

Research/teacher profile of a person

	Date of last update	31/12/2023

I. Basic information

I.1 Surname	Hajdúková
I.2 Name	Tatiana
I.3 Degrees	doc., RNDr., PhD.
I.4 Year of birth	1963
I.5 Name of the workplace	Department of Informatics and Management
I.6 Address of the workplace	Academy of the Police Force in Bratislava, Sklabinská 1, 835 17 Bratislava
I.7 Position	Associate Professor
I.8 E-mail address	tatiana.hajdukova@minv.sk tatiana.hajdukova@akademiapz.sk
I.9 Hyperlink to the entry of a person in the Register of university staff	https://www.portalvs.sk/regzam/detail/63
I.10 Name of the study field in which a person works at the university	Security Sciences
I.11 ORCID iD	https://orcid.org/0000-0002-2313-4568

II. Higher education and further qualification growth

	II.a Name of the university or institution	II.b Year	II.c Study field and programme
II.1 First degree of higher education	-	-	-
II.2 Second degree of higher education	Faculty of Mathematics and Physics, Comenius University in Bratislava	1988	Theory of Teaching Physics
II.2a Rigorous procedure	Faculty of Mathematics and Physics, Comenius University in Bratislava	1989	Security Services
II.3 Third degree of higher education	Academy of the Police Force in Bratislava	2013	Theory of Police Sciences
II.4 Associate professor	Academy of the Police Force in Bratislava	2019	Protection of Persons and Property
II.5 Professor	-	-	-
II.6 Doctor of Science (D.Sc.)	-	-	-
II.7 Further education	The Methodology and Pedagogy Center in Bratislava	2007	Specialized Qualification Study of Informatics

III. Current and previous employment

III.a Occupation-position	III.b Institution	III.c Duration
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University teacher	Academy of the Police Force in Bratislava	2008 - present 2008 Assistant 2013 Assistant Professor 2020 Associate Professor
Methodologist	The Methodology and Pedagogy Center in Bratislava	od 2001 do 2011
High School Teacher	High School of Jána Papánka, Vazovova 6, Bratislava	od 1988 do 2002

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
Datamining	Center for Learning ACREA	2021
Monitorovanie, odhaľovanie, objasňovanie a vyšetrovanie extrémizmu v kyberpriestore	Department of Crime Prevention of Ministry of Interior of the Slovak Republic	2016
Školenie pre vyšetrovateľov a manažérov/koordinátorov trestných činov, hlásení, či incidentov počítačovej kriminality, vrátane počítačovej forenznej analýzy	Bureau of Criminal Police, Department of Cyber Criminality, Police Force of the Slovak Republic	2016
Combating child sexual exploitation on the internet through undercover activities	Cepol HQ, Budapest, Hungary	2016
Child Sexual Exploitation On-line	MEPA seminarr	2016
Train the Trainer Course	Centre for Cybersecurity & Cybercrime Investigation, UCD School of Computer Science, University Collage Dublin	2015
Introduction to Wireless Investigations	Centre for Cybersecurity & Cybercrime Investigation, UCD School of Computer Science, University Collage Dublin	2015
Kurz Analýza kategorizovaných dát I., II., III.	Center for Learning ACREA	2015
Kurz Lineárna a regresná analýza	Center for Learning ACREA	2015
Kurz Analýza časových radov	Center for Learning ACREA	2015
Cyber Crime versus Cyber Security	Cepol HQ, Tampere, Fínsko	2014
Kurz Digital Forensic Analysis and Investigation	Fibamo Ltd.	2013
Kurz Network Forensic	Network Forensic	2013
Postgraduálne štúdium v oblasti informačnej bezpečnosti	Ministry of Finance of the Slovak Republic	2013

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.1a Name of the profile course	V.1b Study programme	V.1c Degree	V.1d Field of study
Security Systems Modeling	Security and Legal Services in Public Administration	3.	Security Sciences

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.2a Name of the study programme	V.2b Degree	V.2c Field of study	
Security and Legal Protection of Persons and Property	1., 2., 3.	Security Sciences	
Security and Legal Services in Public Administration	1., 3.	Security Sciences	
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.3a Name of the field of habilitation procedure and inaugural procedure	V.3b Study field to which it is assigned		
Security Sciences	Security Sciences		
V.4 Overview of supervised final theses			
	V.4a Bachelor's (first degree)	V.4b Diploma (second degree)	V.4c Dissertation (third degree)
V.4.1 Number of currently supervised theses	2	1	4
V.4.2 Number of defended theses	35	35	1
V.5 Overview of other courses taught in the current academic year according to study programmes at the Academy of the Police Force in Bratislava			
V.5a Name of the course	V.5b Study programme	V.5c Degree	V.5d Field of study
Informatics 1	Security and Legal Protection of Persons and Property	1.	Security Sciences
Informatics 1	Security and Legal Services in Public Administration	1.	Security Sciences
Modern Methods of Information Processing	Security and Legal Protection of Persons and Property	1.	Security Sciences
Modern Methods of Information Processing	Security and Legal Services in Public Administration	1.	Security Sciences
Informatics 2	Security and Legal Protection of Persons and Property	1.	Security Sciences
Informatics 2	Security and Legal Services in Public Administration	1.	Security Sciences
Information Systems of the Police Force	Security and Legal Protection of Persons and Property	2.	Security Sciences
Statistical Methods	Security and Legal Protection of Persons and Property	3.	Security Sciences
Statistical Methods	Security and Legal Services in Public Administration	3.	Security Sciences
Security Systems Modeling	Security and Legal Protection of Persons and Property	3.	Security Sciences
V.6 Overview of other courses according to study programmes for the last six years at the Academy of the Police Force in Bratislava			
V.6a Name of the course	V.6b Study programme	V.6c Degree	V.6d Field of study
Informatics 1	Security and Legal Protection of Persons and Property	1.	Security Sciences
Informatics 1	Security and Legal Services in Public Administration	1.	Security Sciences
Modern Methods of Information Processing	Security and Legal Protection of Persons and Property	1.	Security Sciences

Modern Methods of Information Processing	Security and Legal Services in Public Administration	1.	Security Sciences
Informatics 2	Security and Legal Protection of Persons and Property	1.	Security Sciences
Informatics 2	Security and Legal Services in Public Administration	1.	Security Sciences
Information Systems of the Police Force	Security and Legal Protection of Persons and Property	2.	Security Sciences
Statistical Methods	Security and Legal Protection of Persons and Property	3.	Security Sciences
Statistical Methods	Security and Legal Services in Public Administration	3.	Security Sciences
Security Systems Modeling	Security and Legal Protection of Persons and Property	3.	Security Sciences

V.7 Overview of other courses taught in further specialised education¹⁴

V.7a Name of the course/training	V.7b Study programme	V.7c Degree	V.7d Institution	V.7e Field of study	V.7f Year
Additional pedagogical studies			Academy of the Police Force in Bratislava & Centre for education and psycholog		2023
University of the Third Age			Academy of the Police Force in Bratislava		2022 present
Data vizualization			Financial intelligence unit Presidium of the Police Force		2023
Microsoft Power BI			Criminal Analysis Management Department, Presidium of the Police Force		2023
Data and graphic data analysis			Criminal Analysis Management Department, Presidium of the Police Force		2023
Data and graphic data analysis	-	-	Financial intelligence unit Presidium of the Police Force		2022
Information technology for beginners and advanced	-	-	Financial intelligence unit Presidium of the Police Force		2022
Police Management Training Course	-	-	Presidium of the Police Force		2022 present
Specialized Police Studies	-	-	Academy of the Police Force in Bratislava		2008 present
Instructive and Methodological Employment of the Police Forces	-	-	Department of Communication and Prevention, Presidium of the Police Force		2015
Child Sexual Exploitation On-line	-	-	MEPA		2016
Instructive and Methodological Employment of the Police Forces	-	-	Department of Communication and Prevention, Presidium of the Police Force		2018

V.8 The most significant pedagogical activity at other universities (maximum of five)

V.8a Name of the course/training	V.8b Study programme	V.8c Degree	V.8d Institution	V.8e Field of study	V.8f Year

VI. Profile of the quality of research/other outputs (overview of the research/other outputs and corresponding citations)

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

	VI.1a Overall	VI.1b Over the last six years
VI.1.1 Number of the research/other outputs	95	63
A+	11	10
A	28	25
A-	29	16
B	17	10
C	10	2
VI.1.2 Number of the research/other outputs registered in the Web of Science or Scopus databases	2	2
VI.1.3 Number of citations corresponding to the research/other outputs	95	84
VI.1.4 Number of citations registered in the Web of Science or Scopus databases	4	4
VI.1.5 Number of invited lectures at the international/national level	2/2	1/2
VI.1.6 Number of projects granted for the funding of research	2	2

VI.2 The most significant research/other outputs (maximum of five)

