

Research/art/teacher profile of a person

Name and surname	prof. PaedDr. Katarína Žilková, PhD.
Document type:	Research/art/teacher profile of a person
The name of the university	Comenius University Bratislava
The seat of the university	Šafárikovo námestie 6, 818 06 Bratislava
The name of the faculty	Faculty of Education
The seat of the faculty	Račianska 59, 813 34 Bratislava

I. - Basic information

I.1 - Surname	Žilková
I.2 - Name	Katarína
I.3 - Degrees	prof., PaedDr., PhD.
I.4 - Year of birth	1971
I.5 - Name of the workplace	UK v Bratislave, Pedagogická fakulta / Comenius University, Faculty of Education
I.6 - Address of the workplace	Račianska 59, 813 34 Bratislava
I.7 - Position	profesor / Professor
I.8 - E-mail address	zilkoval@uniba.sk
I.9 - Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/4985
I.10 - Name of the study field in which a person works at the university	Učiteľstvo a pedagogické vedy / Teacher Training and Education Science
I.11 - ORCID iD	https://orcid.org/0000-0002-7561-7385

II. - Higher education and further qualification growth

II.1 - First degree of higher education

II.2 - Second degree of higher education

II.a - Name of the university or institution	Vysoká škola pedagogická, Pedagogická fakulta
II.b - Year	1994
II.c - Study field and programme	Učiteľstvo všeobecno-vzdelávacích predmetov, aprobácia matematika-výpočtová technika/Teaching of general education subjects, approbation of mathematics-computer technology

II.3 - Third degree of higher education

II.a - Name of the university or institution	Univerzita Komenského v Bratislave, Pedagogická fakulta/Comenius University in Bratislava, Faculty of Education
II.b - Year	2005
II.c - Study field and programme	Teória vyučovania matematiky/Theory of teaching mathematics

II.4 - Associate professor

II.a - Name of the university or institution	"Prešovská univerzita v Prešove, Pedagogická fakulta/ University of Prešov, Faculty of Education "
II.b - Year	2012
II.c - Study field and programme	Predškolská a elementárna pedagogika/preschool and elementary pedagogy

II.5 - Professor

II.a - Name of the university or institution	Univerzita Komenského v Bratislave, Pedagogická fakulta/Comenius University in Bratislava, Faculty of Education
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II.b - Year	2019
II.c - Study field and programme	Predškolská a elementárna pedagogika/preschool and elementary pedagogy

II.6 - Doctor of Science (DrSc.)

III. - Current and previous employment

III.a - Occupation-position	III.b - Institution	III.c - Duration
profesor/Professor	UK v Bratislave, Pedagogická fakulta/Comenius University in Bratislava, Faculty of Education	2017 - trvá/until now
profesor/Professor	KU v Ružomberku, Pedagogická fakulta/Catholic University in Ružomberok, Faculty of Education	12/2013 - 06/2017
docent/Associate Professor	UK v Bratislave, Pedagogická fakulta/Comenius University in Bratislava, Faculty of Education	06/2012 - 11/2013
odborný asistent/Assistant Professor	UK v Bratislave, Pedagogická fakulta/Comenius University in Bratislava, Faculty of Education	03/2006 - 05/2012
stredoškolský učiteľ/high school teacher	Gymnázium sv. Cyrila a Metoda v Nitre/Gymnasium of St. Cyril and Methodius in Nitra	09/1994 - 08/2006

IV. - Development of pedagogical, professional, language, digital and other skills

IV.a - Activity description, course name, other	IV.b - Name of the institution	IV.c - Year
Rigorózna skúška - učiteľstvo všeobecno-vzdelávacích predmetov v špecializácii matematika/Rigorous exam - teacher training of general education subjects specializing in mathematics	"Univerzita Konštantína Filozofa v Nitre, Fakulta prírodných vied/ Constantine the Philosopher University in Nitra, Faculty of Natural Sciences "	2004

