

RESUME

Prof. Dr. (Habilitation in Economics), Head of Economic Cybernetics Department

LIDIYA GURYANOVA

ECONOMICS (051)

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GENERAL INFO

coordinator of the Master's program “Applied Economics”, which was created as a result of the implementation of the TACIS TEMPUS CD_JEP-21135 project “New economic specialty for classical universities of Ukraine”, a member of the Ukrainian Association of Economic Cybernetics, a reviewer of the journals “Development management ” (Ukraine), «Mathematical Problems in Engineering» (USA), Head of Section, a member of the program, organizational and technical committees of international scientific-practical conference “Modern problems of modelling the socio-economic systems” (Ukraine, Slovenia, Poland, the USA, Bulgaria), «Innovation and information technology in the development of business and education» (Russian Federation, Ukraine, Germany, Bulgaria, France), «Applied Simulation and Artificial Intelligence (ASAI)» (China, Denmark, Portugal, Norway, Ukraine), «Economic and social-focused issues of modern world» (Slovakia, Poland, Ukraine), «Competitive, sustainable and secure development of the regional economy» (CSSDRE), scientific director of training of highly qualified personnel (specialty 08.00.11 – mathematical methods, models and information technology in the economy, 051 - economics), member of the specialized academic council for the defense of doctoral and master's theses D 17.127.10, scientific supervisor of the winning students of the second round of the All-Ukrainian competition of student research papers in the areas of

“Mathematical methods, models in economics”, “Quantitative methods in economics”, competitions of projects of international summer schools , II stage of the All-Ukrainian Student Olympiad in the specialty “Economic Cybernetics”.

Identifiers in scientometric databases

Google Scholar:

<https://scholar.google.com.ua/citations?user=F8vwsWAAAAAJ&hl=uk>

Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=36068855600>

ORCID ID: <https://orcid.org/0000-0002-2009-1451>

PROFESSIONAL EXPERIENCE:

From 2018 - to the present Head of Department of Economic Cybernetics, S. Kuznets Kharkiv National University of Economics;

2015-2018 Professor of the Department of Economic Cybernetics of Kharkiv National University of Economics named after S. Kuznets; in combination – Professor at National Technical University “Kharkiv Polytechnic Institute”, professor of the Department of Information Technology of Kharkov Research Institute of the University of Banking;

2000-2014 Lecturer, Associate Professor of Department of Economic Cybernetics of Kharkiv National University of Economics; in combination – lecturer, associate professor, scientist at National Technical University “Kharkiv Polytechnic Institute”, at Kharkiv National University named after V.N. Karazin, at Research Centre of Industrial Problems of NAS of Ukraine

1998-2000 post-graduate student of the Department of Economic Cybernetics of Kharkiv National University of Economics

EDUCATION

2010-2013 Department of Economic Cybernetics, Faculty of Economic Informatics, Kharkov National University of Economics named after S. Kuznets, Diploma of Doctor of Science (Habilitation in Economics), specialty 08.00.11 – “Mathematical methods, models and information technologies in the economy”

1998-2000 Department of Economic Cybernetics, Faculty of Economic Informatics, Kharkov National University of Economics, diploma of candidate of science (PhD), specialty 08.03.02 – “Economic-mathematical modelling”

Faculty of Economics and Management, Simferopol State University
(Tavria National University), diploma of engineer-economist, specialty
1993-1998 “Information systems in management”

ACADEMIC COURSES

- Applied Econometrics
- Business valuation methods
- Econometrics
- Econometrics – 2
- Econometrics and modelling of economic dynamics
- Forecasting of social and economic processes
- Mathematical methods and models of financial management
- Methods and models of researching of economic processes
- Time series
- Mathematical methods, models and information technologies in economics

RESEARCH ACTIVITIES

Research interests

- main direction
 - applied econometric analysis
 - modelling and forecasting of socio-economic processes
- current interests
 - modelling of processes of ensuring financial safety of the systems of different levels of the hierarchy
 - modelling of mechanisms of development of information systems
 - modelling of macroeconomic processes, cyclical dynamics of uneven development of areas (macro-regions and inner regions)
- other research experience
 - modelling the strategies for sustainable development of socio-economic systems (SES)
 - modelling of the processes of ensuring the safety of SES
 - the study of the formation of crisis situations in complex systems and development of the mechanisms of their prevention