1.	<p>AFA BACIGÁL, Ivan - HAJDÚKOVÁ, Tatiana Overcoming problems in examining and investigating sexual abuse of children online in practice aut. Ivan Bacigál, aut. Tatiana Hajdúková. In: Law-Security-Information [electronic source] : Collection of articles from the 4th international conference "Solving electronic abuse and cybercriminality" that took place on 9.10 - 10.10. in Jihlava. - ISSN 2336-3657. - Vol. 1, Special Edition (2014), online, 12 p. Full text available at: http://www.teorieib.cz/pbi/?section=articles Sign.: copy [BACIGÁL, Ivan (50%) - HAJDÚKOVÁ, Tatiana (50%)]</p> <p>Authors in this scientific work reflect on a global social problem that has been present since the widespread presence of the internet. One of the biggest risks in this environment is contactless exploitation and abuse of children by sexual predators, who use the anonymity this environment provides, as well as advantages of remote communication that bypasses limits of countries and continents. Increase in the intensity of this problem during the COVID 19 pandemic points out that this problem is ever more present and acute. According to the criteria of the Scientific Council of the Academy of the Police Force in Bratislava, which is a published article on invitation on a international scientific conference, which has a real contribution in context of public internet network. This is also one of the outcomes of the scientific task "Safety of children in virtual space". Therefore, the author put this in the A+ category.</p>
2.	<p>AEC HAJDÚKOVÁ, Tatiana Improving Road Safety and Eliminating Consequences of Traffic Accidents in the European Union : Part VII / aut. Tatiana Hajdúková, rec. Miroslav Lisoň, rec. Krystyna Lisiecka, rec. Izabela Nowicka. In: Selected Social and Political Aspects of Internal Security / zost. Jacek Dworzecki. - New York : Iglobal Writer Inc., Pro Pomerania Foundation Poland, 2015. - ISBN 978-83-63680-80-0. - S. 123-134. Sign.: F 18540 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>This work deals with establishing new tools and presents accepted legislative measures on EU scale, which are designed to improve safety of road traffic, specifically traffic accidents. Based on statistical pointers it evaluates estimated effectivity of ambitious goals of EU commision to drastically reduce number of victims killed in traffic accidents. This is done by comparing the most and least successful states per 10,000 capita. According to the partition of articles, this is a chapter in a scientific monography published by an international publisher, which has an objective importance on a european scale for road traffic safety. Moreover, this is one of the outcomes of the scientific task "Methods of Processing Relevant Information". Therefore, the author put this research output in the A+ category.</p>

3.	<p>AFC HAJDÚKOVÁ, Tatiana Road traffic safety with focus on demographic structure of the population / aut. Tatiana Hajdúková. In: RELIK 2019 [electronic document] : the 12th international scientific conference : reproduction of human capital - mutual links and connections / zost. Jitka Langhamrová, zost. Tomáš Löster, zost. Jana Vrabcová Langhamrová, zost. Dana Zachariášová. - Praha : Oeconomica Publishing House, 2019. - ISBN 978-80-245-2329-3. - pp. 85-94. Full text: https://relik.vse.cz/insection/55 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>Changes accompanying demographic development in Europe are rarely put into consideration together with road traffic safety, hence the article addresses this issue. Following an assumption that the number of senior citizens will be continuously increasing, we deem it important to be aware of the consequences of changes in road traffic safety which are brought about by this demographic movement. The following article is aimed to draw a comparison between road traffic participants who were killed in a traffic car accident in 2016 in the European Union, the Czech Republic, and the Slovak Republic in terms of age of the participants, as well as how they were involved in the traffic accident.</p> <p>Scientific work is published in a journal indexed in an international professional database WOS. Moreover, it is one of the outcomes of scientific task "Methods of Processing Relevant Information". Therefore, the author put this research output in the A+ category.</p>
4.	<p>AEC HAJDÚKOVÁ, Tatiana Modelling correlative relationships between the road traffic accidents, road infrastructure, and road traffic density. / aut. Tatiana Hajdúková. In: Cyber security, Economic criminality, and safety management in relative dependence. [print] / aut. collections of authors, rec. Branislav Lacko, rec. Petr Hruza. - Praha : Police Academy of the Czech Republic, 2020. - ISBN 978-80-7251-505-9. - pp. 133-151. Sign.: F 20344 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>In this scientific work we researched dependence between road infrastructure and road traffic density, which are beside participants of road traffic the key factors which determine the overall traffic accident rate. The empirical part of this article is based on data provided by the Traffic Police of the Slovak Republic. Using this data we were able to analyze the whole dataset, without the uncertainty that is caused by choosing a subset of the whole dataset. Chosen parameters of the analysis represent universal factors of global importance, which greatly influence the traffic accident rate.</p> <p>This was published as a part of a scientific monography published by an international publisher, which has an objective importance on a european scale for road traffic safety. Moreover, this is one of the outcomes of the scientific task "Methods of Processing Relevant Information". Therefore, the author put this research output in the A+ category.</p>
5.	<p>AAB HAJDÚKOVÁ, Tatiana - BACIGÁL, Ivan</p> <p>Ochrana detí vo virtuálnom prostredí / aut. Tatiana Hajdúková, aut. Ivan Bacigál, rec. Miroslav Lisoň, rec. Jozef Požár, rec. Lenka Dingová. - 1. vyd. - Bratislava : Akadémia Policajného zboru v Bratislave, 2015. - 116 s. - ISBN 978-80-8054-654-0.</p> <p>[HAJDÚKOVÁ, Tatiana (50%) - BACIGÁL, Ivan (50%)]Sign.: F 20344</p> <p>The scientific monograph presents research in the field of non-contact online sexual abuse of children in the Slovak Republic with identification of regional differences. The chosen parameters of the research represent universal factors of international significance, which significantly determine the safety of children in the online space</p> <p>The scientific monograph deals with a problem of international importance and at the same time is one of the outputs of the scientific research task "Methods of processing police-relevant information", therefore the author has taken the liberty to classify the output in the A+ category.</p>
VI.3 The most significant research/other outputs over the last six years (maximum of five)	
1.	<p>AFC HAJDÚKOVÁ, Tatiana Road traffic safety with focus on demographic structure of the population / aut. Tatiana Hajdúková. In: RELIK 2019 [electronic document] : the 12th international scientific conference : reproduction of human capital - mutual links and connections / zost. Jitka Langhamrová, zost. Tomáš Löster, zost. Jana Vrabcová Langhamrová, zost. Dana Zachariášová. - Praha : Oeconomica Publishing House, 2019. - ISBN 978-80-245-2329-3. - pp. 85-94. Full text: https://relik.vse.cz/insection/55 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>Changes accompanying demographic development in Europe are rarely put into consideration together with road traffic safety, hence the article addresses this issue. Following an assumption that the number of senior</p>

	<p>citizens will be continuously increasing, we deem it important to be aware of the consequences of changes in road traffic safety which are brought about by this demographic movement. The following article is aimed to draw a comparison between road traffic participants who were killed in a traffic car accident in 2016 in the European Union, the Czech Republic, and the Slovak Republic in terms of age of the participants, as well as how they were involved in the traffic accident.</p> <p>Scientific work is published in a journal indexed in an international professional database WOS. Moreover, it is one of the outcomes of scientific task "Methods of Processing Relevant Information". Therefore, the author put this research output in the A+ category.</p>
2.	<p>AFC HAJDÚKOVÁ, Tatiana, KURILOVSKÁ, Lucia Taking advantage of information and communication technologies for teaching and raising awareness in the fight against criminality during the COVID-19 pandemic / aut. Lucia Kurilovská, aut. Tatiana Hajdúková. In: INTED Proceedings 2021 [print, elektronický dokument] : 15th International Technology, Education and Development Conference / zost. Luis Gómez Chova, zost. Agustín López Martínez, zost. Ignacio Candel Torres. - Valencia : IATED, 2021. - ISBN 978-84-09-27666-0. - ISSN 2340-1079. - S. 2394-2402.</p> <p>[HAJDÚKOVÁ, Tatiana (50%) – KURILOVSKÁ, Lucia (50%)]</p> <p>The thesis discusses the introduction of new tools and presents the legislative measures adopted at EU level aimed at strengthening security in the online space.</p> <p>According to the segmentation of outputs, it is a contribution to the proceedings of a foreign scientific conference and at the same time it is one of the outputs of a scientific research task, which is why the author has taken the liberty to include this output in the category A.</p>
3.	<p>AFC HAJDÚKOVÁ, Tatiana Assessment of quality of education from the perspective of students of security and safety sciences [elektronický dokument] / aut. Tatiana Hajdúková. In: ICERI 2021 [elektronický dokument] : 14th annual International Conference of Education, Research and Innovation / zost. Chova L. Gómez, zost. Agustín López Martínez, zost. Ignacio Candel Torres. - Valencia : IATED, 2021. - ISBN 978-84-09-34549-6. - ISSN 2340-1095. - S. 7897-7903. Sign.: kópia [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>The thesis discusses the introduction of new tools for assessing the quality of education in universities in confrontation with students' opinions based on a questionnaire survey.</p> <p>According to the segmentation of outputs, it is a scientific work in a foreign peer-reviewed proceedings and at the same time it is one of the outputs of the scientific research task "Methods of processing police-relevant information", therefore the author has classified this output in category A.</p>
4.	<p>AEC HAJDÚKOVÁ, Tatiana Modelling correlative relationships between the road traffic accidents, road infrastructure, and road traffic density. / aut. Tatiana Hajdúková. In: Cyber security, Economic criminality, and safety management in relative dependence. [print] / aut. collections of authors, rec. Branislav Lacko, rec. Petr Hruža. - Praha : Police Academy of the Czech Republic, 2020. - ISBN 978-80-7251-505-9. - pp. 133-151. Sign.: F 20344 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>In this scientific work we researched dependence between road infrastructure and road traffic density, which are beside participants of road traffic the key factors which determine the overall traffic accident rate. The empirical part of this article is based on data provided by the Traffic Police of the Slovak Republic. Using this data we were able to analyze the whole dataset, without the uncertainty that is caused by choosing a subset of the whole dataset. Chosen parameters of the analysis represent universal factors of global importance, which greatly influence the traffic accident rate.</p> <p>This was published as a part of a scientific monography published by an international publisher, which has an objective importance on a european scale for road traffic safety. Moreover, this is one of the outcomes of the scientific task "Methods of Processing Relevant Information". Therefore, the author put this research output in the A+ category.</p>
5.	<p>AFC HAJDÚKOVÁ, Tatiana Analysis of the number of reported crimes with regard to severity on a regional basis in the Slovak Republic, 2010-2019 / aut. Tatiana Hajdúková. In: RELIK 2020 [elektronický dokument] : Reproduction of human capital - mutual links and connections : conference proceedings / zost. Jitka Langhamrová, zost. Jana Vrabcová. - Praha :</p>