V. - Overview of activities within the teaching career at the university

V.1 - Overview of the profile courses taught in the current academic year according to study programmes

V.1.a - Name of the profile course	V.1.b - Study programme	V.1.c - Degree	V.1.d - Field of study
Vyučovanie geometrie v primárnom vzdelávaní/Teaching geometry in primary education	Učiteľstvo pre primárne vzdelávanie/Teacher training for primary education	II.	učiteľstvo a pedagogické vedy/Teacher Training and Education Science
Metódy rozvíjania geometrických predstáv/Methods of developing geometric concepts	Predškolská a elementárna pedagogika/ preschool and elementary pedagogy	I.	učiteľstvo a pedagogické vedy/Teacher Training and Education Science
Tvorba výskumného projektu/Developing a research project	Predškolská a elementárna pedagogika/ preschool and elementary pedagogy	III.	učiteľstvo a pedagogické vedy/Teacher Training and Education Science
Manipulačná geometria/Handling geometry	Predškolská a elementárna pedagogika/ preschool and elementary pedagogy	I.	učiteľstvo a pedagogické vedy/Teacher Training and Education Science
Vyučovanie aritmetiky v primárnom vzdelávaní/Teaching arithmetic in primary education	Učiteľstvo pre primárne vzdelávanie/Teacher training for primary education	II.	učiteľstvo a pedagogické vedy/Teacher Training and Education Science

V.2 - Overview of the responsibility for the delivery, development and quality assurance of the study programme or its part at the university in the current academic year

V.2.a - Name of the study programme	V.2.b - Degree	V.2.c - Field of study
Predškolská a elementárna pedagogika/ preschool and elementary pedagogy	I.	učiteľstvo a pedagogické vedy/Teacher Training and Education Science
Učiteľstvo pre primárne vzdelávanie/Teacher training for primary education	II.	učiteľstvo a pedagogické vedy/Teacher Training and Education Science
Predškolská a elementárna pedagogika/ preschool and elementary pedagogy	III.	učiteľstvo a pedagogické vedy/Teacher Training and Education Science

V.3 - Overview of the responsibility for the development and quality of the field of habilitation procedure and inaugural procedure in the current academic year

V.3.a - Name of the field of habilitation procedure and inaugural procedure	V.3.b - Study field to which it is assigned
Učiteľstvo a pedagogické vedy, špecializácia: predškolská a elementárna pedagogika/Teacher training and pedagogical sciences, specialization: preschool and elementary pedagogy	učiteľstvo a pedagogické vedy/Teacher Training and Education Science

V.4 - Overview of supervised final theses

V.4.1 - Number of currently supervised theses

V.4.a - Bachelor's (first degree)	5
V.4.b - Diploma (second degree)	4
V.4.c - Dissertation (third degree)	1

V.4.2 - Number of defended theses

V.4.a - Bachelor's (first degree)	37
V.4.b - Diploma (second degree)	30
V.4.c - Dissertation (third degree)	4

V.5 - Overview of other courses taught in the current academic year according to study programmes

V.5.a - Name of the course	V.5.b - Study programme	V.5.c - Degree	V.5.d - Field of study
Tvorba výskumného projektu/Developing a research project	Všeobecný vedný základ/General scientific basis	III.	učiteľstvo a pedagogické vedy/Teacher Training and Education Science

VI. - Overview of the research/artistic/other outputs

VI.1 - Overview of the research/artistic/other outputs and the corresponding citations

VI.1.1 - Number of the research/artistic/other outputs

VI.1.a - Overall	137
VI.1.b - Over the last six years	42

VI.1.2 - Number of the research/artistic/other outputs registered in the Web of Science or Scopus databases

VI.1.a - Overall	16
VI.1.b - Over the last six years	15

VI.1.3 - Number of citations corresponding to the research/artistic/other outputs

