

# Nairuhi Mkhitar Jrbashyan

✉ n.jrbashyan@ysu.am



## Faculty of Economics and Management

Chair of Mathematical Modeling in Economics

Associate professor



## Education

|                    |                                   |
|--------------------|-----------------------------------|
| <b>Institution</b> | Yerevan State University          |
| <b>Faculty</b>     | Mathematical modelling in economy |
| <b>Date</b>        | 2006 - 2007                       |
| <b>Degree name</b> | Applicant                         |

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|--------------------|---------------------------------------------|
| <b>Institution</b> | Yerevan Institute of National Economy       |
| <b>Faculty</b>     | Economic-mathematical methods and modelling |
| <b>Date</b>        | 1988 - 1992                                 |
| <b>Degree name</b> | PhD student                                 |

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|--------------------|---------------------------------------|
| <b>Institution</b> | Yerevan Institute of National Economy |
| <b>Faculty</b>     | Economic Cybernetics                  |
| <b>Date</b>        | 1979 - 1984                           |
| <b>Degree name</b> | Qualified specialist                  |



## Scientific Rank/degree

|                              |                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------|
| <b>Institution</b>           | Yerevan State University                                                          |
| <b>Date</b>                  | 2007                                                                              |
| <b>Degree name</b>           | Candidate                                                                         |
| <b>Specialty</b>             | Economic sciences                                                                 |
| <b>Scientific Supervisor</b> | Aram Araqelyan                                                                    |
| <b>Research Topic</b>        | Modelling of socio-economic disparities in the regions of the Republic of Armenia |



## Language skills

Հայերեն English Русский



## Work experience

|                       |                          |
|-----------------------|--------------------------|
| <b>Institution</b>    | Yerevan State University |
| <b>Period of time</b> | 2013 till now            |
| <b>Rank/degree</b>    | Associate professor      |

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|-----------------------|---------------------------------------------|
| <b>Institution</b>    | Armenian Eyecare Project Charity Foundation |
| <b>Period of time</b> | 2006 till now                               |
| <b>Rank/degree</b>    | Monitoring and Evaluation Director          |

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|-----------------------|-------------------------------------|
| <b>Institution</b>    | "AVAG solutions" Consulting Company |
| <b>Period of time</b> | 2006 till now                       |
| <b>Rank/degree</b>    | Senior Consultant                   |

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|-----------------------|---------------------|
| <b>Institution</b>    | UNDP Armenia        |
| <b>Period of time</b> | 2001 - 2006         |
| <b>Rank/degree</b>    | National Consultant |

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|-----------------------|--------------------------|
| <b>Institution</b>    | Yerevan State University |
| <b>Period of time</b> | 2001 - 2013              |
| <b>Rank/degree</b>    | Assistant                |

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|-----------------------|------------------------------------|
| <b>Institution</b>    | National Statistical Service of RA |
| <b>Period of time</b> | 1996 - 1999                        |
| <b>Rank/degree</b>    | Assistant Programmer               |

|                       |                                     |
|-----------------------|-------------------------------------|
| <b>Institution</b>    | Institute of Economics and Planning |
| <b>Period of time</b> | 1984 - 1996                         |
| <b>Rank/degree</b>    | Junior Scientific Worker            |

## Scientific interests

- Modeling and forecasting in the areas of macroeconomics, social sphere, labor market, development and consulting on the development of socio-economic policy and strategy
- Advising state and international organizations (including the Government of the Republic of Armenia, the World Bank, UN agencies, USAID, the Friedrich-Ebert-Stiftung, the European Training Foundation, etc.) in the fields of economic policy, education, he
- Methodology for the development of data collection and analysis tools, development of quantitative and qualitative studies and their methodologies, sampling methodology, statistical and econometric analysis of databases
- Econometric modeling and forecasting in macro- and microeconomics, econometric methods and tools, statistical data analysis and econometric modeling packages: SPSS, Eviews, SAS, STATA
- Regional development disparities, models and approaches of assessment and mitigation