Defended Theses

- 2014 Trunova Tatiana Nikolaevna, thesis on “Models of the formation of the financial strategy of the enterprise”, specialty 08.00.11 – “Mathematical methods, models and information technologies in the economy” (diploma of candidate of science (PhD))

Guidance of Graduate Students

2018 – 2019 – Polanski Vladislav Aleksandrovich, thesis on "Models of assessing the impact of "shocks" to the financial security of macroeconomic systems", 051 specialty - "Economics".

Publications

Author of more than 290 scientific and methodical works, including 35 monographs, 9 textbooks, 104 articles, of which more than 20 are published in English in scientific journals of Ukraine, Bulgaria, Poland, Slovakia, the Netherlands, Spain, Japan, USA, incl. 14 articles published in periodicals, which are included in the Scopus scientometric database, Web of Science

Grants and projects

2018 – 2019	international research project «Analysis of the financial decentralization mechanisms development effectiveness in Ukraine and Slovakia»;
2018	“Development of a set of models of the management in the digital economy” (state registration number 0118U000810);
2017 - 2018	state budget research "Regional features of the development of entrepreneurship: theory, practice, foreign experience";
2014 - 2015	“The effectiveness of information systems of enterprise resource management” (state registration number 0115U000059)
2013-2014	“The formation of the theoretical and methodological maintenance of the state support of development of tourist sector of the economy of the region” (state registration number 0112U001119)
2013-2014	“Organization of financial activities and risks of banks in stimulating the rapid economic growth in Ukraine” (state registration number 0113U001018)
2012-2013	“Modelling the mechanism of evaluation, analysis and forecasting of socio-economic development of regions” (state registration number 0112U007636)
2010-2012	The international research project “Models of evaluation of unevenness and cyclical dynamics of socio-economic development of regions of Ukraine and Russia” (state registration number 0110U004306)
2010-2012	“Models of decision making in distributed systems” (state registration number 0109U008006)

2008-2009	“Management of the development of economic system on the basis of modeling of its characteristics” (state registration number 0103U008942, № 33 / 03-04-I)
2005-2007	“Early warning systems and crisis management” (OJSC “Turboatom”)
2003-2005	“Adaptive models of sustainable functioning of socio-economic systems” (state registration number 0103U000461)
1999-2000	“Models and mechanisms of crisis management of the enterprise” (state registration number 0100U004436)

ADDITIONAL

Certificates

2018 – 2019 – Internship at the University of Economics Bratislava (Ekonomická univerzita v Bratislave) (Bratislava, Slovakia);

2016 – Certificate of participation in a scientific seminar «Econometric Research in Finance (ERFIN)» Warsaw School of Economics, SGH (Warsaw, Poland);

2016 – Certificate of participation in the project team «State and local EU Finances Project» Humanitas University (Sosnovets, Poland);

2016 - Certificate of internship at a joint (Ukraine-Germany) enterprise LLC KODA in the areas of Economic Cybernetics, Applied Economics;

- professional development
 - Perm State National Research University, the program “Mathematical models in economics and their computer implementation”, the certificate of company “Prognoz”, direction “Web tools in modelling and forecasting “Prognoz Platform” (2013)
 - Interdisciplinary Institute for Advanced Studies of Kharkiv National University of Economics, the direction of “Modular technology for building training programs”, “Modern technologies of interactive learning”, “Training on Information Technology Studying” (2007)
- courses
 - Certificate of participation in the seminar “University Alliance” “The practices of using ERP systems in production management”, “Academic Competence Center SAP” (2011)
 - Certificate of training in the framework of the “Kharkiv city complex Programme of Enterprise Development for 2003-2004” with the support of Kharkov City Council, direction “Mechanism of lending of the businesses”

- Certificate of participation in the seminar “Investment management and evaluation of projects,” Consortium for Business Education in Ukraine, Kharkiv regional office CEUME (2001)

