






PERSONAL INFORMATION

Pavlo Vehera



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 Pavlo.I.Vehera@lpnu.ua
 Viber Messenger
Sex Male | Date of birth 29/06/1991 | Nationality Ukrainian

CURRENT JOB

PhD, Associate professor of the department of Building construction and bridges

EDUCATION BACKGROUND

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| 2022 | Academic title of the Associate Professor of the Department of Building Construction and Bridges
Lviv Polytechnic National University, Lviv, Ukraine |
| 2013-2016 | PhD – Thesis Title “Carrying capacity of reinforced concrete beams on the shear strengthening FRCM system by the loading”
Lviv Polytechnic National University, Lviv, Ukraine |
| 2012-2013 | Master thesis in Civil Engineering. Title “Strength and deformability of reinforced concrete columns strengthened by Sika Carbodur tape under load”
Lviv Polytechnic National University, Lviv, Ukraine |
| 2008-2012 | Bachelor of Science in Civil Engineering Title “One-apartment, a two-story residential building in the Lviv City”
Lviv Polytechnic National University, Lviv, Ukraine |

WORK EXPERIENCE

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| May 2021 – nowadays | Associate professor
Associate professor of the department of Building construction and bridges
Business or sector Lviv Polytechnic National University, Lviv, Ukraine |
| Sep 2016 – May 2021 | Assistant professor
Assistant professor of the department of Building construction and bridges
Business or sector Lviv Polytechnic National University, Lviv, Ukraine |
| Dec 2015 – Sep 2016 | Civil Engineer
Performed project for technical expertise of industrial building constructions and their further reinforcement and retrofitting
Business or sector GIRHIMPROM DESIGN CENTER LIMITED, Lviv, Ukraine |

PROFESSIONAL DEVELOPMENT

- March-April 2021 **Scientific internship on “Study of modern software complexes for designing and calculating building structures”**
The COMFORTBUD Design Institute , Lviv, Ukraine
- March 2020 **Teaching Mobility Erasmus+ Program**
Kingston University, London, UK
- February 2020 **Scientific internship on “Restoration, repair, strengthening, and protection of building structures using TM MAPEI materials”**
MAPEI SPA, Milan and University of Naples Federico II, Naples, Italy
- December 2019 **Scientific internship on “Conditions for evacuation from public buildings”**
Czestochowa University of Technology, Czestochowa, Poland

PERSONAL SKILLS

Mother tongue(s) Ukrainian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ good communication skills gained during work in the university

Organisational / managerial skills ▪ leadership: currently I am chief of the young researches society in the Institute of Civil Engineering and Building Systems, which is part of university organisation “Scientific Society of Students, Doctoral Candidates and Young Researchers of Lviv Polytechnic National University”

Job-related accomplishments ▪ Have h-index 10 in the Scopus database

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
B	C	B	B	C

Levels: Basic user A - Independent user B - Proficient user C
[Digital competences - Self-assessment grid](#)

- high level of skills of office suite (word processor, spread sheet, presentation software)
- high level of skills of AutoCAD (drawing 2D and 3D objects)
- good level of skills of design program (Autodesk Robot, Lira SAPR)

Other skills ▪ play basketball in the institute team

Driving licence B, C

ADDITIONAL INFORMATION

Publications in Scopus and WoS

1. **Vegera P.**, Khmil R., & Blikharsky, Z. (2017). Shear strength of reinforced concrete beams strengthened by PBO fiber mesh under loading MATEC Web of Conferences, 116, 02006. <https://doi.org/10.1051/mateconf/201711602006>
2. **Vegera, P.**, Vashkevych, R., & Blikharsky, Z. (2018). Fracture toughness of RC beams with different shear span. MATEC Web of Conferences, 174, 02021. <https://doi.org/10.1051/mateconf/201817402021>
3. Blikharsky, Z., **Vegera, P.**, Vashkevych, R., & Shnal, T. (2018). Fracture toughness of RC beams on the shear, strengthening by FRCM system. MATEC Web of Conferences, 183, 02009. <https://doi.org/10.1051/mateconf/201818302009>.
4. Khmil, R., Tytarenko, R., Blikharsky, Y., & **Vegera, P.** (2018). Development of the procedure for the estimation of reliability of reinforced concrete beams, strengthened by building up the stretched reinforcing bars under load. Восточно-Европейский журнал передовых технологий, (5 (7)), 32-42.
5. Krainskyi, P., Blikharsky, Y., Khmil, R., & **Vegera, P.** (2018). Influence of loading level on the bearing capacity of RC columns strengthened by jacketing. MATEC Web of Conferences, 230, 02013. <https://doi.org/10.1051/mateconf/201823002013>.
6. Blikharsky, Z., Vashkevych, R., **Vegera, P.**, & Blikharsky, Y. (2019). Crack Resistance of RC Beams on the Shear. Lecture Notes in Civil Engineering, Vol. 47, (pp. 17-24).
7. Krainskyi, P., Blikharsky, Y., Khmil, R., & **Vegera, P.** (2019). Crack Resistance of RC Columns Strengthened by Jacketing. Lecture Notes in Civil Engineering, Vol. 47, (pp. 195-201).
8. Lobodanov, M., **Vegera, P.**, & Blikharsky, Z. (2019). Planning Experiment for Researching Reinforced Concrete Beams with Damages. Lecture Notes in Civil Engineering, Vol. 47, (pp. 243-250).

Publication in other journals

Near 30 articles in Ukrainian and Polish scientific journals

Participant in conference

Took part in 4 international conference in Poland and 8 Ukrainian international conference

Participant in the Grants

Took part in the 2 National Grant program for researching in Civil engineering