	<p>Prague University of Economics and Business, 2020. - ISBN 978-80-245-2394-1. - pp. 97-109 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>The goal of this article is to give an overview of the development of criminality in the Slovak republic in the last 10 years, with an emphasis on the severity of the crime, which is defined by the criminal code. Throughout the article, we point out criminality over a period of 10 years and study each category of crimes on a regional basis. The results of this analysis can be further used to improve the effectiveness of trial proceedings by taking regional differences into account and therefore having the necessary data to efficiently split available manpower and resources. For instance, regional differences are extreme in district Bratislava 1, where criminality is considerably higher than in any other district in Slovakia.</p> <p>Scientific work is published in a journal indexed in an international professional database WOS. Moreover, it is one of the outcomes of scientific task "Effectivity of the pretrial - research, evaluation, criteria and influence of legislative changes". Therefore, the author put this research output in the A+ category.</p>
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VI.4 The most significant citations corresponding to the research/other outputs (maximum of five)

1.	<p>Methodology of Research [print] / aut. Tatiana Hajdúková, rec. Michal Greguš, rec. Miroslav Lisoň, rec. Jana Tkačíková. In: Application of scientific methods in real world police cases. - Bratislava : Academy of the Police Force in Bratislava, 2018. - ISBN 978-80-8054-766-0. - pp. 8-35. Sign.: F 19606, SF 1907 [1] KOPENCOVÁ, D., FELCAN, M., RAK, R. 2021. Equilibrium and Limit States in Technical and Social Disciplines as Part of Risk Analysis and Management. In Proceedings of 1st International Conference on Structural Damage Modelling and Assessment SDMA 2020, ISSN 2366-2565. Ghent : University Ghent, 2021, pp. 281-294. ISBN 978-981-15-9120-4. SCOPUS.</p>
2.	<p>Methodology of Research [print] / aut. Tatiana Hajdúková, rec. Michal Greguš, rec. Miroslav Lisoň, rec. Jana Tkačíková. In: Application of scientific methods in real world police cases. - Bratislava : Academy of the Police Force in Bratislava, 2018. - ISBN 978-80-8054-766-0. - pp. 8-35. Sign.: F 19606, SF 1907 [1] KOPENCOVÁ, D. . Czech Republic - secondary education with security focus. In <i>Proceedings of INTED 2020 Conference, 14th International Technology, Education and Technology and Development Conference, 2nd - 4th March, 2020, Valencia, Spain</i> . pp. 2477-2481. ISBN 978-84-09-17939-8. WOS.</p>
3.	<p>Analysis of payment discipline in the payment of insurance premiums to the Social Insurance Agency in the Slovak Republic / aut. Tatiana Hajdúková, aut. Lucia Kurilovská, aut. Edita Lukáčiková. In: The Poprad economic and management forum 2022 [elektronický dokument] : conference proceedings from international scientific conference 10th – 11th November 2022 Poprad, Slovak Republic / zost. Peter Madzík, zost. Masoud Askarnia. - Poprad : VERBUM - vydavateľstvo KU, 2022. - ISBN 978-80-561-0995-3. - S. 135-145. [1*] 2023. IVANČÍK, R., NEČAS, P. Security and defence are truly a priority for the member states of the European Union: fact of hoax?. In <i>Entrepreneurship and Sustainability Issues</i>, ISSN 2345-0282. 2023, roč. 10, č. 3, s. 74. WOS. Online <https://jssidoi.org/jesi/article/1054></p>
4.	<p>Taking advantage of information and communication technologies for teaching and raising awareness in the fight against criminality during the COVID-19 pandemic / aut. Lucia Kurilovská, aut. Tatiana Hajdúková. In: INTED Proceedings 2021 [print, elektronický dokument] : 15th International Technology, Education and Development Conference / zost. Luis Gómez Chova, zost. Agustín López Martínez, zost. Ignacio Candel Torres. - Valencia : IATED, 2021. - ISBN 978-84-09-27666-0. - ISSN 2340-1079. - S. 2394-2402. [1*] 2022. HUDECOVÁ, V. Crisis development and its management. In <i>Entrepreneurship and Sustainability Issues</i>, ISSN 2345-0282. Vilnius, 2022, roč. 9, č. 3, s. 425. WOS, SCOPUS.</p>
5.	<p>Fire units in Slovakia : analysis of outgoings / aut. Tatiana Hajdúková, aut. Jaroslav Marek, aut. Milan Marcinek. In: Aplimat 2019 [elektronický dokument] : 18th conference on Applied mathematics proceedings / zost. Dagmar Szarková, aut. Daniela Richtáriková, zost. Peter Letavaj, rec. Andrea Caranti, rec. Jan Chvalina. - Bratislava : Slovenská technická univerzita v Bratislave, 2019. - ISBN 978-80-227-4884-1. - S. 482-491. - SCOPUS. Sign.: kópia [1*] 2023. BALLAY, M., LEITNER, B., JAKUBOVIČOVÁ, L. Design and optimization of the training device for the employment of hydraulic rescue tools in traffic accidents. In <i>Processes</i>, ISSN 2227-9717. 2023, roč. 11, č. 1103, s. 2. WOS, SCOPUS. Online internete <https://doi.org/10.3390/pr11041103></p>

VI.4A The most significant citations corresponding to the research/other outputs over the last six years (maximum of five)