Scholarships and awards

2018	Diploma for work as part of the sectoral competitive commission of the II round of the All-Ukrainian competition of student research papers in the specialization of Economic Cybernetics;
2017	Diploma of the Executive Committee of the Kharkiv City Council for many years of diligent and fruitful work, high professionalism, a significant contribution to the development of education and science of the city of Kharkov;
2017	Diploma for a significant contribution to the preparation of scientific youth of the All-Ukrainian Student Olympiad in the direction of training / specialty "Economic Cybernetics";
2016	Gratitude from the Director of the Department of Science and Education of the Regional State Administration for significant contribution to the preparation of the economic elite of Ukraine, the achievement of significant success in organizing and improving educational, educational, scientific, methodical and research work, the creation of high-quality teaching aids;
2013	awarded a diploma of the Winner of All-Russian Exhibition “Golden Fund of domestic science” for the best training manual in the branch
2011	nominated for the competition “Higher School of Kharkov – the best names” in the category “Scientist”
2010	Gratitude from Kharkiv mayor for conscientious and fruitful work, for high level professional skills
2008-2010	Scholarship of Cabinet of Ministers of Ukraine for young scientists
2010	Certificate of Honour of Kharkiv National University of Economics for the 2nd place in the nomination “Candidate of Sciences”
2009	Certificate of Honour of Kharkiv National University of Economics for the victory in the nomination “Best PhD”

SELECTED PUBLICATIONS

Monographs

1. Гур'янова Л.С. Моделирование збалансованого соціально-економічного розвитку регіонів. - Бердянськ: ФОП Ткачук О.В., 2013. – 406 с.
2. Гур'янова Л.С. Моделирование влияния показателей σ -конвергенции на динамику макропоказателей / Л.С. Гур'янова, Т.С. Клебанова // Прикладні аспекти прогнозування розвитку економіки України: монографія. За ред.. О.І. Черняка, П.В. Захарченка. – Мелітополь: Видавничий будинок Мелітопольської міської друкарні, 2018. – 432 с., С. 67-81 – англ.. мова, польск. мова, рос. мова, укр.. мова ISBN 978-966-197-557-5
3. Guryanova L., Klenanova T., Kots G., Gvozdytskiy V. Mechanism of analysis and control of allocation of financial resources of territorial units / Актуальні проблеми прогнозування розвитку економіки України: Монографія / За ред.. О.І. Черняка, П.В. Захарченка. – Бердянськ: Видавець Ткачук О.В., 2017. – 371 с., С. 65-75 – англ.. мова, польск. мова, рос. мова, укр.. мова
4. Гурьянова Л. Моделирование развития механизмов финансовой децентрализации на основе производственно-институциональных функций / Л. Гурьянова, Я. Пелиова, Т. Клебанова, Н. Дубровина // Цифрова економіка та інформаційне суспільство. Монографія.

Textbooks

5. Клебанова Т.С., Курзенов В.А., Наумов В.Н., Гурьянова Л.С. и др. Прогнозування соціально-економічних процесів: навчальний посібник (Прогнозирование социально-экономических процессов. Учебное пособие). – Х.: ХНЕУ ім. С. Кузнеця, 2015. – 656 с., ISBN 978-966-676-606-2
6. Гурьянова Л.С., Клебанова Т.С., Сергиенко Е.А., Прокопович С.В. Економетрика: навчальний посібник. – Х.: ХНЕУ ім. С. Кузнеця, 2015. – 384 с., ISBN 978-966-676-615-4
7. Клебанова Т.С., Курзенов В.А., Наумов В.Н., Гурьянова Л.С. Методы и модели прогнозирования социально-экономических процессов. – Санкт-Петербург: Издательство СЗИУ РАНХ и ГС, 566 с., ISBN – 978-5-89781-421-3

