

## Research/teacher profile of a person

Date of last update | 31/12/2021

I. Basic information	
I.1 Surname	Müllerová
I.2 Name	Jana
I.3 Degrees	prof., Ing., PhD.
I.4 Year of birth	1973
I.5 Name of the workplace	Department of Public administration and Crisis management
I.6 Address of the workplace	Akadémia Policajného zboru v Bratislave, ul. Sklabinská 1, 835 17 Bratislava
I.7 Position	professor, Head of Department
I.8 E-mail address	<a href="mailto:jana.mullerova@minv.sk">jana.mullerova@minv.sk</a> <a href="mailto:jana.mullerova@akademiapz.sk">jana.mullerova@akademiapz.sk</a>
I.9 Hyperlink to the entry of a person in the Register of university staff	<a href="https://www.portalvs.sk/regzam/detail/9438">https://www.portalvs.sk/regzam/detail/9438</a>
I.10 Name of the study field in which a person works at the university	Security sciences
I.11 ORCID iD	<a href="https://orcid.org/0000-0001-9168-4660">https://orcid.org/0000-0001-9168-4660</a>

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	University of Transport and Communications in Žilina, Faculty of Mechanical Engineering, Department of Thermal and Hydraulic Machines	1996	Environmental technology
II.2a Rigorous procedure	-	-	-
II.3 Third degree of higher education	Faculty of Mechanical Engineering, University of Zilina	2005	Energy machinery and equipment
II.4 Associate professor	Faculty of Safety Engineering, University of Mining - Technical University of Ostrava	2009	Safety and fire protection
II.5 Professor	Academy of the Police Force in Bratislava	2015	Protection of people and property
II.6 Doctor of Science (D.Sc.)	-	-	-
II.7 Further education	University of Transport and Communications in Žilina,	1996	Additional pedagogical studies

III. Current and previous employment		
III.a Occupation-position	III.b Institution	III.c Duration
University teacher/Head of Department	Academy of the Police Force in Bratislava	2019 – present (professor's position)

University of Nebrija, Madrid, Španielsko	University of Nebrija, Madrid, Spain	2018 – 2019
University teacher	Faculty of Security Engineering, University of Zilina	1997 – 2014
Researcher	Faculty of Mechanical Engineering, University of Zilina	2006-2006

#### 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
Additional pedagogical studies	University of Zilina	1999

#### 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
Theory of security risks 1	Security and Legal Services in Public Administration	2.	Security Sciences
Theory of security risks 2	Security and Legal Services in Public Administration	2.	Security Sciences
Critical infrastructure of the European Union and the Slovak Republic	Security and Legal Services in Public Administration	3.	Security Sciences
Security risk management	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	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	3	1	5
V.4.2 Number of defended theses	47	67	5

##### 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
-	-	-	-

##### 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
Methodology of security research	Security and Legal Protection of Persons and Property	3.	Security Sciences

Methodology of security research	Security and Legal Services in Public Administration	3.	Security Sciences
Crisis management in public administration	Security and Legal Services in Public Administration	2.	Security Sciences
Crisis management 1	Security and Legal Services in Public Administration	2.	Security Sciences

#### V.7 Overview of other courses taught in further specialised education<sup>1</sup>

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
-	-	-	-	-	-

#### 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
Modeling of internal fires	Rescue services	2.	Faculty of Security Engineering, University of Zilina	Security Sciences	2016 - 2018
Heat transfer	Rescue services	2.	Faculty of Security Engineering, University of Zilina	Security Sciences	2013 - 2018
Fundamentals of fluid and gas mechanics	Rescue services, Crisis management, Security management	1.	Faculty of Security Engineering, University of Zilina	Security Sciences	2007-2018
Basics of technical sciences II.	Rescue services, Crisis management, Security management	1.	Faculty of Security Engineering, University of Zilina	Security Sciences	2007-2016
Methods of scientific work and preparation of projects	Rescue services, Crisis management, Security management	3.	Faculty of Security Engineering, University of Zilina	Security Sciences	2016-2018

## 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

<sup>1</sup>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.

