

1. Full name, current residence and contact details

- PAUL Pavitra
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Biographical sketch

Dr. PAUL Pavitra, PhD. is an economist working in the areas of health and wellbeing, and sustainable development. He is affiliated to Yerevan State Medical University as a Visiting Professor in the department of Public Health. Dr. PAUL was an “Academy of Finland” scholar [Grant number: 318573; 2018] during 2018 - 2019 for his study, “the welfare effect of choice in a compulsory insurance based health system in the Russian Federation”. He is credited with scientific publications in high impact journals like Applied Economics, International Journal of Health Economics and Management, and so on. His scientific publications can be accessed in <http://www.researcherid.com/rid/K-2761-2015>

His research streams are (1) evaluating public policy, and equity of health policies and healthcare services, (2) choice modelling for healthcare service/s consumption and welfare measures, and (3) measuring health systems’ performance. He is having an advanced level of training in “Policy Coherence for Sustainable Development” from United Nations System Staff College, Turin, Italy, and in “International Health and Policy Evaluation” from Erasmus University, Rotterdam, The Netherlands. Pavitra is spearheading the ongoing initiative of “Examining Health Systems’ efficiency” under the auspices of International Health Economics Association - <https://www.healtheconomics.org/page/HSE>

During the period between 2012 and 2018, Pavitra was the course teacher for “Public Health Economics”, “Health Policy” and “Health Systems” in the Master’s program of University of Eastern Finland, Finland. Till 2019, he was uninterruptedly a European Union Erasmus + teacher for “Public Health Economics” course in MPH program of Rīga Stradiņš University, Rīga, Latvija, the course that Pavitra has introduced in 2014.

Dr. PAUL is an Associate Editor of International Journal of Technology Assessment in Health Care (IJTAHC), and is a member in the scientific review panel (s) of (1) Applied Economics; (2) BMC Health Services Research; (3) International Journal for Equity in Health; (4) International Journal of Health Economics and Management; (5) Medical Decision Making; (6) PLOS One; and (7) Transportmetrica A: Transport Science.

Pavitra is trained in medicine with his Baccalaureate from North Bengal University, India. He is an alumnus from Tata Institute of Social Sciences (TISS), India; The London School of Economics and Political Science (LSE), United Kingdom; Erasmus University, The Netherlands; and University of Eastern Finland, Finland.

2. Present affiliation

2021 -> Professor (visiting): Department of Public Health, Yerevan State Medical University, Yerevan, Armenia.

2019 -> The Centre de Sciences Humaines, a network of research units of the National Centre for Scientific Research and the French Ministry of European and Foreign Affairs http://www.csh-delhi.com/team_member/pavitra-paul/

3. Immediate last employment

2017January -> 2019March: Teacher and Researcher, Institute of Public Health and Clinical Nutrition, and Department of Health and Social Management, University of Eastern Finland, Kuopio, Finland.

[Past employments: pages 8-9].

4. Scientific and societal impact of research [Citations: 24, h-index: 3 (excluding self-citations) -

https://www.researchgate.net/profile/Pavitra_Paul ; articles reviewed: 27 – <https://publons.com/researcher/1419145/pavitra-paul/>]

PUBLICATIONS

- **Paul P.**, Arra B., Hakobyan M., Hovhannisyan MG. and Kauhanen J. (2021): "The determinants of under-5 age children malnutrition and the differences in the distribution of stunting – A study from Armenia". PLoS ONE 16(5):e0249776, <https://doi.org/10.1371/journal.pone.0249776>
[This study (1) identifies the determinants of malnutrition and distribution of stunting within socioeconomic groups, (2) examines the malnutrition gap between poor and non-poor and (3) estimates the magnitude of inequality in stunting in Armenia].
- **Paul Pavitra** (2019): "The distributive fairness of out-of-pocket healthcare expenditure in the Russian Federation". International Journal of Health Economics and Management, 20(1), <https://doi.org/10.1007/s10754-019-09268-9>
[This study examines the effect of (1) changes in the distribution of socioeconomic position on out-of-pocket healthcare expenditure distribution and (2) urban-rural segmentation of population in the distribution of out-of-pocket healthcare expenditure].
- **Paul Pavitra**, Berlin C., Maessen M. and Valtonen Hannu (2018): "A comparison of regret-based and utility-based discrete choice modelling – an empirical illustration with hospital bed choice". Applied Economics, <https://doi.org/10.1080/00036846.2018.1444260>
[This empirical study compares two approaches - regret minimization and utility maximization in choice modelling using Swiss hospitalisation data (2005-2012)].

