


PERSONAL INFORMATION

**Mihaela David**

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JOB POSITION

Romanian Academy Iasi Branch

“Gh. Zane” Institute for Economic and Social Research

Department of Economic Research

WORK EXPERIENCE

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- | | |
|---------------------------|--|
| June 2019 - onwards | <p>Researcher</p> <p>“Gh. Zane” Institute for Economic and Social Research, Romanian Academy, Iași Branch, Romania</p> <p>Business or sector Scientific research</p> |
| October 2015 - onwards | <p>Adjunct Professor</p> <p>Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania</p> <ul style="list-style-type: none"> ▪ Subjects taught: Basics of Statistics; Econometrics; Bayesian Statistics; Demography, Research Methodology; Non-life Actuarial Science <p>Business or sector Academic</p> |
| February 2021 - July 2022 | <p>Postdoc Researcher in the Project “Job - Education (mis)match in times of migration: The effects of youth brain drain and skill utilization among Romanian graduates on the local labor market” (PN-III-P1-1.1-TE-2019-1726)</p> <p>Romanian Academy, Iași Branch</p> <p>Business or sector Scientific research</p> |
| October 2019 - May 2021 | <p>Posdoc Researcher in the Project “PhD students and postdoctoral researchers ready for the job market!” (POCU/380/6/13/123623)</p> <p>Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania</p> <p>Business or sector Scientific research, Academic</p> |
| September 2018 - May 2019 | <p>Research Assistant</p> <p>Integrated Center of Environmental Science Studies in the North-Eastern Development Region (CERNESIM), “Alexandru Ioan Cuza” University of Iași, Romania</p> <p>Business or sector Scientific research</p> |
| October 2013 - June 2015 | <p>Internship in the International Relations Office</p> <p>Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania</p> <ul style="list-style-type: none"> ▪ Responsible with various activities and administrative tasks within the International Relations Office. <p>Business or sector Administrative</p> |
| June 2014 - May 2015 | <p>Doctoral Researcher in the Project “Performance and excellence in doctoral and postdoctoral research in Romanian economics science domain” (POSDRU/159/1.5/S/134197)</p> <p>Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania</p> <ul style="list-style-type: none"> ▪ Participation and presentation of research work at scientific seminars and conferences organised within the project. |

- Business or sector** Scientific research, Academic
- February - July 2013 **Research internship**
Centre de Recherche sur l'Intégration Economique et Financière, University of Poitiers, France
- Research internship in statistics and actuarial science .
- Business or sector** Academic
- February - June 2012 **Research internship**
Faculty of Economics and Business Administration, "Alexandru Ioan Cuza" University of Iași, Romania
- Study and application of econometric pricing methods used in general insurance.
- Business or sector** Academic
- 27 October - 12 December 2009 **Banking internship**
BCR Agency, Calea Ștefan cel Mare, Iași
- Dissemination materials (leaflets, brochures, etc.) to promote banking services and products.
- Business or sector** Banking
- 9 - 27 June 2009 **Banking internship**
BancPost Moldova Agency, Bvd. Ștefan cel Mare și Sfânt, 5, Iași
- Acquiring knowledge in the preparation and use of bank documentation.
- Business or sector** Banking

EDUCATION AND TRAINING

- April 2019 - April 2022 **Postdoctoral Program for Advance Research in Cybernetics and Economic Statistics**
Doctoral School of Economics and Business Administration, "Alexandru Ioan Cuza" University of Iași, Romania
- 2012 - 2015 **Ph.D. in Cybernetic and Statistics**
Doctoral School of Economics and Business Administration, "Alexandru Ioan Cuza" University of Iași, Romania
- September 2011 - March 2012 **Erasmus Exchange Student**
Institut des Risques Industriels Assurantiels et Financiers, Niort, University of Poitiers, Franța
- 2010 - 2012 **Diploma Degree (M.A.) in Cybernetics, Statistics and Economic Informatics**
Faculty of Economics and Business Administration, "Alexandru Ioan Cuza" University of Iași, Romania
- 2007 - 2010 **Diploma Degree (B.A.) in Economics**
Faculty of Economics and Business Administration, "Alexandru Ioan Cuza" University of Iași, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2
French	C1	C1	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Scientific articles published in extenso in Web of Science journals

