattle, WA, USA
2019 - 2020	Instructor, seminars for anesthesiology residents “Biostatistics and Research Methodology” Department of Anesthesiology, Keck School of Medicine at USC	Los Angeles, CA, USA
July 2019	Co-instructor, course for medical students “Transition to Clinical Medicine Airway Course” Keck School of Medicine at USC	Los Angeles, CA, USA
2018 -2020	Scientific Advisor for Master’s Theses for 3 graduate students School of Medicine and Psychology at Novosibirsk State University	Novosibirsk Russia
2017 -2020	Instructor, elective seminars for medical students and residents “Evidence-based Medicine and Clinical Research” School of Medicine and Psychology at Novosibirsk State University	Novosibirsk Russia
September 2016	Instructor, lectures for early-career physicians “Omics Technologies in Clinical Oncology” Dmitry Rogachev’s Federal Research Center for Pediatric Hematology, Oncology, and Immunology	Moscow Russia
January 2016	Instructor, elective course for graduate students “First Aid and Emergency Medicine” Skolkovo Institute of Science and Technology	Moscow Russia

Grant Funding

2015	Government Foundation for Assistance to Small Innovative Enterprises in the Scientific and Technical Research, Moscow, Russia	Personal research scholarship “UMNIK” in Biotechnology Scope: Included 26,000 participants with 2,491 winners.
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Awards & Honors

2023	First place, FAER Resident Scholar Abstract Award, Foundation for Anesthesia Education and Research (FAER), Anesthesiology 2023 Annual Meeting, San Francisco, CA
2020	Bonica research scholar, University of Washington, Seattle, WA
2017	Graduated <i>summa cum laude</i> from Skolkovo Institute of Science and Technology, Moscow, Russia

- 2016 Travel grant from Skolkovo Institute of Science and Technology to complete my Master thesis abroad at the University of Southern California
- 2010 Graduated *summa cum laude* from Saint Petersburg Pavlov State Medical University, Saint Petersburg, Russia
- 2008 Personal stipend for excellence in study, Saint Petersburg Pavlov State Medical University, Saint Petersburg, Russia
- 2008 Best Scientific Presentation 2008 at the 70th Scientific Conference “Live Issues In Experimental And Clinical Medicine 2008”, Saint Petersburg, Russia