1.	<p>Methodology of Research [print] / aut. Tatiana Hajdúková, rec. Michal Greguš, rec. Miroslav Lisoň, rec. Jana Tkačíková. In: Application of scientific methods in real world police cases. - Bratislava : Academy of</p>
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	<p>the Police Force in Bratislava, 2018. - ISBN 978-80-8054-766-0. - pp. 8-35. Sign.: F 19606, SF 1907</p> <p>[1] KOPENCOVÁ, D., FELCAN, M., RAK, R. 2021. Equilibrium and Limit States in Technical and Social Disciplines as Part of Risk Analysis and Management. In Proceedings of 1st International Conference on Structural Damage Modelling and Assessment SDMA 2020, ISSN 2366-2565. Ghent : University Ghent, 2021, pp. 281-294. ISBN 978-981-15-9120-4. SCOPUS.</p>
2.	<p>Methodology of Research [print] / aut. Tatiana Hajdúková, rec. Michal Greguš, rec. Miroslav Lisoň, rec. Jana Tkačíková. In: Application of scientific methods in real world police cases. - Bratislava : Academy of the Police Force in Bratislava, 2018. - ISBN 978-80-8054-766-0. - pp. 8-35. Sign.: F 19606, SF 1907</p> <p>[1] KOPENCOVÁ, D. . Czech Republic - secondary education with security focus. In <i>Proceedings of INTED 2020 Conference, 14th International Technology, Education and Technology and Development Conference, 2nd - 4th March, 2020, Valencia, Spain</i> . pp. 2477-2481. ISBN 978-84-09-17939-8. WOS.</p>
3.	<p>Analysis of payment discipline in the payment of insurance premiums to the Social Insurance Agency in the Slovak Republic / aut. Tatiana Hajdúková, aut. Lucia Kurilovská, aut. Edita Lukáčiková. In: The Poprad economic and management forum 2022 [elektronický dokument] : conference proceedings from international scientific conference 10th – 11th November 2022 Poprad, Slovak Republic / zost. Peter Madzík, zost. Masoud Askarnia. - Poprad : VERBUM - vydavateľstvo KU, 2022. - ISBN 978-80-561-0995-3. - S. 135-145.</p> <p>[1*] 2023. IVANČÍK, R., NEČAS, P. Security and defence are truly a priority for the member states of the European Union: fact of hoax?. In <i>Entrepreneurship and Sustainability Issues</i>, ISSN 2345-0282. 2023, roč. 10, č. 3, s. 74. WOS. Online <https://jssidoi.org/jesi/article/1054></p>
4.	<p>Taking advantage of information and communication technologies for teaching and raising awareness in the fight against criminality during the COVID-19 pandemic / aut. Lucia Kurilovská, aut. Tatiana Hajdúková. In: <i>INTED Proceedings 2021</i> [print, elektronický dokument] : 15th International Technology, Education and Development Conference / zost. Luis Gómez Chova, zost. Agustín López Martínez, zost. Ignacio Candel Torres. - Valencia : IATED, 2021. - ISBN 978-84-09-27666-0. - ISSN 2340-1079. - S. 2394-2402.</p> <p>[1*] 2022. HUDECOVÁ, V. Crisis development and its management. In <i>Entrepreneurship and Sustainability Issues</i>, ISSN 2345-0282. Vilnius, 2022, roč. 9, č. 3, s. 425. WOS, SCOPUS.</p>
5.	<p>Fire units in Slovakia : analysis of outgoings / aut. Tatiana Hajdúková, aut. Jaroslav Marek, aut. Milan Marcinek. In: <i>Aplimat 2019</i> [elektronický dokument] : 18th conference on Applied mathematics proceedings / zost. Dagmar Szarková, aut. Daniela Richtáriková, zost. Peter Letavaj, rec. Andrea Caranti, rec. Jan Chvalina. - Bratislava : Slovenská technická univerzita v Bratislave, 2019. - ISBN 978-80-227-4884-1. - S. 482-491. - SCOPUS. Sign.: kópia</p> <p>[1*] 2023. BALLAY, M., LEITNER, B., JAKUBOVIČOVÁ, L. Design and optimization of the training device for the employment of hydraulic rescue tools in traffic accidents. In <i>Processes</i>, ISSN 2227-9717. 2023, roč. 11, č. 1103, s. 2. WOS, SCOPUS. Online internete <https://doi.org/10.3390/pr11041103></p>
<p>VI.5 Participation in conducting (leading) the most important research projects over the last six years (maximum of five)</p>	
1.	<p>"Methods of Processing Information Relevant for Police" (scientific task), APZ, 2010-present, responsible participant of the scientific task, VYSK 161</p> <p>Scientific Task. / Lead contributor. Ľudmila Gregušová, Tatiana Hajdúková, contributor, Josef Požár, cont., Eberhard Kühne, cont., Jozef Haládik, cont., Jan Váňa, cont., Peter Bednár, cont., Roman Russev, cont., Igor Pavlovič, cont., Karol Depta, cont., Ivan Fořt, cont., Marek Čandík. - 1. print. - Bratislava: Academy of the Police Force in Bratislava – D. of Management and Informatics, 2010. - 19 l. : 11 l. attachment.</p> <p>The main goal of this scientific task is to analyze the current state of working with information relevant for the police, with focus on the police information systems including safety of processed information. Achieved outcomes are used for innovation and further development of teaching informatics and related subjects in all studies at the academy.</p> <p>The most important results</p> <p>ADF 3 HAJDÚKOVÁ, Tatiana - KUČTOVÁ, Jana Using information technologies as a means of fighting the Covid-19 pandemic. / aut. Tatiana Hajdúková, aut. Jana Kuchtová. In: <i>Police Theory and Practice</i> [print]: magazine of the Academy of the Police Force in Bratislava. - ISSN 1335-1370. - Vol. 28, No. 3 (2020), pp. 5-26. [HAJDÚKOVÁ, Tatiana (50%) - KUČTOVÁ, Jana (50%)]</p> <p>ADF 4 PEŤOVSKÝ, Marián - HAJDÚKOVÁ, Tatiana - ZEMEŠ, Ľubomír</p>

	<p>Gun shooting training in training of students at the Academy of the Police Force in Bratislava / aut. Marián Peťovský, aut. Tatiana Hajdúková, aut. Ľubomír Zemeš. In: Police Theory and Practice [print]: magazine of the Academy of the Police Force in Bratislava. - ISSN 1335-1370. - Vol. 27, No. 3 (2019), pp. 41-61. [PEŤOVSKÝ, Marián (45%) - HAJDÚKOVÁ, Tatiana (45%) - ZEMEŠ, Ľubomír (10%)] HAJDÚKOVÁ, Tatiana</p> <p>Modelling correlative relationships between the road traffic accidents, road infrastructure, and road traffic density. / aut. Tatiana Hajdúková. In: Cyber security, Economic criminality, and safety management in relative dependence [print] / aut. collective of authors, rew. Branislav Lacko, rew. Petr Hruža. - Prague : Police Academy of the Czech Republic, 2020. - ISBN 978-80-7251-505-9. - S. 133-151. Sign.: F 20344 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>AEC 4 HAJDÚKOVÁ, Tatiana</p> <p>Improving Road Safety and Eliminating Consequences of Traffic Accidents in the European Union : Part VII / aut. Tatiana Hajdúková, rec. Miroslav Lisoň, rec. Krystyna Lisiecka, rec. Izabela Nowicka. In: Selected Social and Political Aspects of Internal Security / zost. Jacek Dworzecki. - New York : Iglobal Writer Inc., Pro Pomerania Foundation Poland, 2015. - ISBN 978-83-63680-80-0. - S. 123-134. Sign.: F 18540 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>The most important citations</p> <p>Using information technologies as a means of fighting the Covid-19 pandemic. / aut. Tatiana Hajdúková, aut. Jana Kuchtová. In: Police Theory and Practice [print]: magazine of the Academy of the Police Force in Bratislava. - ISSN 1335-1370. - Vol. 28, No. 3 (2020), pp. 5-26. [4] KRÁSNÁ, P. 2020. Laws concerning victims of a crime - Legislative change, which strenghtened the position of crime victims in the pretrials. In <i>Effectivity of pretrials - research, challenges and perspectives</i>. 1. ed. Bratislava : Faculty of Law UK, 2020, p. 69. ISBN 978-80-7160-577-5. Available at: <https://www.flaw.uniba.sk/fileadmin/praf/Veda/Zborniky/2021-1-12-Zborni_k-z-medzina_rodnej-vedeckej-konferencie-APVV_01.pdf></p> <p>Gun shooting training in training of students at the Academy of the Police Force in Bratislava / aut. Marián Peťovský, aut. Tatiana Hajdúková, aut. Ľubomír Zemeš. In: Police Theory and Practice [print]: magazine of the Academy of the Police Force in Bratislava. - ISSN 1335-1370. - Vol. 27, No. 3 (2019), pp. 41-61. [4] ODLEROVÁ, M. 2021. Gun shooting training of members of the police force. In <i>Weapons nondeadly and gun as coercive tactic of the police</i> 1. ed. Bratislava : Academy of the Police Force in Bratislava, 2021, p. 123. ISBN 978-80-8054-880-3.</p> <p>Modelling correlative relationships between the road traffic accidents, road infrastructure, and road traffic density. / aut. Tatiana Hajdúková. In: Cyber security, Economic criminality, and safety management in relative dependence [print] / aut. collective of authors, rew. Branislav Lacko, rew. Petr Hruža. - Prague : Police Academy of the Czech Republic, 2020. - ISBN 978-80-7251-505-9. - S. 133-151. Sign.: F 2034 [3] FELCAN, M. 2021. <i>Theoretical application aspects of road traffic management</i>. České Budějovice : University of European and Regional Studies. 2021, p. 208. ISBN 978-80-7556-089-6.</p> <p>Improving Road Safety and Eliminating Consequences of Traffic Accidents in the European Union : Part VII / aut. Tatiana Hajdúková, rec. Miroslav Lisoň, rec. Krystyna Lisiecka, rec. Izabela Nowicka. In: Selected Social and Political Aspects of Internal Security / zost. Jacek Dworzecki. - New York : Iglobal Writer Inc., Pro Pomerania Foundation Poland, 2015. - ISBN 978-83-63680-80-0. - S. 123-134. Sign.: F 18540 [4] MARCINEK, M. 2018. Readiness and the ability to carry out action of the fire forces for traffic accidents in the Slovak Republic. In <i>Scientific research of chosen areas of security in practice, and its influence in creating content curriculum for study programme Security Public Administration. : Journal from international scientific conference, which is a part of outcome of the integrated scientific task APF in Bratislava</i>. Bratislava : Academy of the Police Force in Bratislava, 2018, p. 160. [3] FELCAN, M. 2021. <i>Theoretical application aspects of traffic management</i>. České Budějovice : University of European and Regional Studies, 2021, s. 209. ISBN 978-80-7556-089-6.</p>
2.	<p>"Analysis of results in the program SPSS" (solved as a part of the scientific task "Analysis of using pilotless vehicles in chosen areas of the police force" APF, 2016-2017, international, responsible contributor to the</p>