1. Dănuț-Vasile Jemna, Mihaela David, Marc-Hubert Depret, Lydie Ancelot (2022). Physical activity and healthcare utilization in France: Evidence from the European Health Interview Survey (EHIS) 2014. *BMC Public Health*, 22, 1355 (AIS: 1.186); <https://doi.org/10.1186/s12889-022-13479-0>
2. Oana-Ramona Socoliuc, Nicoleta Sîrghi, Dănuț-Vasile Jemna, Mihaela David (2022). Corruption and population health in the European Union countries - An institutionalist perspective. *International Journal of Environmental Research and Public Health*, 19(9), 5110 (AIS: 0.866); <https://doi.org/10.3390/ijerph19095110>
3. Dănuț-Vasile Jemna, Mihaela David (2021). Fertility decline and socio-economic uncertainty in Central and Eastern European countries after 1990. *Applied Economics*, 54(29), pp. 3296-3308 (AIS: 0.429); <https://doi.org/10.1080/00036846.2021.1991564>
4. Alina Botezat, Mihaela David, Cristian Încălțărău, Peter Nijkamp (2020). The illusion of urbanization: impact of administrative reform on communities' resilience. *International Regional Science Review*, 52 p. (AIS: 0.642); <https://doi.org/10.1177/0160017620964861>
5. Dănuț-Vasile Jemna, Mihaela David (2018). Post-transitional regional fertility in Romania. *Demographic Research*, 38, pp. 1733-1776 (AIS: 0.969); <https://doi.org/10.4054/DemRes.2018.38.57>

Scientific articles published in journals indexed in international databases

1. Claudiu Clement, Mihaela David, Dănuț-Vasile Jemna (2022). Bankruptcy prediction using machine learning – A meta-analysis. *Journal of Public Administration, Finance and Law*, 26, pp. 63-77; <https://doi.org/10.47743/jopafl-2022-26-06>
2. Dănuț-Vasile Jemna, Lucia Ciubotaru, Mihaela David (2021). The determinants of medicine use in Romania. *Review of Economic and Business Studies (REBS)* 28, 14(2), pp. 65-81; <http://rebs.feaa.uaic.ro/issues/pdfs/28.pdf>
3. Dănuț-Vasile Jemna, Mihaela David (2021). Determinants of ageing in Romania. Evidence from regional-level panel analysis. *CES Working Papers*, XIII(1), pp. 17-32; https://ceswp.uaic.ro/articles/CESWP2021_XIII1_JEMIHAELApdf
4. Dănuț-Vasile Jemna, Mihaela David (2020). The association between self-reported health status and physical activity: Evidence from Romania. *Journal of Public Administration, Finance and Law*, 17, pp. 214-233; <https://www.jopafl.com/issue17.html>
5. Dănuț-Vasile Jemna, Mihaela David (2019). Physical activity and health care utilization in Romania. *Journal of Public Administration, Finance and Law*, 15, pp. 50-63; <https://www.jopafl.com/issue15.html>
6. Costică Mihai, Simona-Roxana Ulman, Mihaela David (2019). New assessment of development status among the people living in rural areas: An alternative approach for rural vitality. *Analele Științifice ale Universității "Alexandru Ioan Cuza" din Iași*, 66(2), pp. 167-192; <https://doi.org/10.47743/sacb-2019-0013>
7. Mihaela David, Dănuț-Vasile Jemna (2015). Modeling the frequency of auto insurance claims by means of Poisson and negative binomial models. *Analele Științifice ale Universității "Alexandru Ioan Cuza" din Iași*, 62(2), pp. 151-168; https://www.researchgate.net/publication/281894249_Modeling_the_Frequency_of_Auto_Insurance_Claims_by_Means_of_Poisson_and_Negative_Binomial_Models
8. Mihaela David (2014). Modeling the frequency of claims in auto insurance with application to a French case. *Review of Economic and Business Studies (REBS)* 13, 7(1), pp. 66-85; <http://www.rebs.ro/article-modeling-the-frequency-of-claims-in-auto-insurance-with-application-to-a-french-case-169.html>

Scientific articles published in extenso in conference proceedings**a. ISI Proceedings**