Peer-Reviewed Publications

1. **Ershova, K.**, D. Nanditha, J. Fox, N. Perumal, and N. Kassebaum. **2023**. “Association Between Pulmonary Hypertension and Sickle Cell Disease Depending on Genotype, Age, and Sex.” *Anesthesia & Analgesia* 136 (5): 837–38.
2. Staus P, von Cube M, Hazard D, Doerken S, **Ershova K**, Balmford J, et al. “Inverse Probability Weighting Enhances Absolute Risk Estimation in Three Common Study Designs of Nosocomial Infections.” *Clinical Epidemiology*. **2022** Sep 14;14:1053–64. <http://dx.doi.org/10.2147/CLEP.S357494>. PMID: 36134385.
3. **Ershova, K.**, I. Savin, D. Long, G. Danilov, M. Shifrin, and O. Ershova. **2022**. “Antibiotic Use in a Russian Neurosurgical ICU Decreased After Implementing Antibiotic Stewardship Program.” *Anesthesia & Analgesia* 134 (5): 237–40.
4. **Ershova K**, Savin I, Khomenko O, Wong D, Danilov G, Shifrin M, et al. “The Incidence and Outcomes of Healthcare-Associated Respiratory Tract Infections in Non-Ventilated Neurocritical Care Patients: Results of a 10-year Cohort Study”. *Journal of Clinical Neuroscience*. **2022** Mar 1;97:32–41. <https://doi.org/10.1016/j.jocn.2021.12.035>. PMID: 35033779.
5. Feifel J, von Cube M, Ohneberg K, **Ershova K**, Wolkewitz M, Beyersmann J, et al. “Sampling Designs for Rare Time-dependent Exposures - A Comparison of the Nested Exposure, Case-control Design and Exposure Density Sampling.” *Epidemiology and Infection*. **2021** Apr 23;1–31. <http://dx.doi.org/10.1017/S095026882100090X>. PMID: 33888170.
6. **Ershova, K. I.**, O. N. Ershova, I. A. Savin, G. D. Danilov, M. A. Shifrin, I. A. Alexandrova, and N. V. Kurdyumova. **2021**. “Meningitis after Neurosurgical Procedures: Results of a 10-Year Surveillance in a Russian Neurosurgical ICU.” *Antimicrobial Resistance and Infection Control* 10 (1): 49–50. <https://doi.org/10.1186/s13756-021-00974-z>.
1. Clark, B., M. Swanson, W. Widjaja, B. Cameron, V. Yu, **K. Ershova**, F. Wu, E. Vanstrum, R. Ulloa, A. Heng, M. Nurimba, N. Kokot, A. Kochhar, U. Sinha, M. Kim, S. Dickerson. “ERAS for Head and Neck Tissue Transfer Reduces Opioid Usage, Peak Pain Scores, and Blood Utilization.” *Laryngoscope*. **2021**; 131(3):E792–9. <http://dx.doi.org/10.1002/lary.28768>. PMID: 32516508.
7. **Ershova, K.**, I. Savin, O. Khomenko, and O. Ershova. **2021**. “Seasonal Variability of the Incidence Rate of Healthcare-Associated Respiratory Tract Infections in a Neurosurgical ICU.” *Anesthesia & Analgesia* 132 (5): 252–53.
8. **Ershova, K.**, M. Wolkewitz, O. Khomenko, O. Ershova, and V. Zelman. **2020**. “The Kaplan-Meier Model Overestimates The Probability Of Healthcare-Associated Infections In ICU Patients.” *Anesthesia & Analgesia* 130 (5): 963–64.
9. Chung, C., H. Jae Seo, **K. Ershova**, B. Sharma, M. Tom, and D. Oakes. **2020**. “Effect of Postoperative Low Dose Intravenous Ketamine Infusion Following Total Hip Arthroplasty.” *Anesthesia & Analgesia* 130 (5): 749.
10. Chen, E., **K. Ershova**, B. Sharma, M. Eloustaz, M. Tom, D. Oakes, C. Chung. **2020**. “Postoperative Low Dose Intravenous Ketamine Infusion Following Total Knee Arthroplasty.” *Regional Anesthesia and Pain Medicine* 45 (7).

11. **Ershova, K.**, O. Khomenko, O. Ershova, I. Savin, N. Kurdumova, G. Danilov, M. Shifrin. **2020**. “The Impact of Intervention-Related Risk Factors on the Risk of Ventilator-Associated Pneumonia Is High in a Neurosurgical Intensive Care Unit.” *Infection Control and Hospital Epidemiology* 41 (S1): s407–9. <https://doi.org/10.1017/ice.2020.1059>.
12. Luna, B., **K. Ershova**, J. Yan, A. Ulhaq, T. Nielsen, S. Hsieh, P. Pantapalangkoor, et al. “Adjunctive Transferrin to Reduce the Emergence of Antibiotic Resistance in Gram-Negative Bacteria.” *The Journal of Antimicrobial Chemotherapy*. **2019**; 74 (9): 2631–39. <https://doi.org/10.1093/jac/dkz225>. PMID: 31170282.
13. **Ershova, K.**, I. Savin, O. Ershova, G. Danilov, N. Kurdumova, M. Shifrin, and I. Alexandrova. **2019**. “Healthcare-Associated Bloodstream Infection Rate Reduction in Neuro-ICU in Russia.” *Antimicrobial Resistance and Infection Control* 8 (Suppl 1) (148): 26–27
14. **Ershova, K.**, S. Astrakov, V. Zelman, E. Neporada, H. Muir, P. Lumb. **2019**. “Evidence-Based Medicine Course as Part of an International Medical Education Curriculum in a Russian Medical School.” *BMJ Evidence-Based Medicine* 24 (Suppl 1): A24–A24.
15. **Ershova K.**, I. Savin, N. Kurdyumova, D. Wong, G. Danilov, M. Shifrin, et al. “Implementing an Infection Control and Prevention Program Decreases the Incidence of Healthcare-Associated Infections and Antibiotic Resistance in a Russian Neuro-ICU.” *Antimicrobial Resistance and Infection Control*. **2018**; 7 (1): 94. doi: 10.1186/s13756-018-0383-4. PMID: 30083313.
16. Savin I., **K. Ershova**, N. Kurdyumova, O. Ershova, O. Khomenko, G. Danilov, M. Shifrin, and V. Zelman “Healthcare-Associated Ventriculitis and Meningitis in a Neuro-ICU: Incidence and Risk Factors Selected by Machine Learning Approach.” *Journal of Critical Care*. **2018**; 45 (June): 95–104. <https://doi.org/10.1016/j.jcrc.2018.01.022>. PMID: 29413730.
17. Berger J., V. Zelman, H. Muir, R. Amaya, and **K. Ershova** “Clinical Ethics of the Do-Not-Resuscitate (DNR) Order and Other Advanced Directives in Anesthesia and ICU.” *General Reanimatology*. **2017**; 13 (2): 61–74. <https://doi.org/10.15360/1813-9779-2017-2-61-74>