## Participation in international conferences and seminars

|                                |                                                                                                                                |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>02/06/2003 - 04/06/2003</b> | International conference on Macroeconomics and International Economics<br>University of Utah<br>United States of America (the) |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------|

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|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>19/05/2003 -<br/>02/06/2003</b> | Intensive summer course on "Knowledge Networking Program on Macroeconomics and International Economics"<br>University of Utah<br>United States of America (the)                                                     |
| <b>05/07/2004 -<br/>09/07/2004</b> | International workshop for users of the DEVINFO package for mapping macroeconomic and social indicators<br>Switzerland                                                                                              |
| <b>21/08/2004 -<br/>28/08/2004</b> | Training course and seminar on "Teaching an advanced course on econometrics"<br>New Economic School of Moscow<br>Armenia                                                                                            |
| <b>17/09/2019 -<br/>19/09/2019</b> | International conference: Tropentag 2019 International Research on Food Security, Natural Resource Management and Rural Development<br>Germany                                                                      |
| <b>07/01/2019 -<br/>07/06/2019</b> | ERASMUS + Program "From Theoretical-Oriented to Practical Education in Agrarian Studies/TOPAS 585603-EPP-1-2017-1-DE-EPPKA2-CBHE-JP<br>National University of Life and Environmental Sciences of Ukraine<br>Ukraine |
| <b>13/02/2019 -<br/>26/02/2019</b> | ERASMUS + Program "From Theoretical-Oriented to Practical Education in Agrarian Studies/TOPAS 585603-EPP-1-2017-1-DE-EPPKA2-CBHE-JP<br>Weihestephan-Triesdorf University of Applied Sciences<br>Germany             |

## Publications

### Article

#### **Evaluation of an AI algorithm trained on an ethnically diverse dataset to screen a previously unseen population for diabetic retinopathy**

Nairuhi Jrbashyan, Rao, Divya P, Florian M, Sivaraman, Anand, Dutt, Sreetama, Shahsuvaryan, Marianne, Hambardzumyan, Narine, Yeghiazaryan, Nune, Das, Taraprasad  
Indian Journal of Ophthalmology 2024 1162-1167

### Article

#### **Pattern and prevalence of eye disorders and diseases in school-aged children: findings from the Nationwide School Sight Sampling Survey in Armenia**

Nairuhi Jrbashyan, Nune Yeghiazaryan, Abu Sikder, Sudha Nallasamy, Mark W Reid, Roger Ohanesian, Thomas C Lee, Juan Espinoza  
BMJ OPEN OPHTHALMOLOGY 2022 8

### Article

#### **Դրամական փոխանցումների ազդեցությունը Հայաստանի Հանրապետության տնտեսական աճի վրա**

Ն. Մ. Զրբաշյան, Լ. Հ. Զիլֆիյան

Հայաստանի ճարտարագիտական ակադեմիայի լրաբեր 2018 349-354

*Article*

**Էկոնոմետրիկայի դասավանդման որոշ մեթոդներ**

Նաիրուհի Զրբաշյան

Մանկավարժական միտք 2015 212-217

[http://zangak.am/product\\_info.php?cPath=29\\_134&products\\_id=1288](http://zangak.am/product_info.php?cPath=29_134&products_id=1288)

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*Manual*

**Էկոնոմետրիկ մոդելավորումը EViews փաթեթի օգտագործմամբ**

Նաիրուհի Զրբաշյան

2013 75

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*Conference*

**Экономический рост, бедность и неравенство в республике Армения до и после кризиса**

Джрбашян Наируи Мхитаровна

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*Conference*

**The Formation of Foreign Direct Investments on Agricultural Scale and its Economic Consequences**

NAIRUHI DJRBASHYAN, ARAM ARAKELYAN, ARAM KARAPETYAN

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*Conference*

**Sampling of Data and Information on Agriculture on a Regional Scale in Armenia**

NAIRUHI DJRBASHYAN, ARAM ARAKELYAN, ARAM KARAPETYAN

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*Conference*

**Armenian EyeCare Project work in diagnosis and treatment of diabetic retinopathy**

Nairuhi Jrbashyan, Nune Yeghiazaryan, Varvara Kalashyan

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