	<p>partial task, VYSK 234</p> <p>The goal of the scientific task was to map out possible options and design use cases for using pilotless vehicles in chosen areas of the police force. Analyze particular uses and further look into required technical parameters given by technical practice.</p> <p>The most important results</p> <p>AGI3 TALLO, Anton - ODLER, Róbert - LÖFFLER, Boris - NOCIAR, Ján - IGENYES, Ladislav - BOHRNOVÁ, Mária - HAJDÚKOVÁ, Tatiana - HOLUBICZKY, Vincent - TUREČEK, Jaroslav - JONÁK, Jiří - NOVOTNÝ, Tomáš</p> <p>Analysis of using pilotless vehicles in chosen area of the police force : final report of the international scientific task / aut. Anton Tallo, aut. Róbert Odler, aut. Boris Löffler, aut. Ján Nociar, aut. Ladislav Igenyes, aut. Mária Bohrnová, aut. Tatiana Hajdúková, aut. Vincent Holubiczky, aut. Jaroslav Tureček, aut. Jiří Jonák, aut. Tomáš Novotný, rew. Jozef Stieranka, rew. Miroslav Felcan, recw Marián Peťovský. - Bratislava : Academy of the Police Force in Bratislava, 2017. - 322 p. - Additional materials: tables, graphs, documentation. Sign.: Výsk. 234</p> <p>[TALLO, Anton (15%) - ODLER, Róbert (10%) - LÖFFLER, Boris (10%) - NOCIAR, Ján (10%) - IGENYES, Ladislav (10%) - BOHRNOVÁ, Mária (9%) - HAJDÚKOVÁ, Tatiana (15%) - HOLUBICZKY, Vincent (6%) - TUREČEK, Jaroslav (5%) - JONÁK, Jiří (5%) - NOVOTNÝ</p> <p>[ABD 4 HAJDÚKOVÁ, Tatiana</p> <p>Comparison of formalized questioning between chosen services. PZ : 13. chapter / aut. Tatiana Hajdúková, rec. Roman Rak, rew. Jozef Stieranka, rew. Miroslav Felcan. In: Pilotless vehicles in chosen services of the police force. [print]. - Bratislava : Academy of the Police Force in Bratislava, 2018. - ISBN 978-80-8054-758-5. - pp. 282-309. Sign.: F 19579, SF 1903 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>The most important citations</p> <p>Analysis of using pilotless vehicles in chosen area of the police force : final report of the international scientific task / aut. Anton Tallo, aut. Róbert Odler, aut. Boris Löffler, aut. Ján Nociar, aut. Ladislav Igenyes, aut. Mária Bohrnová, aut. Tatiana Hajdúková, aut. Vincent Holubiczky, aut. Jaroslav Tureček, aut. Jiří Jonák, aut. Tomáš Novotný, rew. Jozef Stieranka, rew. Miroslav Felcan, recw Marián Peťovský. - Bratislava : Academy of the Police Force in Bratislava, 2017. - 322 p. - Additional materials: tables, graphs, documentation. Sign.: Výsk. 234</p> <p>[3] HOLUBICZKY, V., LÖFFLER, B. 2018. Safety technologies of the emergency police force, specific part of the service of local police, analysis of the current state – prognosis of future development. In <i>Bezpečnostní sbory.cz</i>, ISSN 1803-6856. 2018, č. 1, s. 16. Available at: http://bezpecnostni-sbory.wbs.cz/clanky/1-2018/bezpecnostne-technologie-pohotovostneho-policajneho-utvaru-specifickzej-zlozky-sluzby-poriadkovej-policie-analyza-sucasneho-stavu-prognoza-dalsieho-vyvoja.pdf</p> <p>[4] LISOŇ, M., VAŠKO, A., HULLOVÁ, M., RAPČAN, J., MARKO, M. 2018. Theory of criminal police knowledge : <i>university coursebook</i> . 1. vyd. Bratislava : Wolters Kluwer SR, 2018, s. 292.</p> <p>[3] PORADA, V., BARTOŠOVÁ, H., BRABEC, F., BRUNA, E., BRUNOVÁ, M., BUZALKA, J., HOFREITER, L., HOLCR, K., HOLOMEK, J., JURČÁK, V., KAMENÍK, J., KLIMEK, L., LISOŇ, M., PAWERA, R., REITŠPÍS, J., RAK, R., SAK, P., SMEJKAL, V., VAŠKO, A., VAVERA, F., VESELÝ, P., VICENÍK, J., ZOUBEK, V. 2019. Security Sciences. Plzeň : Vydavatelství a nakladatelství Aleš Čeněk, s.r.o., 2019, s. 755. ISBN 978-80-7380-758-0.</p> <p>[4] VARHOL', D. 2019. Activities of private security services and the police force in protecting public order, with focus on possible use of pilotless vehicles. In Trends in development of private security in the countries of V4. : <i>journal of scientific studies and expert articles</i>. Bratislava : Academy of the Police Force in Bratislava, 2019, p. 47. ISBN 978-80-8054-821-6.</p> <p>[4] VARHOL', D. 2019. Development of aviation throughout the history of Czechoslovakia – in the track of M. R. Stefanik, law, and security : <i>journal of articles from international university scientific conference</i> . 1. ed. Bratislava : Academy of the Police Force in Bratislava, 2019, p. 507. ISBN 978-80-8054-839-1.</p>
3.	<p>“Comparison of using coercive tools in chosen countries” (partial task solved as a part of the scientific task “Analysis of using coercive tools in chosen services of the police force”, APF, 2019-2020, international, responsible contributor of the partial task, VYSK 249</p> <p>The goal of the scientific task was to identify new aspects of using existing technologies from security practice, with focus on non-lethal technologies as well as documentative technologies. Moreover, to evaluate changes in the development and do inter-country comparison. Furthermore, in case it is needed, design partial improvements in for non-lethal weapons, for their legal procedures and use.</p>

	<p>The most important results:</p> <p>AGI 1 TUREČEK, Jaroslav - NOVOTNÝ, Tomáš - RADOSTA, Marek - HRINKO, Martin - ODLEROVÁ, Miriam - PEŤOVSKÝ, Marián - HAJDÚKOVÁ, Tatiana Analysis of using coercive tools in chosen services of the police force [print] : final report of the international scientific task / aut. Jaroslav Tureček, aut. Tomáš Novotný, aut. Marek Radosta, aut. Martin Hrinko, aut. Miriam Odlerová, aut. Marián Peťovský, aut. Tatiana Hajdúková, rew. Anton Tallo, rew. Roman Rak, rew. Luboš Rumanovský. - 1. ed. - Bratislava : Academy of the Police Force in Bratislava, 2020. - 217 s. Sign.: Výsk. 249 [TUREČEK, Jaroslav (16%) - NOVOTNÝ, Tomáš (14%) - RADOSTA, Marek (14%) - HRINKO, Martin (14%) - ODLEROVÁ, Miriam (14%) - PEŤOVSKÝ, Marián (14%) - HAJDÚKOVÁ, Tatiana (14%)]=</p> <p>ABD TUREČEK, Jaroslav - Martin - ODLEROVÁ, Miriam - HAJDÚKOVÁ, Tatiana Non-lethal and firearms used as coercive tools by the police forceZ [print, electronic document] / rew. Jiří Straus, rew. Anton Tallo, rew. Boris Löffler. - Bratislava : Academy of the Police Force in Bratislava, 2021. - ISBN 978-80-8054-880-3. - ISBN 978-80-8054-881-0. - pp. 281-299 Sign.: F 20456, SF 1952, E-Book 120</p>
4.	<p>Effectivity of pretrials – research, evaluation, criteria and influence of legislative changes” APF is co-contributor together with the applicant Faculty of Law, Comenius University in Bratislava, 2019 – 2024, contributor, APVV-19 0102</p> <p>The goal of this scientific research is to evaluate recodification of criminal proceedings from 2005 and its effectivity since it first came into effect up until present. Moreover, to establish and devise application recommendations for the final receiver, as well as actions to put into practice in terms of changing and designing criminal law. For this to succeed, it is needed to identify external factors that have relevant influence on effectivity of criminal proceedings.</p> <p>The most important results:</p> <p>AFD 3 KURILOVSKÁ, Lucia - HAJDÚKOVÁ, Tatiana Evaluating the effectivity of pretrials with focus on clear-up rate, as well as regional disparities in the Slovak Republic. [electronic document] / aut. Lucia Kurilovská, aut. Tatiana Hajdúková. In: Effectivity of pretrials – research, challenges, and perspectives [electronic document] / appl. [no applicant], rew. Margita Prokeinová, rew. Jozef Medelský. - Bratislava : Faculty of law UK, 2020. - ISBN 978-80-7160-577-5. - S. 74-84. Full text: https://www.flaw.uniba.sk/fileadmin/praf/Veda/Zborniky/2021-1-12-Zborni_k-z-medzina_rodnej-vedeckej-konferencie-APVV_01.pdf [KURILOVSKÁ, Lucia (50%) - HAJDÚKOVÁ, Tatiana (50%)]</p> <p>AFC 3 KURILOVSKÁ, Lucia - HAJDÚKOVÁ, Tatiana Taking advantage of information and communication technologies for teaching and raising awareness in the fight against criminality during the COVID-19 pandemic / aut. Lucia Kurilovská, aut. Tatiana Hajdúková. In: INTED Proceedings 2021 [print, elektronický dokument] : 15th International Technology, Education and Development Conference / zost. Luis Gómez Chova, zost. Agustín López Martínez, zost. Ignacio Candel Torres. - Valencia : IATED, 2021. - ISBN 978-84-09-27666-0. - ISSN 2340-1079. - S. 2394-2402. [KURILOVSKÁ, Lucia (50%) - HAJDÚKOVÁ, Tatiana (50%)]</p> <p>AFC 1 HAJDÚKOVÁ, Tatiana - ŠIŠULÁK, Stanislav Children in roles of both in aggressors and victims in cyberspace / aut. Tatiana Hajdúková, aut. Stanislav Šišulák. In: INTED Proceedings 2021 [print, electronic document] : 15th International Technology, Education and Development Conference / zost. Luis Gómez Chova, zost. Agustín López Martínez, zost. Ignacio Candel Torres. - Valencia : IATED, 2021. - ISBN 978-84-09-27666-0. - ISSN 2340-1079. - S. 3327-3335. [HAJDÚKOVÁ, Tatiana (50%) - ŠIŠULÁK, Stanislav (50%)]</p> <p>ADF 1 HAJDÚKOVÁ, Tatiana - KOVÁCS, Tibor Quantitative analysis of difficulty of pretrials in terms of duration, with focus on extremely serious crimes in the Slovak Republic. / aut. Tatiana Hajdúková, aut. Tibor Kovács. In: Police Theory and Practice [print].. magazine of the Academy of the Police Force in Bratislava - ISSN 1335-1370. – Vol. 29, No. 2, pp. 3-18. [HAJDÚKOVÁ, Tatiana (50%) - KOVÁCS, Tibor (50%)]</p>
5	<p>National project "Increasing Slovakia's resilience to hybrid threats by strengthening public administration capacities", project code ITMS2014+: 314011CDW7. This project was supported by the European Social</p>