Oral presentations

2023	Western Anesthesia Research Conference; “Association between Pulmonary Hypertension and Sickle Cell Disease Depending on Genotype, Age, and Sex”	Phoenix AZ
2022	Journal club of the UW Neurocritical Care Service (NCCS); “The incidence and outcomes of healthcare-associated respiratory tract infections in non-ventilated neurocritical care patients: Results of a 10-year cohort study”	Seattle WA
2021	Western Anesthesia Research Conference; “Combining Gradient Boosting Machine With Sensitivity Analysis Improves Identification Of Risk Factors Of Healthcare-Associated Infections in Neurosurgical ICU”	Virtual
2019	Grand Rounds of the Department of Anesthesiology at Keck School of Medicine at USC; “Healthcare-associated respiratory infections in neuro-ICU: the results of the eight-year observational cohort study”	Los Angeles CA
2019	Annual conference of the Center for Evidence-Based Medicine (CEBM), University of Oxford and the British Medical Journal (BMJ) EBM Live-2019; “Evidence-Based Medicine Course as Part of an International Medical Education Curriculum in a Russian Medical School”	Oxford United Kingdom
2018	The 17th Forum of the Russian Federation of Anesthesiologists and Reanimatologists; “Presentation of the ‘Mirror Departments of Anesthesiology’ at USC and Novosibirsk State University”	Saint Petersburg Russia
2017	First International Congress of Anesthesiologists and Intensivists; “Nosocomial Pathogens and Antibiotics in Intensive Care”	Astana Kazakhstan

2017	Grand Rounds of the Department of Anesthesiology at Keck School of Medicine at USC; “Nosocomial Infections and Antibiotic Resistance”	Los Angeles CA
2015	Innovation Forum “Open Innovations 2015”; “The Development of a Ketamine Antidote Based on RNA Aptamers”	Moscow Russia
2008	Conference of Young Researchers “Live Issues in Pathophysiology 2008” at SPbGMU; “The Study of Vascular Effects of ACE Inhibitor Enalapril in Experiment”	Saint Petersburg Russia
2008	The 60th Scientific Students Conference and 36th Conference of Young Researchers at SPbGMU; “The Effect of ACE Inhibitor Enalapril on the Flow-Dependent Vasodilatation”	Smolensk Russia
2008	The 3rd International Pirogov Student Scientific Medical Conference; “The Effect of the ACE Inhibitor Enalapril on the Mechanism of Arterial Blood Pressure Optimization”	Moscow Russia
2007	The 68th Scientific Conference “Live Issues in Experimental and Clinical Medicine 2007”; “The Study of Mesenteric and Subcutaneous Mast Cells at Different Stages of the Development of Toxic Fibrosing Alveolitis”	Saint Petersburg Russia