		years
<b>VI.1.1 Number of the research/other outputs</b>	220	82
<b>A+</b>	10	5
<b>A</b>	35	25
<b>A-</b>	40	8
<b>B</b>	85	34
<b>C</b>	50	10
<b>VI.1.2 Number of the research/other outputs registered in the Web of Science or Scopus databases</b>	46	32
<b>VI.1.3 Number of citations corresponding to the research/other outputs</b>	268	148
<b>VI.1.4 Number of citations registered in the Web of Science or Scopus databases</b>	123	82
<b>VI.1.5 Number of invited lectures at the international/national level</b>	11/1	7/1
<b>VI.1.6 Number of projects granted for the funding of research</b>	1	-
<b>VI.2 The most significant research/other outputs (maximum of five)</b>		
1.	<p>ADC <b>Zníženie emisií pri spaľovaní biomasy v teplovodnom kotli</b> / Jana Müllerová, Sergej Hloch, Jan Valíček. In: Chemické listy : časopis pro průmysl chemický. - ISSN 0009-2770. - Roč. 104, č. 9 (2010), s. 876-879. [Müllerová Jana (34%) - Hloch Sergej (33%) - Valíček Jan (33%)] (<i>Current contents</i>)</p> <p>The authors dealt with safety issues of biomass burning in a hot water facility. Emphasis is placed on emissions from wood burning. The first quarantined article was created on the basis of a scientific research project.</p> <p>According to the criteria of the Scientific Council of the Police Academy in Bratislava, which determine the segmentation of outputs, this is a scientific monograph that has an objective meaning in several countries, not only in the same region, which is why the author allowed himself to include this output in the A+ category.</p>	
2.	<p>AAA <b>Environmental safety aspects of production management</b> / Autor: Majerník, Milan - Ladomerský, Juraj - Müllerová, Jana - Hroncová, Emilia - Kohla, Andreas- 1. vyd. - Düsseldorf : A&amp;A Digitalprint, 2017. - 282 s. - ISBN 978-3-00-058223-3 [Majerník Milan (18%) - Ladomerský Juraj (21%) - Müllerová Jana (37%) - Hroncová Emilia (20%) - Kohla Andreas (4%)] [Dirner Vojtech (rec.) - Šimák Ladislav (rec.)]</p> <p>Monograph focused on aspects of environmental security, risk assessment, well-known and innovative analytical methods of solving risk in ecological issues.</p>	
3.	<p>AAA <b>MULLEROVA, Jana</b> Fire Investigation : Introduction [Vyšetrovanie požiarov : Úvod]./ Jana Müllerová. - 1. Ed. - Kielce: Lipinski University of Kielce &amp; Silesian Printing House, 2019. - 92 s. ISBN 978-83-66349-03-2 Signatúra: F 20132</p> <p>Foreign monograph presenting the theoretical foundations of the process of investigating the causes of fires from the point of view of investigators. The monograph presents processes, instructions and trends in investigation, identifying the outbreak, taking samples, their analysis, etc. The monograph is among the recommended literature of the Fire Engineering course.</p>	
	<p>AFC <b>MAMOJKA, Mojmir - MÜLLEROVÁ, Jana</b> <i>New methodology for crisis management RM/RA CRAMM and its legal frame/ Mojmir Mamojka, Jana Mullerova in Production Management and Engineering sciences, ESPM. CRC Press. Francis &amp; Taylor. s.185-190</i></p> <p><i>The paper deals with the application of the RM/RA CRAMM methodology for use in the crisis management system and its legal limits. This new methodology is based on the CRAMM method used by many large institutions to assess IT risks. RM/RA CRAMM was used in practice for the first time in Slovakia, where its modification was developed to cover a wide range of risk management issues that are very common in Slovakia.</i></p>	
	<p>AFC <b>ŠÍŠULÁK, Stanislav - MÜLLEROVÁ, Jana</b> Social network impact on arson criminality. International Multidisciplinary Scientific GeoConference: SGEM 2020. Sofia: STEF92. Book 5.1 p.703-708. ISBN: 978-619-7603-10-1</p> <p>The aim of the work is to point out the relationship between arson crime and the group's social network. The article discusses the impact of Internet social networks on arson crime. The influence of top social networks like facebook or twitter is generally very high for companies. The crime of arson is partially hidden in fire</p>	