	<p>Fund.</p> <p>AFD HAJDÚKOVÁ, Tatiana - BINDAS, Bystrík Opportunities for influencing public opinion in the online space during an election campaign / aut. Tatiana Hajdúková, aut. Bystrík Bindas, rec. Pavel Nečas, rec. Václav Friedrich. In: Bezpečnosť elektronickej komunikácie 2023 [elektronický dokument] : zborník príspevkov z vedeckej konferencie s medzinárodnou účasťou / zost. Jana Zachar Kuchtová, rec. Pavel Nečas, rec. Václav Friedrich, rec. Tatiana Hajdúková. - Bratislava : Akadémia Policajného zboru v Bratislave, 2023. - ISBN 978-80-8054-997-8. - S. 31-44. Sign.: E-Book 177 [HAJDÚKOVÁ, Tatiana (80%) - BINDAS, Bystrík (20%)]</p> <p>AFD BINDAS, Bystrík - HAJDÚKOVÁ, Tatiana Teaching and understanding of HOAX issues among 1st year 4-year students at FIIT STU / aut. Bystrík Bindas, aut. Tatiana Hajdúková, rec. Pavel Nečas, rec. Václav Friedrich. In: Bezpečnosť elektronickej komunikácie 2023 [elektronický dokument] : zborník príspevkov z vedeckej konferencie s medzinárodnou účasťou / zost. Jana Zachar Kuchtová, rec. Pavel Nečas, rec. Václav Friedrich, rec. Tatiana Hajdúková. - Bratislava : Akadémia Policajného zboru v Bratislave, 2023. - ISBN 978-80-8054-997-8. - S. 12-22. Sign.: E-Book 177 [BINDAS, Bystrík (80%) - HAJDÚKOVÁ, Tatiana (20%)]</p>
<p>VI.6 Participation in conducting (leading) the most important research projects (maximum of five)</p>	
<p>1.</p>	<p>"Methods of Processing Information Relevant for Police" (scientific task), APZ, 2010-present, responsible participant of the scientific task, VYSK 161</p> <p>Scientific Task. / Lead contributor. Ľudmila Gregušová, Tatiana Hajdúková, contributor, Josef Požár, cont., Eberhard Kühne, cont., Jozef Haládik, cont., Jan Váňa, cont., Peter Bednár, cont., Roman Russev, cont., Igor Pavlovič, cont., Karol Depta, cont., Ivan Fořt, cont., Marek Čandík. - 1. print. - Bratislava: Academy of the Police Force in Bratislava – D. of Management and Informatics, 2010. - 19 l. : 11 l. attachment.</p> <p>The main goal of this scientific task is to analyze the current state of working with information relevant for the police, with focus on the police information systems including safety of processed information. Achieved outcomes are used for innovation and further development of teaching informatics and related subjects in all studies at the academy.</p> <p>The most important results</p> <p>ADF 3 HAJDÚKOVÁ, Tatiana - KUČTOVÁ, Jana Using information technologies as a means of fighting the Covid-19 pandemic. / aut. Tatiana Hajdúková, aut. Jana Kuchtová. In: Police Theory and Practice [print]: magazine of the Academy of the Police Force in Bratislava. - ISSN 1335-1370. - Vol. 28, No. 3 (2020), pp. 5-26. [HAJDÚKOVÁ, Tatiana (50%) - KUČTOVÁ, Jana (50%)]</p> <p>ADF 4 PEŤOVSKÝ, Marián - HAJDÚKOVÁ, Tatiana - ZEMEŠ, Ľubomír Gun shooting training in training of students at the Academy of the Police Force in Bratislava / aut. Marián Peťovský, aut. Tatiana Hajdúková, aut. Ľubomír Zemeš. In: Police Theory and Practice [print]: magazine of the Academy of the Police Force in Bratislava. - ISSN 1335-1370. - Vol. 27, No. 3 (2019), pp. 41-61. [PEŤOVSKÝ, Marián (45%) - HAJDÚKOVÁ, Tatiana (45%) - ZEMEŠ, Ľubomír (10%)]</p> <p>AEC 1 HAJDÚKOVÁ, Tatiana Modelling correlative relationships between the road traffic accidents, road infrastructure, and road traffic density. / aut. Tatiana Hajdúková. In: Cyber security, Economic criminality, and safety management in relative dependence [print] / aut. collective of authors, rew. Branislav Lacko, rew. Petr Hrůza. - Prague : Police Academy of the Czech Republic, 2020. - ISBN 978-80-7251-505-9. - S. 133-151. Sign.: F 20344 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>AEC 4 HAJDÚKOVÁ, Tatiana Improving Road Safety and Eliminating Consequences of Traffic Accidents in the European Union : Part VII / aut. Tatiana Hajdúková, rec. Miroslav Lisoň, rec. Krystyna Lisiecka, rec. Izabela Nowicka. In: Selected Social and Political Aspects of Internal Security / zost. Jacek Dworzecki. - New York : Iglobal Writer Inc., Pro Pomerania Foundation Poland, 2015. - ISBN 978-83-63680-80-0. - S. 123-134. Sign.: F 18540 [HAJDÚKOVÁ, Tatiana (100%)]</p>