- Berķe-Berga Anželika, **Paul Pavitra** and Valtonen Hannu (2017): “Examining Health Inequalities in Latvia – “A Decade of Association between Socioeconomic Position and Perceived Health Status”. BioMed Research International, <https://doi.org/10.1155/2017/7541416>
[This study identifies the determinants of health inequalities in Latvian population and estimates the changes over time in proportional contribution of different socioeconomic strata related determinants in Latvian health inequalities].
- **Paul Pavitra** and Valtonen Hannu (2016): “Health inequality in the Russian Federation: An examination of the changes in concentration and achievement indices from 1994 to 2013”. International Journal for Equity in Health, 15(36), <https://doi.org/10.1186/s12939-016-0325-9>
[This paper estimates the magnitude of health inequalities ascribed to socioeconomic strata from 1994 to 2013 in the Russian Federation].
- **Paul Pavitra**, Hakobyan Mihran and Valtonen Hannu (2016): “The Association between self-perceived health status and satisfaction with healthcare services: Evidence from Armenia”. BMC Health Services Research, 16(67), <https://doi.org/10.1186/s12913-016-1309-6>
[This paper examines the relationship between the perceived health status of the population and the satisfaction with healthcare services].
- **Paul Pavitra** and Valtonen Hannu (2016): “Inequalities in perceived health in the Russian Federation, 1994–2012”. BMC Public Health, 16(165), <https://doi.org/10.1186/s12889-016-2810-x>
[This paper examines health inequalities and estimates the contributions of demography and socioeconomic strata in the production of perceived health over time].
- **Paul Pavitra** (2013): "Productive efficiency analysis of primary healthcare services in Afghanistan: A DEA study". International Journal of Behavioural and Healthcare Research, 4(2), <https://doi.org/10.1504/IJBHR.2013.057374>
[This study analyses the relative efficiency of primary healthcare services facilities and identifies the factors associated with the efficiency of health facilities in Afghanistan].
- **Paul Pavitra** and Valtonen Hannu (2012): “The Association of Health Determinants with Socioeconomic Status and Districts in Afghanistan”. International Journal of Development and Conflict, 2(3), <https://doi.org/10.1142/S2010269012500123>
[This study examines the distribution of health determinants, identifies the relationship between the structural and material determinants of health, and estimates the effects of the Afghan districts on health determinants in Afghanistan].

Publication [other than English language]

Павитра Пол, Ханну Валтонен, Ковтун Наталья. Социально-экономическое неравенство населения в области здоровья в постсоветской России // Народонаселение. — 2019 –Т. 22. — № 1 — С.61-78. [English translation: **Pavitra Paul**, Hannu Valtonen, Kovtun Natalia. Socioeconomic inequalities in health in the post-Soviet Russia. Narodonaselenie (Population) - 2019. Vol. 22. No. 1. P. 61-78].

Manuscript(s) under review

- **Paul Pavitra**, Denis Gilev, Guillermo Mateu (2020): “Choice for primary healthcare services and Welfare: an empirical illustration from the Russian Federation”.
[This study measures welfare derived from availing primary healthcare services based on individual attributes and freedom of choice, and empirically illustrated a potential opportunity for social choice and decision theory to converge for bringing efficiency in health system].
- **Paul Pavitra**, Nguemdjo Ulrich, Ngami Armel, Kovtun Natalia and Ventelou Bruno (2020): “Do efficiency and equity march simultaneously? - the cross-dynamics of Health System’s Performance and Universal Health Coverage”.
[This study examines the direction of causality between progress towards Universal Health Coverage and the performance of the national health system].
- **Paul Pavitra**, Nguemdjo Ulrich, Kovtun Natalia and Ventelou Bruno (2019): “Is Self-assessed health independent from what doctors say?”
[This study operationalises a recursive semi - ordered probit model to examine endogeneity problem of perceived health and finds the answer to the question of effect of diagnosed chronic disease, on different levels of perceived health status].

Press article

- 2021: [Health vs Allocations](#)
- Expert news - 2020, “The universality of universal health coverage in the Russian Federation” - <https://sites.utu.fi/bre/5010/>

5. Education and degrees awarded

- August 2010 – December 2016: PhD. [Health Economics], University of Eastern Finland, Kuopio, Finland [with International doctoral courses in Health economics and policy, Swiss School of Public Health, SSPH+].
- March 2010 – May 2010: Post Graduate Diploma in International Health and Policy Evaluation (IHPE), Erasmus University, Rotterdam, The Netherlands.
- October 2006 – November 2007: M.Sc. (International Health Policy – Health Economics), The London School of Economics and Political Science (LSE), London, UK.
- November 1993 – October 1995: MHA (Hospital administration accredited by American College of Healthcare Executives), Tata Institute of Social Sciences (TISS), Mumbai, India.
- September 1982 – April 1989: MBBS (Bachelor of Medicine and Bachelor of Surgery), North Bengal Medical College and Hospitals (North Bengal University), Darjeeling, India.