	statistics, especially in the Slovak Republic, where investigated cases of fire with an unknown source of fire usually point to an unknown perpetrator. Crimes related to fires are also often discussed on social networks.
<b>VI.3 The most significant research/other outputs over the last six years (maximum of five)</b>	
1.	<p>ACB MÜLLEROVÁ, Jana - ORINČÁK, Michal  <i>Dynamika požiaru : Vysokoškolská učebnica pre poslucháčov Akadémie Policajného zboru v Bratislave [Elektronický zdroj]. / Jana Müllerová, Michal Orinčák. - 1. vyd. - Bratislava: Akadémia Policajného zboru, 2021. - 272 s. : tab., grafy, obr., nákresy, E-Book 1 CD ROM ISBN 978-80-8054-918-3 : ISBN 978-80-8054-919-0 E-Book F 20690, SF 1970, E-Book 139</i></p> <p><i>The textbook deals with the theory of fire dynamics with an emphasis on dangerous fire phenomena during internal fires. Its purpose is to clarify the issue of fire dynamics, physical laws of fire propagation, basic quantities determining fire dynamics and conditions for the occurrence of dangerous fire phenomena.</i></p>
2.	<p>AFC KURILOVSKA, Lucia - MULLEROVA, Jana  Crisis management risk assessment quantitative methods applied on the crisis event. International Multidisciplinary Scientific GeoConference: SGEM 2020. Sofia: STEF92. Book 5.1 p.213-220. ISBN: 978-619-7603-10-1</p> <p><i>The paper deals with quantitative risk management methods applied to a crisis event of criminal origin. Two quantitative risk assessment methods are introduced. Event tree analysis and the RM/RA CRAMM method are applied from the point of view of crisis management in the phase of criminal crisis prevention. The advantages and disadvantages of quantitative methods compared to qualitative methods are discussed. The quality of the input data is emphasized to obtain reliable results that can be taken seriously by crisis managers or other stakeholders. The risk identification phase is the most critical part of the risk assessment process. The rules of reliable risk assessment are explained in logical steps. The issue of probabilistic data and trends is also presented in order to obtain reliable risk assessment results. The risk value is calculated as a function of potential damage and probability of damage in both established methods. The paper also underlines the universality of the application of both quantitative methods.</i></p>
3.	<p>ACB MULLEROVA, Jana - ORINCAK, Michal  <i>Nebezpečnosť úniku chemických látok. / Jana Müllerová, Michal Orinčák. - 1. vyd. - Bratislava: Akadémia PZ - K verejnej správy a krízového manažmentu, 2020. - 148 s. ISBN 978-80-8054-874-2 :</i></p> <p><i>The textbook deals with the basic methodology of evaluating the release of a chemical hazardous substance (CHNL) in practice. It presents basic information and data on the nature of CHNL leaks depending on their specific characteristics, meteorological and terrain conditions. It clarifies the issue of evaluation of CHNL leakage in practice through conventional calculation and also selected evaluation software. Using specific practical examples, it explains the calculation procedure and the software evaluation methodology of CHNL leakage (methyl methacrylate leakage with the ALOHA 5.4.4 and TerEx programs and chlorine leakage with the ALOHA 5.4.6 and TerEx programs in an experimental environment; ethyl acetate leakage with the ALOHA 5.4.5 program and sulfur dioxide leakage with the ALOHA program 5.4.7 in the real environment).</i></p>
4.	<p>AAA MÜLLEROVÁ, Jana  Fire Investigation : Introduction [Vyšetrovanie požiarov : Úvod]./ Jana Müllerová. - 1. Ed. - Kielce: Lipinski University of Kielce &amp; Silesian Printing House, 2019. - 92 s. ISBN 978-83-66349-03-2  Signatúra: F 20132</p> <p><i>Foreign monograph presenting the theoretical foundations of the process of investigating the causes of fires from the point of view of investigators. The monograph presents processes, instructions and trends in investigation, identifying the outbreak, taking samples, their analysis, etc. The monograph is among the recommended literature of the Fire Engineering course.</i></p>
	<p>ACA MÜLLEROVÁ, Jana - FELCAN, Miroslav  Modelovanie vnútorných požiarov. / Jana Müllerová, Miroslav Felcan. - 1. vyd. - Hodonín: Evropský ústav práva a súdneho inžinýrství, 2017. - 262 s. ISBN 978-80-906601-1-3</p> <p><i>The textbook clarifies the issue of modeling internal fires through simulation software/programs that are currently used in fire protection and describes the current possibilities of their use in this area (Ozone v 2.2, CFAST, FIRE DYNAMIC SIMULATOR, PYROSIM, simulation programs for calculating fire resistance, on determination of detector response, for unit coordination and decision-making training, flood simulators, universal and specific simulators and other simulation programs).</i></p>
<b>VI.4 The most significant citations corresponding to the research/other outputs (maximum of five)</b>	