1. Mihaela David (2015). Auto insurance premium using Generalized Linear Models. *Procedia Economics and Finance*, 20(2015), pp. 147-156; <http://www.sciencedirect.com/science/article/pii/S2212567115000593>
2. Mihaela David (2015). A review of theoretical concepts and empirical literature of non-life insurance pricing. *Procedia Economics and Finance*, 20(2015), pp. 157-162; <http://www.sciencedirect.com/science/article/pii/S221256711500060X>

b. indexed in international databases

3. Mihaela David (2015). Automobile insurance pricing with Generalized Linear Models. *Proceedings in GV - Global Virtual Conference*, 3(1), pp. 32-39; <http://www.gv-conference.com/archive/?vid=1&aid=2&kid=30301-704>

Participation with paper presented at scientific conferences abroad

1. Alina Botezat, Cristian Încălțărău, Sabina Diac, Mihaela David, Alexandra Claudia Grosu, Having your career path decided too early: the effects of high school track on job education mismatch, *41st EBES Conference*, Eurasia Business and Economics Society, Istanbul Economic Research Association and Global Labour Organization (GLO), Berlin, Germany, 11-15 October 2022; <https://ebesweb.org/uncategorized/41st-berlin-conference-program/>
2. Oana-Ramona Socoliuc (Guriță), Nicoleta Sîrghi, Dănuț-Vasile Jemna, Mihaela David, Corruption and population health in the European Union countries - An institutionalist perspective, *Global Virtual Summit on European Public Health & COVID-19 Crisis*, University of Edinburgh, Scotland, 17-18 June 2022
3. Dănuț-Vasile Jemna, Mihaela David, Fertility and socio-economic uncertainty during post-communist transition in Central and Eastern Europe, *The 14th Professor Aleksander Zelias International Conference on Modelling and Forecasting of Socio-Economic Phenomena*, Department of Statistics at Cracow University of Economics and the Committee on Statistics and Econometrics of the Polish Academy of Sciences, Zakapone, Poland, 11-13 May 2021; http://piki.konferencjajakopianska.pl/Program_en_2021.pdf
4. Dănuț-Vasile Jemna, Mihaela David, Marc-Hubert Depret, Lydie Ancelot, The impact of physical activity on healthcare utilization: Evidence from France, *42èmes Journées des Économistes de la Santé Français*, Collèges des Economistes de la Santé, Belgium, 2-4 December 2020; <https://www.ces-asso.org/activite/42e-jesf/programme-final>
5. Mihaela David, Automobile insurance pricing with Generalized Linear Models, *The 3rd Global Virtual Conference 2015*, Slovakia, 6-10 April 2015

Participation with paper presented at scientific conferences organized in Romania