VI.1.a - Overall	346
VI.1.b - Over the last six years	40

VI.1.4 - Number of citations registered in the Web of Science or Scopus databases

VI.1.a - Overall	72
VI.1.b - Over the last six years	16

VI.1.5 - Number of invited lectures at the international, national level

VI.1.a - Overall	13
VI.1.b - Over the last six years	4

VI.2 - The most significant research/artistic/other outputs

1	AAA03 Žilková, Katarína [UKOPDDPP] (65%) - Partová, Edita [UKOPDDPP] (10%) - Kopáčová, Janka (10%) - Tkačik, Štefan (5%) - Mokriš, Marek (5%) - Budínová, Irena (3%) - Gunčaga, Ján [UKOPDDPP] (2%):Young children's concepts of geometric shapes. - 1. vyd.. - Harlow : Pearson, 2018. - 242 s. [print] ISBN 978-0-13-2732-222-7
2	AAA01 Žilková, Katarína [UKOPDDPP] (100%) : Teória a prax geometrických manipulácií v primárnom vzdelávaní. - 1. vyd. - Praha : Powerprint, 2013. - 114 s. ISBN 978-80-87415-84-9
3	ACB04 Kožuchová, Mária [UKOPDPEP] (32.4% [5,7 AH]) - Szentesiová, Lenka [UKOPDPEP] (15.9% [2,8 AH]) - Partová, Edita [UKOPDDPP] (8.5% [1,5 AH]) - Žilková, Katarína [UKOPDDPP] (8.5% [1,5 AH]) - Nemcová, Jana [UKOPDPEP] (8% [1,4 AH]) - Rochovská, Ivana (8%[1,4 AH]) - Líška, Denis [UKOPDDPP] (1.7% [0,3 AH]) - Belešová, Mária [UKOPDPEP] (2.8% [0,5 AH]) - Mistrík, Erich [UKOPDEOV] (6.8% [1,2 AH]) - Merica, Marián [UKOPDPEP] (7.4% [1,3 AH]): Kurikulum primárneho vzdelávania. - 1. vyd. -Bratislava :Univerzita Komenského v Bratislave, 2019. - 267 s. [17,6 AH] [print] ISBN 978-80-223-4767-9
4	ADE06 Žilková, Katarína [UKOPDDPP] (40%) - Gunčaga, Ján [UKOPDDPP] (30%) - Kopáčová, Janka (30%): (Mis)conceptions about geometric shapes in pre-service primary teachers.In: Acta Didactica Napocensia [elektronický zdroj]. - Roč. 8, č. 1 (2015), s. 27-35 [online]. - ISSN 2065-1430 URL: https://eric.ed.gov/?id=EJ1064381

- 5 ADN01 Gunčaga, Ján [KAUT] [UKOPDDPP] (35%) - Tkačik, Štefan (30%) - Žilková, Katarína [UKOPDDPP] (35%): Understanding of selected geometric concepts by pupils of pre-primary and primary level education. In: European journal of contemporary education [elektronický dokument]. - Roč. 6, č. 3 (2017), s. 497-515. - ISSN (print) 2304-9650

VI.3 - The most significant research/artistic/other outputs over the last six years