6. Other education and training, qualifications and skills

14 October 2019 till 15 November 2019: “Policy Coherence for Sustainable Development”, United Nations System Staff College, Viale Maestri del Lavoro 10 – 10127 Turin, Italy.

Workshops (hands-on training) participation

- 6 February 2017 till 8 February 2017: “Applied workshop: Using Discrete Choice Experiments in Health Economics: Theoretical and Practical Issues”.
Faculty: Prof. Mandy Ryan, University of Aberdeen and Prof. Deborah Marshall, University of Calgary, Canada.
- 29 January 2012 till 2 February 2012: “Advance Modeling on Discrete Choice Analysis”.
Faculty: Prof. Moshe Ben-Akiva, Massachusetts Institute of Technology and Prof. Michel Bierlaire, Ecole Polytechnique Fédérale de Lausanne, Switzerland.
- 27 September 2010 till 1 October 2010: “Advance Modeling on Discrete Choice Experiments”.
Faculty: Prof. Riccardo Scarpa, Waikato Management School, Hamilton, New Zealand, Prof. John Rose, The University of Sydney, Australia and Prof. Michiel Bliemer, The University of Sydney, Australia.

IT/Software knowledge

‘STATA’; ‘NLogit’; ‘NGene’; ‘Python’; ‘ADePT’; and ‘MS office Suite’.

7. Research awards, research honours and major stipendiary support for research

- Academy of Finland grant (Grant number: 318573; 2018): for study, “the welfare effect of choice in a compulsory insurance based health system in the Russian Federation”.
- Kuopio University Foundation Research grant (2016): for research and publication related activities.
- Saastamoinen Foundation Grant (2014): for three weeks’ visit at University of Bern, Switzerland.
- University of Eastern Finland (2014-2016): for doctoral study program.
- Yrjö Jahansson Foundation Grant (2012): for study, “application of regret based choice modelling in health economics”.

8. Most important awards, prizes and honours

- Erasmus Mundus Fellowship (2010): course fees for International Health Policy & Evaluation Program (IHPE) of Erasmus University, Rotterdam, The Netherlands.
- Sir Ratan Tata Travel Grant (2010): travel expenses for participation in International Health Policy & Evaluation Program (IHPE) of Erasmus University, Rotterdam, The Netherlands.

9. Scientific journal / conference editorial assignments

Associate Editor: International Journal of Technology Assessment in Health Care (IJTAHC).

Reviewer

- Applied Economics;
- BMC Health Services Research;
- International Journal for Equity in Health;
- International Journal of Health Economics and Management;
- Medical Decision Making;
- PLOS One;
- Transportmetrica A: Transport Science.

Member Scientific Committee Review Panel

- International Health Economics Association – 2021 World Congress [<https://www.healtheconomics.org/page/2021CongressVirtual>].
- International Health Economics Association – 2019 World Congress [<https://www.healtheconomics.org/page/2019Basel>].

10. Other academic and professional activities

Outreach activities

- 2019 January -> 2019 June: Visiting research fellow, Aix-Marseille School of Economics, Aix-Marseille University, France.
- 2018-> Co-convenor, Special Interest Group of Examining Health Systems' Efficiency - an initiative of International Health Economics Organisation - <https://www.healtheconomics.org/page/HSE#EFFConveners>
- 2018-2019: Visiting researcher, Ural Federal University, Ekaterinburg, The Russian Federation [Project: "the welfare effect of choice in a compulsory insurance based health system in the Russian Federation"].
- December 2015: Visiting scholar on "Health Equity in the Russian Federation using Russian Longitudinal Monitoring Survey Data" at Carolina Population Center (CPC), University of North Carolina (UNC), North Carolina, Chapel Hill, USA.

2014 -> 2019 (2 weeks every year): Erasmus + teacher uninterruptedly in Public Health Economics for the Masters' program in Rīga Stradiņš University, Rīga, Latvia.

2014

1. Baltic Sea Region – Caucasus Network (BASERCAN+) teacher in Public Health Economics with Yanka Kupala State University of Grodno, Belarus.
2. Finnish-Russian Student and Teacher Exchange (FIRST) teacher in Public Health Economics with Saint Petersburg State University, The Russian Federation.

Professional memberships (alphabetical order)

1. American College of Healthcare Executives (ACHE)
2. Collège des Economistes de la santé (CES)
3. Community of Evaluators (CoE)- South Asia
4. Global Development Network (GDN)
5. International Health Economics Association (iHEA).

