



The Association of Schools of Public Health
in the European Region

ASPHER MEMBERSHIP QUESTIONNAIRE

This questionnaire should be returned to:

ASPHER Secretariat, Avenue de Tervueren 153, 1150 Brussels, Belgium

E-Mail: office@aspher.org and lore.leighton@aspher.org

1. **Institution Name which applies for membership:** Nazarbayev University School of Medicine, Master of Public Health Program, PhD in Global Health

2. **Address:** 53 Kabanbay Batyr Avenue, 5/1 Kerei-Zhanibek Khandar Street
3. **Town:** Astana
4. **Postcode:** 010000
5. **Country:** Republic of Kazakhstan
6. **Phone:** +7 (7172) 70-64-25
7. **Fax:**
8. **Website address:** www.nusom.nu.edu.kz

9. **Name of Dean:** Massimo Pignatelli MD PhD
10. **Address:** 53 Kabanbay Batyr Avenue, 5/1 Kerei-Zhanibek Khandar Street
11. **Town:** Astana
12. **Postcode:** 010000
13. **Country:** Republic of Kazakhstan
14. **Phone:** +7 (7172) 70-90-55
15. **Fax:**
16. **E-mail:** massimo.pignatelli@nu.edu.kz

17. **Name of ASPHER contact person:** Antonio Sarria-Santamera MD PhD
18. **Address:** 5/1 Kerei and Zhanibek Khandar Street
19. **Town:** Astana
20. **Postcode:** 010000
21. **Country:** Republic of Kazakhstan
22. **Phone:** +7 (7172) 70-93-96
23. **Fax:**
24. **E-mail:** antonio.sarria@nu.edu.kz

25. **Number of Equivalent Full Time Staff (Full time + Part time + Temporary staff):** 65
26. **Number of Undergraduate Students (Average for the two last Academic years):** 0
27. **Number of Postgraduate Students (Average for the 2 last Academic years):** 60 (MPH + PhD)



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28. Start date of the Academic Year: August 15, 2023

29. Date of the Exam period in your Institution: First week of December/First week of May.

30. Mission statement:

The mission of the School of Medicine at Nazarbayev University is to educate and train the highest quality of socially accountable healthcare professionals, biomedical scientists, public health specialists who play a key role in patient care and health improvement and do cutting-edge biomedical research and innovation to advance the understanding of medical and health sciences with local, regional and global impact.

Specifically the Master of Public Health program aims are as follows:

- To engage students through transformational education and training in internationally-accepted best practices in population-based approaches to address health, health conditions and disease determinants for the prevention and control of disease, disability and untimely death.
- To provide graduates with competencies in public health sciences to produce health and biomedical research and program evaluations of the highest quality based on international standards.
- To provide graduates with competencies in management and health service assessment for the administration of health institutions and the development of health policies.
- To produce skilled public health professionals who draw on knowledge and methods from multiple disciplines to ethically define, critically assess, and resolve problems affecting the public's health.

Specifically the PhD in Global Health program aims are as follows:

- Exercise a comprehensive understanding in global health at the forefront of the discipline.
- Appraise theories and methods to address fundamental problems in global health.
- Formulate relevant research questions to expand the knowledge in key areas of global health.
- Apply robust analytic methods to conduct original rigorous research.
- Conduct original research to improve the understanding of relevant problems in global.
- Communicate the results of their scientific activity in a clear and effective manner to professional, scientific, policy, and lay audiences.
- Work collaboratively in multidisciplinary teams and with stakeholders.
- Distinguish and formulate solutions to critical ethical issues in global health.

31. Source(s) of Funding: Nazarbayev University Grants, state grant funding

32. Ordinary Budget in Euros: 10.1 mln Euro (research budget is not included)

33. Statute of your institution (University/Non-university structure, Public/Private):

Autonomous organization of education "Nazarbayev University"

34. Programmes provided by your institution (name and duration for each, attach file/provide weblink with the curricula):

Bachelor of Medical Sciences program (4 years): <https://nusom.nu.edu.kz/bms#!/tab/478424449-7>

Bachelor of Science in Nursing program (4 years): <https://nusom.nu.edu.kz/bsn#!/tab/478435283-7>



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Bachelor in Nursing program (2 years): <https://nusom.nu.edu.kz/bn#!/tab/478444108-7>

Postgraduate Medical Doctor program (4 years): <https://nusom.nu.edu.kz/doctor-of-medicine#!/tab/478570664-7>