- 1 AAA02 Žilková, Katarína [UKOPDDPP] (65%) - Partová, Edita [UKOPDDPP] (10%) - Kopáčová, Janka (10%) - Tkačik, Štefan (5%) - Mokriš, Marek (5%) - Budínová, Irena (3%) - Gunčaga, Ján [UKOPDDPP] (2%): Young children's concepts of geometric shapes. - 1. vyd.. - Harlow : Pearson, 2018. - 242 s. [print]
Lit.: 107 záz. ISBN 978-1-78726-989-7
- 2 AAB01 Kuruc, Martin [UKOPDPEP] (27%) - Kožuchová, Mária [UKOPDPEP] (24%) - Severini, Eva [UKOPDPEP] (15%) - Zelina, Miron (14%) - Žilková, Katarína [UKOPDDPP] (20%): Sebaregulácia učenia sa študentov predprimárneho a primárneho vzdelávania/Self-regulation of students of pre-primary and primary education. - 1. vyd./1st. ed. -Bratislava : Univerzita Komenského v Bratislave, 2020. - 218 s. [print] Lit.: 232 záz. ISBN 978-80-223-4996-3
- 3 ADN02 Gunčaga, Ján [UKOPDDPP] (50%) - Žilková, Katarína [UKOPDDPP] (50%): Visualisation as a method for the development of the term rectangle for pupils in primary school. In: European journal of contemporary education [elektronický dokument]. - Roč./Vol. 8, č./No. 1 (2019), s. 52-68. - ISSN (print) 2304-9650
- 4 AFC08 Žilková, Katarína [UKOPDDPP] (34%) - Partová, Edita [UKOPDDPP] (33%) - Gunčaga, Ján [UKOPDDPP] (33%): Design of educational applets for increasing children's abilities to recognize patterns. In: E-learning and smart learning environment for the preparation of new generation specialists : Roč. 10. - Katowice : Uniwersytet Śląski w Katowicach, 2018. - S. 229-242. - ISSN 2451-3644. - ISBN 978-83-66055-05-6
- 5 AFC09 Žilková, Katarína [UKOPDDPP] (50%) - Partová, Edita [UKOPDDPP] (50%): Virtual manipulatives with cubes for supporting the learning process [elektronický dokument] Lit.: 12 záz. In: SEMT 19 [elektronický dokument] : Opportunities in Learning and Teaching Elementary Mathematics. - Praha : Univerzita Karlova v Praze, 2019. - S. 427-437 [USB-key]. - ISBN 978-80-7603-069-5

VI.4 - The most significant citations corresponding to the research/artistic/other outputs

- 1 ADE06 Žilková, Katarína [UKOPDDPP] (40%) - Gunčaga, Ján [UKOPDDPP] (30%) - Kopáčová, Janka (30%): (Mis)conceptions about geometric shapes in pre-service primary teachers. In: Acta Didactica Napocensia [elektronický zdroj]. - Roč. 8, č. 1 (2015), s. 27-35 [online]. - ISSN 2065-1430
Ohlasy (17):
[o1] 2016 Pazmiño-Maji, Rubén, A. - García Peñalvo, Francisco, J. - Conde-González, Miguel, A.: Approximation of statistical implicative analysis to learning analytics: a systematic review. In: TEEM 16 - Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality. New York : ACM, 2016, S. 359, 360 - SCOPUS

[o1] 2019 Angraini, Padhila - Prahmana, Rully Charitas Indra: Misconceptions of seventh grade students in solving geometry problem type national examinations. In: Journal of Physics: Conference Series 1188, 2019, Article number 012101 - SCOPUS
[o1] 2020 Kurt-Birel, Gamze - Deniz, Sule - Önel, Fatih: Analysis of primary school teachers knowledge of geometry. In: International Electronic Journal of Elementary Education, roč. 12, č. 4, 2020, s. 303-309 - SCOPUS
[o1] 2018 Trimurtini, T. - Sari, Elok Fariha - Ahmadi, Farid: Primary school teachers' capability in developing learning media basedon tangram interactive game. In: Proceedings of the 5th international conference on community development AMCA2018. Paris : Atlantis Press, 2018, S. 519-521 - CPCI-SSH

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ADF05 Žilková, Katarína [UKOPDDPP] (100%) : Misconceptions in pre-service primary education teachers about quadrilaterals Lit. 24 záz. In: Journal of Education, Psychology and Social Sciences [elektronický zdroj]. - Roč. 3, č. 1 (2015), s. 30-37 [online]. - ISSN 1339-1488 URL: <http://www.sci-pub.com/archive/?vid=1&aid=1&kid=10301>