Articles

1. Guryanova L.S., Klebanova T.S., Gvozdytskiy V.S. Econometric modelling the mechanism of financial regulation of regional development// Actual problems of economics, 2015, №173, pp. 408-421 (Scopus)
2. Lidiya S. Guryanova, Tamara S. Klebanova, Tetiana N. Trunova. Modeling the financial strategy of the enterprise in an unstable environment // «ECONOM; STUDIES» journal, 2017, issue 3. Available from <https://www.iki.bas.bg/en/economistudies-iournal-0>(Scopus)
3. Yousef Daradkeh, Lidiya Guryanova, Tamara Klebanova, Sergii Kavun. Forecasting the Cyclical Dynamics of the Development Territories: Conceptual Approaches, Models, Experiments // European Journal of Scientific Research. – 2012. – Vol. 74, No. 1. – P. 5–20 (Scopus).
4. Lidiya Guryanova. Approach to the Assessment Irregularity and Cyclic Dynamics of Territorial Development / Klebanova Tamara, Lidiya Guryanova,

- Yousef Daradkeh, Sergii Kavun // Asian Economic and Financial Review. – 2013. – Vol. 3, No. 12. – P. 1620–1641
5. Guryanova Lidiya. Models of assessment of inequality and skewness of social-economic systems development / Klebanova Tamara, Kavun Sergii, Guryanova Lidiya // International Journal of Biomedical Soft Computing and Human Sciences. – 2012. – Vol. 18, No. 1. – P. 49-55.
6. T.S. Klebanova, L.S. Guryanova, I.K. Shevchenko. Model basis of the early warning and localization of crises in economic systems of territories // Actual problems of economics. – 2014. – № 3(153). – P. 201–211. (Scopus).
7. Brumnik R., Klebanova T., Guryanova L., Kavun S., Trydid O. (2014). Simulation of Territorial Development Based on Fiscal Policy Tools, Mathematical Problems in Engineering, vol. 2014, Article ID 843976, 14 pages, 2014. doi:10.1155/2014/843976 Available from: <http://www.hindawi.com/journals/mpe/2014/843976/> (Scopus).
8. Sergienko O.A., Guryanova L.S., Nevezhyn V.P. Modelling of socioeconomic crises in early warning systems // Actual problems of economics, 8(158), 2014, pp.471-480 (Scopus).
9. Tatar Maryna, Sergienko Olena, Kavun Sergii, Guryanova Lidiya. Complex of management models of the enterprise competitiveness for steel industry in the currency instable environment // «ECONOMIC STUDIES» journal, 2017, issue 4 Available from:<https://www.iki.bas.bg/en/economic-studies-iournal-0>(Scopus)
10. Guryanova L.S., Klebanova T.S., Milevskiy S.V., Nepomnyaschiy V.V., Rudachenko O.A. Models for the analysis of the state's financial security indicators dynamics // Financial and credit activity: problems of theory and practice, 2017, 1(22) Available from <http://fkd.org.ua/> (Web of Science)
11. L. Guryanova, I. Nikolaiev, R. Zhovnovach at al. Modeling of the enterprise functioning stability using the automatic control theory apparatus // Eastern-European Journal of Enterprise Technologies, 2017, № 3(88), Vol. 4, P. 45-55 Available from: <http://journals.uran.ua/eejet/issue/archive> (Scopus)
12. Guryanova L.S., Klebanova T.S., Gvozdytskiy V.S., Milevskiy S.V. Forecasting as a basic element of the corporations management system // Financial and credit activity: problems of theory and practice, 2017, 2(23) Available from:<http://fkd.org.ua/>(Web of Science)
13. Guryanova Lidiya. Models for assessing the impact of interregional interaction effects on the level of the EU countries financial security /Lidiya Guryanova, Elena Piskun, Stanislav Milevsky // Advances in Economics, Business and Management Research (AEBMR), volume 39, pp. 332-336. Competitive, Sustainable and Secure Development of the Regional Economy: "Response to Global Challenges" (CSSDRE 2018) (Web of Science)
14. Guryanova Lidiya. Models of assessment and analysis in security management systems / Lidiya Guryanova, Stanislav Milevskiy, Lyudmila Bogachkova at al. // 5th International Scientific-Practical Conference “Problems of Infocommunications. Science and Technology”, 2018 (PIC S&T'2018), IEEE Catalog Number: CFP18PIA-CDR. ISBN: 978-1-5386-6608-1 (Scopus, Web of Science)