Master of Public Health program (2 years): <https://nusom.nu.edu.kz/mph>

Master of Molecular Medicine program (2 years): <https://nusom.nu.edu.kz/mmm>

Master of Pharmacology and Toxicology (2 years): <https://nusom.nu.edu.kz/mptox#!/tab/478490939-7>

Master of Sports Medicine and rehabilitation program (2 years): <https://nusom.nu.edu.kz/msmr>

Residency programs (3-5 years):

PhD program in Biomedical Sciences (4 years): <https://nusom.nu.edu.kz/phd-in-biomedical-sciences#!/tab/478509173-7>

PhD program in Global Health (4 years): <https://nusom.nu.edu.kz/phd-in-global-health#!/tab/478562241-7>

35. Does your institution participate in the ECTS project? (Yes/No): Yes

36. Areas of interest/expertise of your institution:

- Evidence-Based Medicine,
- Biomedical and translational research
- Clinical Research and Population-Based Research Methodologies,
- Infectious Diseases,
- Chronic Diseases,
- Mental Health,
- Disasters,
- Surveillance,
- Environmental Health
- Health education
- Health Services Research
- Integrated academic health system
- Big data sciences for disease control and prevention

37. Projects run by your institution (selected):

- Aggregation and utilization of the large-scale administrative health data in Kazakhstan for population health research and surveillance. Faculty Development Competitive Research Grants 2020-2022. <https://research.nu.edu.kz/en/projects/aggregation-and-utilization-of-the-large-scale-administrative-hea>
- Utilization of large-scale administrative health data for population research in Kazakhstan: an application in diabetes mellitus. NU Faculty-development competitive research grants program for 2020-2022. <https://research.nu.edu.kz/en/projects/utilization-of-large-scale-administrative-health-data-for-populat>
- Clinico-epidemiological assessment of COVID-19 infection in Kazakhstan. Faculty-development competitive research grants program for 2021-2022 (Covid-19 project). <https://research.nu.edu.kz/en/projects/clinico-epidemiological-assessment-of-covid-19-infection-in-kazak>
- The Immediate and Long-term Mental Health Effects of Providing Front-Line Hospital Medical



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Care During the Coronavirus Pandemic in Kazakhstan. Faculty-development competitive research grants program for 2021-2022 (Covid-19 project).

<https://research.nu.edu.kz/en/projects/the-immediate-and-long-term-mental-health-effects-of-providing-fr>

- Longitudinal Tracking of COVID-19 seroprevalence and Host Risk-Factors Study in Nur-Sultan, Kazakhstan. Collaborative Research Program 2021-2023.
<https://research.nu.edu.kz/en/projects/longitudinal-tracking-of-covid-19-seroprevalence-and-host-risk-fa>
- In-depth epidemiology and modeling of the 10-year trends of cardiovascular diseases and their complications in Kazakhstan using aggregated big data from the Unified National Electronic Healthcare System. Faculty-development competitive research grants program for 2023-2025. <https://research.nu.edu.kz/en/projects/in-depth-epidemiology-and-modeling-of-the-10-year-trends-of-cardi>
- Prerequisites for end-of-life care provision in the presence of the legally guaranteed right to palliative care in Kazakhstan. Faculty Development Competitive Research Grant Program 2021-2023. <https://research.nu.edu.kz/en/projects/prerequisites-for-end-of-life-care-provision-in-the-presence-of-t>
- Effectiveness of preloaded combination nicotine replacement therapy on smoking cessation of adult population in Kazakhstan- A randomized controlled trial. Collaborative Research Program for 2022-2024. <https://research.nu.edu.kz/en/projects/effectiveness-of-preloaded-combination-nicotine-replacement-thera>
- Exposure To Cooking Ultrafine Particles and Neurodegenerative Diseases: Clinical Exposure Studies and Computer Modeling. Collaborative Research Program for 2022-2024. <https://research.nu.edu.kz/en/projects/exposure-to-cooking-ultrafine-particles-and-neurodegenerative-dis>
- Advancing the State-of the-Art Research and Care for Children with Autism Spectrum Disorder in Kazakhstan. Ministry of Education and Science - Grant Funding 2018-2020. <https://research.nu.edu.kz/en/projects/advancing-the-state-of-the-art-research-and-care-for-children-wit>
- An educational intervention for health professionals in the assessment and management of Autism patients in Kazakhstan. Faculty-development competitive research grants program for 2023-2025. <https://research.nu.edu.kz/en/projects/aneducational-interventionfor-health-professionalsin-the-assessme>