Ohlasy(10):

[o1] 2016 Pazmiño-Maji, Rubén, A. - García Peñalvo, Francisco, J. - Conde-González, Miguel, A.: Approximation of statistical implicative analysis to learning analytics: a systematic review. In: TEEM 16 - Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality. New York : ACM, 2016, S. 359, 360 - SCOPUS

[o1] 2019 Zeybek, Zulfiye: İlköğretim matematik öğretmenleri adayların dörtgenler ve geometrik cisimleri hiyerarşik sınıflandırma düzeylerinin incelenmesi. In: Turkish Journal of Computer and Mathematics Education, roč. 10, č. 3, 2019, s.680-710 - SCOPUS

[o3] 2016 Zeybek, Zulfiye: Productive struggle in a geometry class. In: International Journal of Research in Education and Science, roč. 2, č. 2, Summer 2016, s. 402, 411

[o3] 2017 Zeybek, Zulfiye: Learning to understand inclusion relations of quadrilaterals. In: The Eurasia Proceedings of Educational & Social Sciences, roč. 6. Ames : ISRES, 2017, s. 9, 10, 12

[o3] 2017 Butuner, Suphi Onder - Filiz, Mehmet: Exploring Turkish mathematics teachers' content knowledge of quadrilaterals. In: International Journal of Research in Education and Science, Vol. 3, No. 2, Summer 2017, s. 405

3

ADN01 Gunčaga, Ján [KAUT] [UKOPDDPP] (35%) - Tkačik, Štefan (30%) - Žilková, Katarína [UKOPDDPP] (35%): Understanding of selected geometric concepts by pupils of pre-primary and primary level education

Lit. 11 záz.

In: European journal of contemporary education [elektronický dokument]. - Roč. 6, č. 3 (2017), s. 497-515. - ISSN (print) 2304-9650

Ohlasy(10):

[o1] 2020 Amir, Mohammad F. - Ariyanti, Novia - Anwar, Najih - Valentino, Erik - Afifah, Dian S.N.: Augmented reality mobile learning system: Study to improve PSTs' understanding of mathematical development. In: International Journal of Interactive Mobile Technologies, roč. 14, č. 9, 2020, s. 239-247 - SCOPUS

[o1] 2021 ~ Bruns, Julia - Unterhauser, Elisabeth - Gasteiger, Hedwig: Understanding of geometrical concepts in elementary school using the example of quadrangle, rectangle and square. In: Journal für Mathematik-Didaktik, roč. 42, č. 2, 2021, s. 581-623 -- ESCI ; SCOPUS

[o1] 2019 ~ Halas, Zdeněk - Robová, Jarmila - Moravcová, Vlasta - Hromadová, Jana: Students' concepts of the trapezoid at the end of lower secondary level education. In: Open Education Studies, roč. 1, č. 1, 2019, s. 186 -- SCOPUS

[o1] 2021 ~ Pomelov, V.B.: Pedagogy of cooperation of the 1980s as an innovative practice. In: Perspektivy Nauki i Obrazovania, roč. 53, č. 5, 2021, s. 620-630 -- SCOPUS

[n1] 2023 zz ~ Herheim, Rune: On the origin, characteristics, and usefulness of instrumental and relational understanding. In: Educational Studies in Mathematics, roč. 113, č. 3, 2023, s. 395 -- SSCI ; SCOPUS