National and international lectures and congress presentations (last five years)

- July 2021: Moderator, Health Systems' Efficiency SIG Session: "Primary Care Efficiency" in the 14th iHEA World Congress 2021 – International Health Economics Association - <https://healthconomics.confex.com/healthconomics/2021/meetingapp.cgi/Session/2229> .
- June 2021: Scientific paper "Choice for Primary Healthcare Services and Welfare: An Empirical Illustration from the Russian Federation" in the 20th Annual International Conference on Health Economics, Management & Policy, Athens Institute for Education and Research (ATINER), Athens, Greece.
- May 2017: Scientific paper "Influence of sociodemographic factors on perceived health status: An empirical illustration from the Russian Federation" in the 3rd International RLMS-HSE User Conference, Higher School of Economics, Moscow, Russia.
- October 2016: Scientific paper "The evolution of Russian health gradient in post-Soviet era – an examination of socioeconomic strata related health inequalities from 1994-2013" in the 16th Annual Aleksanteri Conference, "Life and Death in Russia", Aleksanteri Institute, Finland.
- September 2016: Scientific paper "A comparison of regret-based and utility-based discrete choice modelling: an empirical illustration" presentation in the 5th meeting of The International Academy of Health Preference Research, Singapore.

11.Linguistic skills

Languages (5 is the highest)

Language	Reading	Speaking	Writing
English	5	5	5
French	2	1	2
Hindi	4	4	3
Bengali	5	5	4

12.Other merits

- Community service: Contributing in the 'human development' as a practitioner and facilitator of 'Integral yoga'.
- Amateur: Playing Tennis and Piano.

13. Past employment(s) history

Period	Location	Organisation	Position	Job description
January 2017 – March 2019.	Kuopio, Finland.	University of Eastern Finland.	Teacher and Researcher.	<ol style="list-style-type: none"> Teaching Public Health Economics Research activities.
July 2008 - November 2009.	New Delhi, India.	National Health Systems Resource Centre (The Technical Support Institution with National Rural Health Mission) and a think tank with Ministry of Health & Family Welfare and Planning Commission (erstwhile), Government of India.	Sr. Consultant.	<ol style="list-style-type: none"> Expenditure tracking of the district health systems across the Country; Analysis of financial management system at the district level and health facility level for the select few states; Capacity analysis for absorbing funds at the district level and at the health facility level; Exploring options for generating sustainable financial resources for health at the health facility level.
January 2004 - August 2006.	New Delhi, India.	Max Healthcare Institute Limited (MHIL).	Chief Technology Officer (Grade: General Manager).	<ol style="list-style-type: none"> Selection/Deployment/Maintenances of appropriate Technology including Biomedical equipments, IT and Telecommunication for Max Healthcare Institute Limited. Spearhead the development of in-house HIS – <i>the ERP</i>. Billing Policy and Tariff Setting for MHIL.
July 2003 - December 2003.	New Delhi, India.	Max Healthcare Institute Limited.	Deputy Director.	<ol style="list-style-type: none"> Manage Performance of the Clinicians in conformation to the Business Plan and Quality Deliverables. Plan the technology and Manpower for Tertiary level Hospitals across NCR, Delhi and monitor the overall project implementation on a pre-defined time-scale. Manage Operating processes, Information and Documentation across locations with concurrent statutory compliances.
2002 April - July 2003.	New Delhi, India.	Max Healthcare Institute Limited.	Hub Manager (Grade: Dy. General Manager).	Plan, Execute and Run a Secondary – Level Hospital.
August 2001 – January 2002.	New Delhi, India.	MedSave India Pvt. Limited.	Vice President.	Develop HMO business in India.

April 1999 – July 2001.	Calcutta, India.	Peerless Hospital & Research Center Limited.	Hospitex & Center Dy. General Manager.	<ol style="list-style-type: none"> 1. Ensure a robust operating system leading to Cash-breakeven within a reasonable time frame. 2. Cost containment and compliances.
January 1997 – March 1999.	New Delhi, India.	San Raffaele spa..	Associate.	<ol style="list-style-type: none"> 1. Plan and execute Specialty Hospitals (Indian Spinal Injury Center, New Delhi) in India. 2. Facilitate in recruiting Key People. 3. Develop and execute Hand-over documentation.
November 1995 – December 1996.	Hyderabad , India.	Apollo Hospitals Enterprises Limited,	Medical Supdt. (c.f. Chief Operating Officer).	<ol style="list-style-type: none"> 1. Ensure a robust operating system. 2. Enforce employee discipline and manage IR. 3. Cost containment and compliances.

14.Consulting assignments

- 2020: Monitoring and evaluation of 17 projects (funded by International Development Research Centre, Canada) on “sexual and reproductive health embedded with crosscutting theme of health and gender equity” in the countries of the Western Africa and the Middle East.
Duration: 35.5 days.
Principal: Amaltas Consulting Private Limited.
- 2010: Monitoring the process of diarrhea management program in Bihar, India.
Duration: 45 days.
Principal: Micronutrient Initiative (now, Nutrition International).