	<p>The most important citations</p> <p>Using information technologies as a means of fighting the Covid-19 pandemic. / aut. Tatiana Hajdúková, aut. Jana Kuchtová. In: Police Theory and Practice [print]: magazine of the Academy of the Police Force in Bratislava. - ISSN 1335-1370. - Vol. 28, No. 3 (2020), pp. 5-26. [4] KRÁSNÁ, P. 2020. Laws concerning victims of a crime - Legislative change, which strengthened the position of crime victims in the pretrials. In <i>Effectivity of pretrials - research, challenges and perspectives</i>. 1. ed. Bratislava : Faculty of Law UK, 2020, p. 69. ISBN 978-80-7160-577-5. Available at: <https://www.flaw.uniba.sk/fileadmin/praf/Veda/Zborniky/2021-1-12-Zborni_k-z-medzina_rodnej-vedeckej-konferencie-APVV_01.pdf></p> <p>Gun shooting training in training of students at the Academy of the Police Force in Bratislava / aut. Marián Peťovský, aut. Tatiana Hajdúková, aut. Ľubomír Zemeš. In: Police Theory and Practice [print]: magazine of the Academy of the Police Force in Bratislava. - ISSN 1335-1370. - Vol. 27, No. 3 (2019), pp. 41-61. [4] ODLEROVÁ, M. 2021. Gun shooting training of members of the police force. In <i>Weapons nondeadly and gun as coercive tactic of the police</i> 1. ed. Bratislava : Academy of the Police Force in Bratislava, 2021, p. 123. ISBN 978-80-8054-880-3.</p> <p>Modelling correlative relationships between the road traffic accidents, road infrastructure, and road traffic density. / aut. Tatiana Hajdúková. In: Cyber security, Economic criminality, and safety management in relative dependence [print] / aut. collective of authors, rew. Branislav Lacko, rew. Petr Hruža. - Prague : Police Academy of the Czech Republic, 2020. - ISBN 978-80-7251-505-9. - S. 133-151. Sign.: F 2034 [3] FELCAN, M. 2021. <i>Theoretical application aspects of road traffic management</i>. České Budějovice : University of European and Regional Studies. 2021, p. 208. ISBN 978-80-7556-089-6.</p> <p>Improving Road Safety and Eliminating Consequences of Traffic Accidents in the European Union : Part VII / aut. Tatiana Hajdúková, rec. Miroslav Lisoň, rec. Krystyna Lisiecka, rec. Izabela Nowicka. In: <i>Selected Social and Political Aspects of Internal Security</i> / zost. Jacek Dworzecki. - New York : Iglobal Writer Inc., Pro Pomerania Foundation Poland, 2015. - ISBN 978-83-63680-80-0. - S. 123-134. Sign.: F 18540 [4] MARCINEK, M. 2018. Readiness and the ability to carry out action of the fire forces for traffic accidents in the Slovak Republic. In <i>Scientific research of chosen areas of security in practice, and its influence in creating content curriculum for study programme Security Public Administration. : Journal from international scientific conference, which is a part of outcome of the integrated scientific task APF in Bratislava</i>. Bratislava : Academy of the Police Force in Bratislava, 2018, p. 160. [3] FELCAN, M. 2021. <i>Theoretical application aspects of traffic management</i>. České Budějovice : University of European and Regional Studies, 2021, s. 209. ISBN 978-80-7556-089-6.</p>
2.	<p>"Analysis of results in the program SPSS" (solved as a part of the scientific task "Analysis of using pilotless vehicles in chosen areas of the police force" APF, 2016-2017, international, responsible contributor to the partial task, VYSK 234</p> <p>The goal of the scientific task was to map out possible options and design use cases for using pilotless vehicles in chosen areas of the police force. Analyze particular uses and further look into required technical parameters given by technical practice.</p> <p>The most important results</p> <p>AGI3 TALLO, Anton - ODLER, Róbert - LÖFFLER, Boris - NOCIAR, Ján - IGENYES, Ladislav - BOHRNOVÁ, Mária - HAJDÚKOVÁ, Tatiana - HOLUBICZKY, Vincent - TUREČEK, Jaroslav - JONÁK, Jiří - NOVOTNÝ, Tomáš</p> <p>Analysis of using pilotless vehicles in chosen area of the police force : final report of the international scientific task / aut. Anton Tallo, aut. Róbert Odler, aut. Boris Löffler, aut. Ján Nociar, aut. Ladislav Igenyes, aut. Mária Bohrnová, aut. Tatiana Hajdúková, aut. Vincent Holubiczky, aut. Jaroslav Tureček, aut. Jiří Jonák, aut. Tomáš Novotný, rew. Jozef Stieranka, rew. Miroslav Felcan, recw Marián Peťovský. - Bratislava : Academy of the Police Force in Bratislava, 2017. - 322 p. - Additional materials: tables, graphs, documentation. Sign.: Výsk. 234 [TALLO, Anton (15%) - ODLER, Róbert (10%) - LÖFFLER, Boris (10%) - NOCIAR, Ján (10%) - IGENYES, Ladislav (10%) - BOHRNOVÁ, Mária (9%) - HAJDÚKOVÁ, Tatiana (15%) - HOLUBICZKY, Vincent (6%) - TUREČEK, Jaroslav (5%) - JONÁK, Jiří (5%) - NOVOTNÝ</p> <p>[ABD 4 HAJDÚKOVÁ, Tatiana</p> <p>Comparison of formalized questioning between chosen services. PZ : 13. chapter / aut. Tatiana</p>

	<p>Hajdúková, rec. Roman Rak, rew. Jozef Stieranka, rew. Miroslav Felcan. In: Pilotless vehicles in chosen services of the police force. [print]. - Bratislava : Academy of the Police Force in Bratislava, 2018. - ISBN 978-80-8054-758-5. - pp. 282-309. Sign.: F 19579, SF 1903 [HAJDÚKOVÁ, Tatiana (100%)]</p> <p>The most important citations</p> <p>Analysis of using pilotless vehicles in chosen area of the police force : final report of the international scientific task / aut. Anton Tallo, aut. Róbert Odler, aut. Boris Löffler, aut. Ján Nociar, aut. Ladislav Igenyes, aut. Mária Bohrnová, aut. Tatiana Hajdúková, aut. Vincent Holubiczky, aut. Jaroslav Tureček, aut. Jiří Jonák, aut. Tomáš Novotný, rew. Jozef Stieranka, rew. Miroslav Felcan, recw Marián Peťovský. - Bratislava : Academy of the Police Force in Bratislava, 2017. - 322 p. - Additional materials: tables, graphs, documentation. Sign.: Výsk. 234</p> <p>[3] HOLUBICZKY, V., LÖFFLER, B. 2018. Safety technologies of the emergency police force, specific part of the service of local police, analysis of the current state – prognosis of future development. In <i>Bezpečnostní sbory.cz</i>, ISSN 1803-6856. 2018, č. 1, s. 16. Available at: http://bezpecnostni-sbory.wbs.cz/clanky/1-2018/bezpecnostne-technologie-pohotovostneho-policialneho-utvaru-specifickrej-zlozky-sluzby-poriadkovej-policie-analyza-sucasneho-stavu-prognoza-dalsieho-vyvoja.pdf</p> <p>[4] LISOŇ, M., VAŠKO, A., HULLOVÁ, M., RAPČAN, J., MARKO, M. 2018. Theory of criminal police knowledge : <i>university coursebook</i> . 1. vyd. Bratislava : Wolters Kluwer SR, 2018, s. 292.</p> <p>[3] PORADA, V., BARTOŠOVÁ, H., BRABEC, F., BRUNA, E., BRUNOVÁ, M., BUZALKA, J., HOFREITER, L., HOLCR, K., HOLOMEK, J., JURČÁK, V., KAMENÍK, J., KLIMEK, L., LISOŇ, M., PAWERA, R., REITŠPÍS, J., RAK, R., SAK, P., SMEJKAL, V., VAŠKO, A., VAVERA, F., VESELÝ, P., VICENÍK, J., ZOUBEK, V. 2019. Security Sciences. Plzeň : Vydavatelství a nakladatelství Aleš Čeněk, s.r.o., 2019, s. 755. ISBN 978-80-7380-758-0.</p> <p>[4] VARHOLĎ, D. 2019. Activities of private security services and the police force in protecting public order, with focus on possible use of pilotless vehicles. In Trends in development of private security in the countries of V4. : <i>journal of scientific studies and expert articles</i>. Bratislava : Academy of the Police Force in Bratislava, 2019, p. 47. ISBN 978-80-8054-821-6.</p> <p>[4] VARHOLĎ, D. 2019. Development of aviation throughout the history of Czechoslovakia – in the track of M. R. Stefanik, law, and security : <i>journal of articles from international university scientific conference</i> . 1. ed. Bratislava : Academy of the Police Force in Bratislava, 2019, p. 507. ISBN 978-80-8054-839-1.</p>
3.	<p>“Comparison of using coercive tools in chosen countries” (partial task solved as a part of the scientific task “Analysis of using coercive tools in chosen services of the police force”, APF, 2019-2020, international, responsible contributor of the partial task, VYSK 249</p> <p>The goal of the scientific task was to identify new aspects of using existing technologies from security practice, with focus on non-lethal technologies as well as documentative technologies. Moreover, to evaluate changes in the development and do inter-country comparison. Furthermore, in case it is needed, design partial improvements in for non-lethal weapons, for their legal procedures and use.</p> <p>The most important results:</p> <p>AGI 1 TUREČEK, Jaroslav - NOVOTNÝ, Tomáš - RADOSTA, Marek - HRINKO, Martin - ODLEROVÁ, Miriam - PEŤOVSKÝ, Marián - HAJDÚKOVÁ, Tatiana Analysis of using coercive tools in chosen services of the police force [print] : final report of the international scientific task / aut. Jaroslav Tureček, aut. Tomáš Novotný, aut. Marek Radosta, aut. Martin Hrinko, aut. Miriam Odlerová, aut. Marián Peťovský, aut. Tatiana Hajdúková, rew. Anton Tallo, rew. Roman Rak, rew. Luboš Rumanovský. - 1. ed. - Bratislava : Academy of the Police Force in Bratislava, 2020. - 217 s. Sign.: Výsk. 249 [TUREČEK, Jaroslav (16%) - NOVOTNÝ, Tomáš (14%) - RADOSTA, Marek (14%) - HRINKO, Martin (14%) - ODLEROVÁ, Miriam (14%) - PEŤOVSKÝ, Marián (14%) - HAJDÚKOVÁ, Tatiana (14%)]=</p> <p>ABD TUREČEK, Jaroslav - Martin - ODLEROVÁ, Miriam - HAJDÚKOVÁ, Tatiana Non-lethal and fireguns used as coercive tools by the police forceZ [print, electronic document] / rew. Jiří Straus, rew. Anton Tallo, rew. Boris Löffler. - Bratislava : Academy of the Police Force in Bratislava, 2021. - ISBN 978-80-8054-880-3. - ISBN 978-80-8054-881-0. - pp. 281-299 Sign.: F 20456, SF 1952, E-Book 120</p>
4.	<p>Effectivity of pretrials – research, evaluation, criteria and influence of legislative changes” APF is co-contributor together with the applicant Faculty of Law, Comenius University in Bratislava, 2019 – 2024,</p>