4	<p>Kopáčová, Janka (aut) (50%) - Žilková, Katarína (aut) [UKOPDDPP] (50%): Developing children's language and reasoning about geometrical shapes : a case study Lit. 10 zázň.</p> <p>In: SEMT `15 : Developing mathematical language and reasoning [elektronický zdroj]. - Praha : Univerzita Karlova, Pedagogická fakulta, 2015. - S. 184-192 [CD-ROM]. - ISBN 978-80-7290-833-2</p> <p>[International Symposium Elementary Maths Teaching. Praha, 16.-21.8.2015]</p> <p>010 Pedagogické vedy</p> <p>Registrované v:</p> <p>WOS CC Web of Science Core Collection</p> <p>Ohlasy (5):</p> <p>[o4] 2016 ~ Budínová, Irena: Rozvíjanie predstáv pojmu štvorec na základnej škole. In: Studia Scientifica Facultatis Paedagogicae, roč. 15, č. 4, 2016, s. 49</p> <p>[o1] 2017 ~ Budínová, Irena: Progressive development of perception of the concept of a square by elementary school pupils. In: SEMT' 17 : Equity and diversity in elementary mathematics education. Praha : Univerzita Karlova, Pedagogická fakulta, 2017, S. 111 -- CPCI-SSH</p> <p>[o4] 2017 ~ Budínová, Irena: Utváření představ o pojmu trojúhelník v průběhu základní školy. In: Primárne matematické vzdelávanie - teória, výskum a prax. Banská Bystrica : Belianum, 2017, S. 23</p> <p>[o1] 2018 ~ Gunčaga, Ján - Janiga, Róbert: Virtualisation tools in science education. In: DIVAI 2018. Praha : Wolters Kluwer, 2018, S. 68 -- CPCI-SSH</p> <p>[o1] 2018 ~ Gunčaga, Ján - Brandl, Matthias: Some methods of problem solving in historical mathematical textbooks. In: IARTEM, roč. 10, č. 1-2, 2018, s. 87 -- ESCI</p>
5	<p>ACB01 Žilková, Katarína [UKOPDDPP] (100%) : Školská matematika v prostredí IKT : (informačné a komunikačné technológie)/School mathematics in the ICT environment: (information and communication technologies). - 1. vyd./1st. ed. - Bratislava : Univerzita Komenského, 2009. - 136 s. ISBN 978-80-223-2555-4</p> <p>Ohlasy/Citations (77):</p> <p>[o2] 2012 Híc, Pavel: Blended learning in arithmetic teaching. In: ICETA 2012 - 10th IEEE International Conference on Emerging eLearning Technologies and Applications, Proceedings. November 8-9, 2012 Stará Lesná. New York : IEEE, 2012, S. 127- CPCI-S</p> <p>[o1] 2015 Koreňová, Lilla: What to use for mathematics in high school: PC, tablet or graphing calculator. In: International Journal for Technology in Mathematics Education, vol. 22, no. 2, 2015, s. 59-64 - ESCI ; SCOPUS</p> <p>[o1] 2019 Stoffová, Veronika - Horváth, Roman: Subjects "ict in education" in teacher training study programs at universities. In: ICERI proceedings. Valencia : IATED Academy, 2019, S. 11621-11629 - CPCI-SSH</p> <p>[o1] 2015 Pokorný, Milan: Interactive materials for teaching mathematics. In: DISCO 2014. Praha : Centrum pro studium vysokého školství, 2015, S. 243-250 - SPCI-SSH</p> <p>[o1] 2020 Rumanová, Lucia - Vallo, Dušan - Laššová, Katarína: Students ability to solve geometry problems with emphasis on interdisciplinary relations. In: TEM Journal, roč. 9, č. 4, 2020, s. 1755-1759 - ESCI</p> <p>[o1] 2020 Ďuriš, Viliam - Šumný, Timotej: AD ALTA, roč. 10, č. 1, 2020, s. 334-341 - ESCI</p>
<p>VI.5 - Participation in conducting (leading) the most important research projects or art projects over the last six years</p>	
1	<p>VEGA 1/0592/20 Názov/Name: Genderový aspekt matematickej úzkosti detí mladšieho školského veku/Gender aspect of mathematical anxiety in young school children. Obdobie/Duration 2020 - 2022. Zástupca hlavného riešiteľa/Deputy Principal Investigator.</p>
2	<p>KEGA 004TTU-4/2021 Názov/Name: Vyučovanie matematiky a informatiky pomocou elektronických interaktívnych komponentov/Teaching mathematics and computer science using electronic interactive components. Obdobie/Duration 2021 - 2023. Hlavný riešiteľ za spolupracujúce pracovisko v BA/Principal investigator for the project partner in Bratislava.</p>