Professional Affiliations

2020-present	International Anesthesia Research Society (IARS)	USA
2018-present	American Society of Anesthesiologists (ASA)	USA
2013-present	European Society of Anesthesiology (ESA)	Belgium
2010-2020	Federation of Anesthesiologists and Reanimatologists of Russia	Russia
2009-2013	Saint Petersburg Scientific & Practical Society of Anesthesiologists and Reanimatologists	Russia
2005-2010	Student Scientific Society for Anesthesiology and Emergency Medicine at the Saint Petersburg Pavlov State Medical University	Russia

Community Services

2018-present	<p>Ad Hoc Reviewer</p> <ul style="list-style-type: none"> • <i>The Journal of Critical Care</i>, ISSN: 0883-9441 • <i>Burdenko Journal of Neurosurgery</i>, ISSN: 0042-8817 • <i>Drug, Healthcare and Patient Safety</i>, ISSN: 1179-1365
2016	<p>Teaching Assistant</p> <p>Skolkovo Institute of Science and Technology, Moscow, Russia</p> <p>Education courses: “<i>Innovation Workshop</i>” led by prof. I. Dubinsky; “<i>Genetic Animal Models and Integrative Physiology in Drug Discovery</i>” led by prof. Y. Kotelevtsev</p>
2007-2013	<p>Member of the Conference Organizing Committee</p> <ul style="list-style-type: none"> • International Conference “<i>CellTherapyCardio 2013</i>”, Saint Petersburg, Russia • Scientific Conference “<i>Live Issues in Experimental and Clinical Medicine 2007 and 2008</i>”, Saint Petersburg, Russia

Seattle Bicycle Advisory Board

12 Members: Pursuant to Resolution 30995; all members subject to City Council confirmation, 2-year terms:

- 7 Mayor- appointed
- 5 City Council- appointed

Roster:

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
6	F	4	1.	Member	Ksenia I. Ershova	9/1/2023	8/31/2025	1	Mayor
6	F	2	2.	Member	Kathryn L. Ricchiuto	9/1/2024	8/31/2026	1	City Council
9	F	3	3.	Member	Nia Ransom	9/1/2023	8/31/2025	1	Mayor
2	M	2	4.	Member	Madin Akpo-Esambe	9/1/2023	8/31/2025	1	City Council
1	M	6	5.	Member	Taylor Hom	9/1/2023	8/31/2025	1	Mayor
6	M	7	6.	Member	Douglas Migden	9/1/2023	8/31/2025	2	City Council
6	F	7	7.	Member	Donna McBain Evans	9/1/2024	8/31/2026	2	Mayor
3	M	2	8.	Member	Rafael Ronquillo	9/1/2024	8/31/2026	1	City Council
6	NB/ O	3	9.	Member	Molly McNeely	9/1/2024	8/31/2026	1	Mayor
6	M	1	10.	Member	Maxwell Baker	9/1/2024	8/31/2026	1	City Council
2	M	3	11.	Member	Joseph Roberts	9/1/2024	8/31/2026	2	Mayor
3	NB	5	12.	Get Engaged Member	Eli Davis	9/1/2023	8/31/2024	1	Mayor

SELF-IDENTIFIED DIVERSITY CHART

	(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(9)	
	Male	Female	Transgender	NB/ O/ U	Asian	Black/ African American	Hispanic/ Latino	American Indian/ Alaska Native	Other	Caucasian/ Non- Hispanic	Pacific Islander	Middle Eastern	Multiracial					
Mayor	2	3		2	1	1	1			3								1
Council	4	1				1	1			3								
Other																		
Total	6	4		2	1	2	2			6								1

Key:

*D List the corresponding *Diversity Chart* number (1 through 9)

**G List *gender*, M= Male, F= Female, T= Transgender, NB= Non-Binary, O= Other, U= Unknown

RD Residential Council District number 1 through 7 or N/A

Diversity information is self-identified and is voluntary.