	<p>contributor, APVV-19 0102</p> <p>The goal of this scientific research is to evaluate recodification of criminal proceedings from 2005 and its effectivity since it first came into effect up until present. Moreover, to establish and devise application recommendations for the final receiver, as well as actions to put into practice in terms of changing and designing criminal law. For this to succeed, it is needed to identify external factors that have relevant influence on effectivity of criminal proceedings.</p> <p>The most important results:</p> <p>AFD 3 KURILOVSKÁ, Lucia - HAJDÚKOVÁ, Tatiana Evaluating the effectivity of pretrials with focus on clear-up rate, as well as regional disparities in the Slovak Republic. [electronic document] / aut. Lucia Kurilovská, aut. Tatiana Hajdúková. In: Effectivity of pretrials – research, challenges, and perspectives [electronic document] / appl. [no applicant], rew. Margita Prokeinová, rew. Jozef Medelský. - Bratislava : Faculty of law UK, 2020. - ISBN 978-80-7160-577-5. - S. 74-84. Full text: https://www.flaw.uniba.sk/fileadmin/praf/Veda/Zborniky/2021-1-12-Zborni_k-z-medzina_rodnej-vedeckej-konferencie-APVV_01.pdf [KURILOVSKÁ, Lucia (50%) - HAJDÚKOVÁ, Tatiana (50%)]</p> <p>AFC 3 KURILOVSKÁ, Lucia - HAJDÚKOVÁ, Tatiana Taking advantage of information and communication technologies for teaching and raising awareness in the fight against criminality during the COVID-19 pandemic / aut. Lucia Kurilovská, aut. Tatiana Hajdúková. In: INTED Proceedings 2021 [print, elektronický dokument] : 15th International Technology, Education and Development Conference / zost. Luis Gómez Chova, zost. Agustín López Martínez, zost. Ignacio Candel Torres. - Valencia : IATED, 2021. - ISBN 978-84-09-27666-0. - ISSN 2340-1079. - S. 2394-2402. [KURILOVSKÁ, Lucia (50%) - HAJDÚKOVÁ, Tatiana (50%)]</p> <p>AFC 1 HAJDÚKOVÁ, Tatiana - ŠIŠULÁK, Stanislav Children in roles of both in aggressors and victims in cyberspace / aut. Tatiana Hajdúková, aut. Stanislav Šišulák. In: INTED Proceedings 2021 [print, electronic document] : 15th International Technology, Education and Development Conference / zost. Luis Gómez Chova, zost. Agustín López Martínez, zost. Ignacio Candel Torres. - Valencia : IATED, 2021. - ISBN 978-84-09-27666-0. - ISSN 2340-1079. - S. 3327-3335. [HAJDÚKOVÁ, Tatiana (50%) - ŠIŠULÁK, Stanislav (50%)]</p> <p>ADF 1 HAJDÚKOVÁ, Tatiana - KOVÁCS, Tibor Quantitative analysis of difficulty of pretrials in terms of duration, with focus on extremely serious crimes in the Slovak Republic. / aut. Tatiana Hajdúková, aut. Tibor Kovács. In: Police Theory and Practice [print].. magazine of the Academy of the Police Force in Bratislava - ISSN 1335-1370. – Vol. 29, No. 2, pp. 3-18. [HAJDÚKOVÁ, Tatiana (50%) - KOVÁCS, Tibor (50%)]</p>
5.	<p>National project "Increasing Slovakia's resilience to hybrid threats by strengthening public administration capacities", project code ITMS2014+: 314011CDW7. This project was supported by the European Social Fund.</p> <p>AFD HAJDÚKOVÁ, Tatiana - BINDAS, Bystrík Opportunities for influencing public opinion in the online space during an election campaign / aut. Tatiana Hajdúková, aut. Bystrík Bindas, rec. Pavel Nečas, rec. Václav Friedrich. In: Bezpečnosť elektronickej komunikácie 2023 [elektronický dokument] : zborník príspevkov z vedeckej konferencie s medzinárodnou účasťou / zost. Jana Zachar Kuchtová, rec. Pavel Nečas, rec. Václav Friedrich, rec. Tatiana Hajdúková. - Bratislava : Akadémia Policajného zboru v Bratislave, 2023. - ISBN 978-80-8054-997-8. - S. 31-44. Sign.: E-Book 177 [HAJDÚKOVÁ, Tatiana (80%) - BINDAS, Bystrík (20%)]</p> <p>AFD BINDAS, Bystrík - HAJDÚKOVÁ, Tatiana Teaching and understanding of HOAX issues among 1st year 4-year students at FIIT STU / aut. Bystrík Bindas, aut. Tatiana Hajdúková, rec. Pavel Nečas, rec. Václav Friedrich. In: Bezpečnosť elektronickej komunikácie 2023 [elektronický dokument] : zborník príspevkov z vedeckej konferencie s medzinárodnou účasťou / zost. Jana Zachar Kuchtová, rec. Pavel Nečas, rec. Václav Friedrich, rec. Tatiana Hajdúková. - Bratislava : Akadémia Policajného zboru v Bratislave, 2023. - ISBN 978-80-8054-997-8. - S. 12-22. Sign.: E-Book 177 [BINDAS, Bystrík (80%) - HAJDÚKOVÁ, Tatiana (20%)]</p>

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

VII.1 The most significant positions and memberships in scientific and professional institutions/associations and editorial boards (maximum of five)

VII.1a Activity, position	VII.1b Name of the institution/board	VII.1c Duration
Member	The scientific Council of the Police Force in Bratislava	2022 - present
Member	Interdepartmental group of experts focused on connecting relevant services for fighting crime in an expert and coordinated manner.	2016 - present
Member	Order of student research and professional activities (ŠVOČ) at the Academy of the Police Force in Bratislava	2019 present
Member	Editorial Board of Noticia	2019 present

VII.2 The most significant positions and memberships in scientific and professional institutions/associations and editorial boards for the last six years (maximum of five)

VII.2a Activity, position	VII.2b Name of the institution/board	VII.2c Duration
Member	Interdepartmental group of experts focused on connecting relevant services for fighting crime in an expert and coordinated manner.	2016 present
Member	Order of student research and professional activities (ŠVOČ) at the Academy of the Police Force in Bratislava	2019 present
Member	The scientific Council of the Police Force in Bratislava	2022 - present
Member	Editorial Board of Noticia	2019 present

VIII. Overview of international mobilities and visits oriented on education and research/other activities in the respective 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)
University of Applied Police Sciences Rothenburg	Rothenburg/OL (Germany)	19. - 22. 9. 2012	Work stay
Police Academy of the Czech Republic in Prague	Prague (Czech Republic)	10. – 13..4.. 2016	Programme mobility . Erasmus+
Police University College	Tampere (Finland)	26.10.2014– 31.10.2014	Educational course „Cyber Crime versus Cyber Security“
European Union Agency for Law Enforcement Training	Budapest (Hungary)	29.11.- 3.12.2015	Educational course Combating child sexual exploits on the internet through undercover activities
Technical University in Ostrava, Faculty of Electrotechnics and Informatics	Ostrava Česká republika)	19.1. - 23.1.2020	Educational course
Tge College of European and Regional Studies	České Budejovice (Czech Republic)	17.4. – 21.4.2023	Programme mobility . Erasmus+
Schweizerisches Polizei-Institut (SPI)	Neuchâtel/Švajčiar sko	11. – 15. 9. 2023	MEPA Hospitation

IX. Other relevant facts

IX.1 Characteristics of activities related to respective field of study

Actively take part in preventive activities mostly in area of improving safety of children in online space. I work together with multiple elementary schools, as well as with with department of communication and prevention of the Ministry of the Interior of the Slovak Republic. I have designed didactic tools to give information to children in a way that is natural and understandable to them.

I also work together with Institution MEPA (an institution that organizes activities of further education with goal of reducing international criminality). On their behalf I organized a conference "Sexual abuse of children online", which happened 10. 5. 2016. The goal of the conference was to point out increasing dangers of virtual communication, mostly focused on children. Over 60 attendees from 6 member countries of MEPA attended – experts working on investigation as well as prevention.

Moreover, as a part of the conference I also organized an international seminar, which which happened 10. - 14.5. 2016 and has a goal of helping identify victims of sexually abused children online with using open sources. Target audience of this seminar were police officers in a specialized units for fighting against sexual abuse of children online, and fighting child pornography, as well as officers from prevention units. Over 20 people attended this seminar from 6 member countries.

IX.2 Other activities

She currently works as the Head of the Department of Informatics and Management of the Academy of the Police Force in Bratislava. She actively cooperates with the Police Academy of the Czech Republic in Prague and develops cooperation with professionals - police practice. She leads students within the student research and professional activities (ŠVOČ) and organizes committees of international scientific conferences.

¹⁴ The courses listed in this category are listed in connection with the system of lifelong learning, which the scientific and pedagogical employees of the Academy of the Police Force in Bratislava implement with the entities of the Ministry of Interior of the Slovak Republic and other entities of the security administration.