3	APVV - 15-0378 Názov/Name: Optimalizácia výučbových materiálov z matematiky na základe analýzy súčasných potrieb a schopností žiakov mladšieho školského veku/Optimization of teaching materials in mathematics based on the analysis of current needs and abilities of young school pupils. Obdobie/Duration: 2016 - 2020. PdF UK v Bratislave/Comenius University in Bratislava, Faculty of Education, spoluriešiteľ/co-investigator
4	VEGA 1/0440/15 Názov/Name: Geometrické koncepcie a miskoncepce detí predškolského a školského veku/Geometric concepts and misconceptions of children of preschool and school age. Obdobie/Duration 2015 - 2017. Hlavný riešiteľ/Principal Investigator
5	VEGA 1/0443/18 Názov/ame: Analýza sebaregulačných štýlov učenia sa študentov odboru predškolská a elementárna pedagogika/Analysis of self-regulatory learning styles of the students in the study field of preschool and elementary pedagogy. Obdobie/Duration: 2018 - 2020. PdF UK v Bratislave, spoluriešiteľ/co-investigator

VII. - Overview of organizational experience related to higher education and research/artistic/other activities

VII.a - Activity, position	VII.b - Name of the institution, board	VII.c - Duration
člen vedeckej rady Univerzita Palackého v Olomouci/Member of the Scientific Board Palacký University in Olomouc	Univerzita Palackého v Olomouci, Czech Republic	2021 - trvá/until now
člen a predseada vedeckej rady PdF UK v Bratislave/Member and Head of the Scientific Board of the Faculty of Education,Comenius University in Bratislava	PdF UK v Bratislave/Comenius University, Faculty of Education	2020 - member, 2023 Head - trvá/until now
člen oborovej rady pro obor Pedagogika/member of the branch council for the field of Education	PdF Univerzita Palackého, Olomouc, Czech Republic	2014 - trvá/until now
člen redakčnej rady časopisu Učiteľ matematiky/member of the editorial board of the journal Math Teacher	Jednota českých matematikov a fyzikov/Union of Slovak Mathematicians and Physicists	2017 - trvá/until now
člen výboru JSMF/member of the committee JSMF	Jednota slovenských matematikov a fyzikov/Union of Slovak Mathematicians and Physicists	2011 - trvá/until now
člen výboru SMS/member of the committee SMS	Slovenská matematická spoločnosť/lovak Mathematical Society	2013 - 2020

VIII. - Overview of international mobilities and visits oriented on education and research/artistic/other activities in the given field of study

VIII.a - Name of the institution	VIII.b - Address of the institution	VIII.c - Duration (indicate the duration of stay)	VIII.d - Mobility scheme, employment contract, other (describe)
Wydział Pedagogiczny, Instytut Pedagogiki Przewodzonej i Szkolnej, Krakow, Poland		2016 (krátkodobý, týždeň)/(short, week)	Erazmus
Pedagogická fakulta Karlovej Univerzity, Praha/Charles University in Prague Czech Republic		2012, 2019 (krátkodobé, týždeň)/(short, week)	Erazmus
Masarykova univerzita Brno, Czech Republic		2011, 2021 (krátkodobé, týždeň)/(short, week)	Erazmus
Univerzita Palackého, Olomouc, Czech Republic		2013 (krátkodobé, týždeň)/(short, week)	Erazmus

IX. - Other relevant facts

IX.a - If relevant, other activities related to higher education or research/artistic/other activities are mentioned