1. Dănuț-Vasile Jemna, Mihaela David, "Physical activity and health status in the European Union countries - A comparative analysis", XIVth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2022), Faculty of Economics and Business Administration, "Alexandru Ioan Cuza" University of Iași, Romania, 21-23 October 2022; <https://www.feaa.uaic.ro/geba/programme.pdf>
2. Dănuț-Vasile Jemna, Mihaela David, Population health situation in the European Union: Main challenges and policy orientations, *National Symposium "Research methods and data sources used in the analysis of socio-economic and demographic phenomena at the Romanian level or in the European context"*, within *Zilele Academice Ieșene, XXXVIIth Edition*, "Gh. Zane" Institute for Economic and Social Research, Romanian Academy, Iași Branch, 21 October 2022; https://drive.google.com/file/d/1Vc2IPsX4yhN0HyR6-EEJQwb4rGig9_no/view
3. Alina Botezat, Cristian Încălțărău, Sabina Diac, Mihaela David, Alexandra Claudia Grosu, Having your career path decided too early: the effects of high school track on job education mismatch, *The Annual Scientific Conference of the Romanian Economists from the Academic Environment Abroad (ERMAS 2022)*, Faculty of Economics and Business Administration, Babeș-Bolyai University of Cluj Napoca, Romania, 26-30 July 2022; <https://econ.ubbcluj.ro/ermas2022/en/program.php>
4. Nicoleta Sîrghi, Dănuț-Vasile Jemna, Oana-Ramona Socoliuc (Guriță), Mihaela David, Can corruption harm the health status of the population? A case study applied to the European Union countries, *EURINT International Conference 2022 The World in Motion: Challenges, Territorial Dynamics and Policy Responses*, Centre for European Studies, Faculty of Law, "Alexandru Ioan Cuza" University of Iași, Romania, 20-21 May 2022; https://eurint.uaic.ro/index_htm_files/EURINT_Programme_2022.pdf
5. Alina Botezat, Cristian Încălțărău, Sabina Diac, Mihaela David, Alexandra Claudia Grosu, Having your career path decided too early: the effects of high school track on job education mismatch, *EURINT International Conference 2022 The World in Motion: Challenges, Territorial Dynamics and Policy Responses*, Centre for European Studies, Faculty of Law, "Alexandru Ioan Cuza" University of Iași, Romania, 20-21 May 2022; https://eurint.uaic.ro/index_htm_files/EURINT_Programme_2022.pdf
6. Oana-Ramona Socoliuc (Guriță), Nicoleta Sîrghi, Dănuț-Vasile Jemna, Mihaela David, "The nexus between corruption and health population among the European Union countries - An institutionalist viewpoint", *2022 EU-PAIR Annual International Conference Challenges and Dynamics of European Administrative Area*, Faculty of Economics and Business Administration, "Alexandru Ioan Cuza" University of Iași, Romania, 13-14 May 2022; http://eu-pair.uaic.ro/wp-content/uploads/2022/05/EU-PAIR-2022_Programme.pdf
7. Dănuț-Vasile Jemna, Lucia Ciubotaru, Mihaela David, The analysis of both prescribed and unprescribed medicine consumption in Romania, *National Workshop "Health economics in the European context: Equity in access to health services and technologies, prevention and policy measures"*, within *Zilele Academice Ieșene, XXXVIIth Edition*, "Gh. Zane" Institute for Economic and Social Research, Romanian Academy, Iași Branch, 29 October 2021; https://acadiasi.org/wp-content/uploads/2021/10/Program_29.10_Mihaela-David.pdf
8. Dănuț-Vasile Jemna, Lucia Ciubotaru, Mihaela David, The determinants of medicine use in Romania, *XIIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2021)*, Faculty of Economics and Business Administration, "Alexandru Ioan Cuza" University of Iași, Romania, 21-22 October 2021;

<https://www.feaa.uaic.ro/geba/2021/Accepted.html>

9. Dănuț-Vasile Jemna, Mihaela David, Fertility and socio-economic uncertainty during post-communist transition in Central and Eastern Europe, *The 14th International Conference on Applied Statistics (ICAS 2020)*, Department of Statistics and Econometrics, The Bucharest Academy of Economic Studies, 25 November 2020; <https://simpstat.ase.ro/wp-content/uploads/2021/04/ICAS2020-Conference-Program-FV.pdf>
10. Dănuț-Vasile Jemna, Mihaela David, The effects of physical activity on health status in Romania, *XIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2020)*, Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania, 22-23 October 2020; <https://www.feaa.uaic.ro/geba/2020/programme.pdf>
11. Dănuț-Vasile Jemna, Mihaela David, Determinants of population ageing in Romania: evidence from a regional level approach, *XIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2020)*, Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania, 22-23 October 2020; <https://www.feaa.uaic.ro/geba/2020/programme.pdf>
12. Dănuț-Vasile Jemna, Mihaela David, Socio-economic uncertainty and fertility in CEE countries, *XIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2019)*, Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania, 17-20 October 2019; <https://www.feaa.uaic.ro/geba/2019/programme.pdf>
13. Dănuț-Vasile Jemna, Mihaela David, Marc-Hubert Depret, Lydie Ancelot, Physical activity and healthcare utilization in France, *XIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2019)*, Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania, 17-20 October 2019; <https://www.feaa.uaic.ro/geba/2019/programme.pdf>
14. Mihaela David, Determinants of personal development levels in the context of rural inequalities, *Scientific Section „Migrația și reziliența socio-economică a comunităților”*, within *Zilele Academice Ieșene, XXXIV Edition*, 14 October 2019; https://drive.google.com/file/d/1Q2rLQf0rAGOfuw_fZctVuyvRuM8cIak/view
15. Costică Mihai, Simona-Roxana Ulman, Mihaela David, Determinant factors of the level of personal development in the context of rural inequalities, *Scientific Section „Egalitatea de gen în spațiul rural”*, within *Zilele Academice Ieșene, XXXIIIrd Edition*, 25 October 2018; <https://drive.google.com/file/d/19oeIoaoaJ4tlvhgKol7SaUor6QYTHNrP/view>
16. Costică Mihai, Simona-Roxana Ulman, Mihaela David, Personal rural development index. Case study on the North-East Region of Romania, *Scientific Section „Centrul Interdisciplinar de Cercetare Dedicat Studiilor privind Egalitatea de Șanse”*, within *Zilele Academice Ieșene, XXXIIIrd Edition*, 26 October 2018; <https://drive.google.com/file/d/19oeIoaoaJ4tlvhgKol7SaUor6QYTHNrP/view>
17. Dănuț-Vasile Jemna, Mihaela David, Fertility decline and socio-economic uncertainty in Central and Eastern European countries after 1990, *The Annual Scientific Conference of the Romanian Economists from the Academic Environment Abroad (ERMAS 2018)*, Faculty of Economics and Business Administration, Babeș-Bolyai University of Cluj Napoca, Romania, 25-27 July 2018; https://drive.google.com/file/d/1SXqg5M4dY2z3ofi6FQ2OqFR_WQgJ3Lfr/view
18. Dănuț-Vasile Jemna, Mihaela David, Determinants of fertility in CEE countries after 1990. A panel approach, *Xth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2017)*, Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania, 19-22 October 2017; <https://www.feaa.uaic.ro/geba/2017/programme.pdf>
19. Dănuț-Vasile Jemna, Mihaela David, Post-transitional regional fertility in Romania, *IXth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2016)*, Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania, 20-22 October 2016; <https://www.feaa.uaic.ro/geba/2016/programme.pdf>
20. Mihaela David, Non-life insurance pricing scheme - an application to a Romanian auto insurance portfolio, *VIIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBA 2015)*, Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania, 22-24 October 2015; <https://www.feaa.uaic.ro/geba/2015/programme.pdf>
21. Mihaela David, Standard count data models applied to a French auto insurance portfolio, *The 8th International Conference on Applied Statistics*, Department of Statistics and Econometrics, The Bucharest Academy of Economic Studies, 14 November 2014;
22. Mihaela David, Modeling the frequency of claims in auto insurance with application to a French case, *The Eight Doctoral School of Economics and Business Administration Conference (DSEBA 2014)*, Doctoral School of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania, 8-10 May 2014;
23. Mihaela David, The prediction of auto insurance premium - an approach with Generalized Linear