- od mája 2021 – člen komisie č. 2 pre nové technológie, metódy a formy vo vzdelávaní Kultúrnej a edukačnej grantovej agentúry Ministerstva školstva, vedy, výskumu a športu SR

od 2018 spolugarant habilitačného a inauguračného konania v študijnom programe 1.1.5 Predškolská a elementárna pedagogika (Pdf UK v Bratislave)

- od 2021 – 2026 člen ústrednej komisie pre predprimárne a základné vzdelávanie pre vzdelávaciu oblasť Matematika a práca s informáciami – Matematika
- člen Riadiaceho medzinárodného výboru Soutěže vysokoškolákov ve vědecké odborné činnosti v didaktice matematiky, Praha
- člen komisií pre obhajobu dizertačných prác z odborov Predškolská a elementárna pedagogika, Teória vyučovania matematiky (Pdf UK v Bratislave, FMFI UK v Bratislave, Pdf PU v Prešove, Pdf UP v Olomouci)
- od 2015 – predseda atestačnej komisie pre prvú a druhú atestáciu v kategórii učiteľ, v podkategórii učiteľ pre nižšie stredné vzdelávanie, nižšie stredné odborné vzdelávanie, stredné odborné vzdelávanie, úplné stredné všeobecné vzdelávanie, úplné stredné odborné vzdelávanie a učiteľ pre vyššie odborné vzdelávanie v predmetoch matematika a informatika, Trnavská univerzita v Trnave
- od 2015 – člen Celoslovenskej ústrednej predmetovej komisie pre matematiku pre ŠPÚ v Bratislave (http://www.statpedu.sk/images/sk/o-organizacii/organizacia-spu/poradne-organy/ustredne-predmetove-komisie/pk_mat.pdf)

- 2015 - 2017 člen edičnej rady časopisu Studia Scientifica Facultatis Paedagogicae, PF KU v Ružomberku
- 2014 - 2015 Člen hlavnej evalvačnej skupiny projektu PRINED (Projekt inkluzívnej edukácie), operačný program Vzdelávanie
- Posudzovateľ úloh, recenzent testov a úloh Testovanie T5 - pre Národný ústav certifikovaných meraní vzdelávania (NUCEM) /
- since May 2021 - member of commission no. 2 for new technologies, methods and forms in education of the Cultural and Educational Grant Agency of the Ministry of Education, Science, Research and Sports of the Slovak Republic from 2018 co-guarantor of the habilitation and inauguration procedure in the study program 1.1.5 Preschool and elementary pedagogy (Pdf UK in Bratislava)
- from 2021 - 2026 member of the central commission for pre-primary and basic education for the educational area of Mathematics and work with information - Mathematics
- Member of the Steering Committee of the International Competition of University Students in Scientific Professional Activities in Mathematics Didactics, Prague
- member of commissions for the defense of dissertations from the fields of Preschool and Elementary Pedagogy, Theory of Teaching Mathematics (Pdf UK in Bratislava, FMFI UK in Bratislava, Pdf PU in Prešov, Pdf UP in Olomouc)
- since 2015 - Chairman of the attestation commission for the first and second attestation in the category of teacher, in the subcategory teacher for lower secondary education, lower secondary vocational education, secondary vocational education, complete secondary general education, complete secondary vocational education and teacher for higher vocational education in subjects Mathematics and Informatics, Trnava University in Trnava
- since 2015 - member of the All-Central Central Subject Commission for Mathematics for SPU in Bratislava (http://www.statpedu.sk/images/sk/o-organizacii/organizacia-spu/poradne-organy/ustredne-predmetove-komisie/pk_mat.pdf)
- 2015 - 2017 member of the editorial board of the journal Studia Scientifica Facultatis Paedagogicae, PF KU in Ružomberok
- 2014 - 2015 Member of the main evaluation group of the PRINED project (Inclusive Education Project), operational program Education
- Assignor, test reviewer and assignment T5 testing - for the National Institute of Certified Educational Measurements (NUCEM)