Models, *The 8th International Conference on Economic Cybernetic Analysis: Development and Resources (DERS 2013)*, Department of Economic Informatics and Cybernetics, The Bucharest Academy of Economic Studies, and Advanced Research Center for Cybernetic, Microeconomic and Macroeconomic Modelling, 1-2 November 2013;

24. Mihaela David, Auto insurance premium using Generalized Linear Models, *VIIth International Conference Globalization and Higher Education in Economics and Business Administration (GEBÄ 2013)*, Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania, 24-26 October 2013; <https://www.fcaa.uaic.ro/geba/2013/programme.pdf>

Seminars

1. Dănuț-Vasile Jemna, Mihaela David, Marc-Hubert Depret, Lydie Ancelot, Physical activity and healthcare utilization in France, Scientific seminar organised by *Centre de Recherche sur l'Intégration Economique et Financière (CRIEF)*, University of Poitiers, France, 25 June 2019;
2. Dănuț-Vasile Jemna, Mihaela David, Fertility decline and socio-economic uncertainty in Central and Eastern European countries after 1990, Scientific seminar organised by *Centre de Recherche sur l'Intégration Economique et Financière (CRIEF)*, University of Poitiers, France, 29 March 2018.

Honours and awards

1. PRECISI-2020 research reward for the article “ *The Illusion of urbanization: impact of administrative reform on communities' resilience*” published in collaboration with Alina Botezat, Cristian Încălțărău, Peter Nijkamp in *International Regional Science Review* (2020: 52 p.), Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI);
2. PRECISI-2018 research reward for the article “Post-transitional regional fertility in Romania” published in collaboration with Dănuț-Vasile Jemna in *Demographic Research* (38: 1733-1776), Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI).

Memberships

“Gh. Zane” Institute for Economic and Social Research, Romanian Academy, Iași Branch
Faculty of Economics and Business Administration, “Alexandru Ioan Cuza” University of Iași, Romania

Courses

Fundamentals and methods for impact evaluation of public policies, course organised online by the Research Institute for the Evaluation of Public Policies (IRVAPP), Trento, Italy, 6-10, 13-15 September 2021.