1.	<p>Monková, K., Monka, P., Vegnerová, P., Čep, R., Müllerová, J., Bražina, D., Duspara, M. Factor analysis of the abrasive waterjet factors affecting the surface roughness of titanium. <i>Tehnicki Vjesnik = Technical gazette</i>. - ISSN 1330-3651. 18(1):73-77, 2011</p> <p>[1] DEACONESCU, A., &amp; DEACONESCU, T. "Response Surface Methods Used for Optimization of Abrasive Waterjet Machining of the Stainless Steel X2 CrNiMo 17-12-2." <i>Materials</i> 14.10 (2021): 2475. <i>Current Contents - Engineering, Computing &amp; Technology</i></p>
2.	<p>Review of Health and Safety Risks of Wood Chips Use / Mullerova J, Puskajler J. <i>Advanced Materials Research</i> 1001, 2014, pp 426–431. <a href="https://doi.org/10.4028/www.scientific.net/amr.1001">https://doi.org/10.4028/www.scientific.net/amr.1001</a>.</p> <p>[1] WYN, H.K., ZÁRATE, S., CARRASCAL, J., YERMÁN, L. (2020) A Novel Approach to the Production of Biochar with Improved Fuel Characteristics from Biomass Waste. <i>Waste Biomass Valor</i> 11, 6467–6481. ISSN: 1877-265X / <a href="#">Current Contents/ Agriculture, Biology &amp; Environmental Sciences SCOPUS</a></p>
3.	<p>Assesment of materials used in aircraft interiors /Novák, M., Mrázek, P., Šustr, M., Mullerová, J., Němec, V., Endrizalova, E., ... &amp; Řeha, D. (2019, September).. In <i>2019 New Trends in Aviation Development (NTAD)</i> (pp. 135-138). IEEE eISBN: 978-1-7281-4079-7, INSPEC Accession Number: 19079176. DOI: 10.1109/NTAD.2019.8875609</p> <p>[1] KUMAR, R. L., PHAM, Q. V., KHAN, F., PIRAN, M. J., &amp; DEV, K. (2021). Blockchain for securing aerial communications: Potentials, solutions, and research directions. <i>Physical Communication</i>, 101390. <i>Current Contents - Engineering, Computing &amp; Technology SCOPUS</i></p>
4.	<p>Mamojka, M.; &amp; Müllerová, J. 2016. New methodology for crisis management RM/RA CRAMM and its legal frame. In: <i>Production management and engineering sciences</i>. - Leiden: CRC Press/Balkema, 2016. pp.185-190. ISBN 978-1-138-02856-2. 3</p> <p>[1] Kopencova D., Felcan M., Rak R. (2021) Equilibrium and Limit States in Technical and Social Disciplines as Part of Risk Analysis and Management. In: Abdel Wahab M. (eds) <i>Proceedings of 1st International Conference on Structural Damage Modelling and Assessment. Lecture Notes in Civil Engineering</i>, vol 110. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-15-9121-1_22">https://doi.org/10.1007/978-981-15-9121-1_22</a></p>
5.	<p>Legal possibilities of the rescue forces during the emergency event / Jana Müllerová, Mojmir Mamojka ml. In: <i>SGEM 2017 : conference proceedings</i>. - ISBN 978-619-7408-08-9. - ISSN 1314-2704. - pp. 605-612. - DOI: 10.5593/sgem2017/51/S20.079.</p> <p>[1] KORAUŠ, A., GOMBÁR, M., KELEMEN, P., POLÁK, J. 2019. Analysis of respondents' opinions and attitudes toward the security of payment systems. In <i>Entrepreneurship and Sustainability Issues : International scientific peer-reviewed journal</i>, ISSN 2345-0282. Vilnius, 2019, roč. 6, č. 4, s. 1987-2002. SCOPUS.</p>
<b>VI.4A The most significant citations corresponding to the research/other outputs over the last six years (maximum of five)</b>	
1.	<p>Monková, K., Monka, P., Vegnerová, P., Čep, R., Müllerová, J., Bražina, D., Duspara, M. Factor analysis of the abrasive waterjet factors affecting the surface roughness of titanium. <i>Tehnicki Vjesnik = Technical gazette</i>. - ISSN 1330-3651. 18(1):73-77, 2011</p> <p>[1] DEACONESCU, A., &amp; DEACONESCU, T. "Response Surface Methods Used for Optimization of Abrasive Waterjet Machining of the Stainless Steel X2 CrNiMo 17-12-2." <i>Materials</i> 14.10 (2021): 2475. <i>Current Contents - Engineering, Computing &amp; Technology</i></p>
2.	<p>Review of Health and Safety Risks of Wood Chips Use / Mullerova J, Puskajler J. <i>Advanced Materials Research</i> 1001, 2014, pp 426–431. <a href="https://doi.org/10.4028/www.scientific.net/amr.1001">https://doi.org/10.4028/www.scientific.net/amr.1001</a>.</p> <p>[1] WYN, H.K., ZÁRATE, S., CARRASCAL, J., YERMÁN, L. (2020) A Novel Approach to the Production of Biochar with Improved Fuel Characteristics from Biomass Waste. <i>Waste Biomass Valor</i> 11, 6467–6481. ISSN: 1877-265X / <a href="#">Current Contents/ Agriculture, Biology &amp; Environmental Sciences SCOPUS</a></p>
3.	<p>Assesment of materials used in aircraft interiors /Novák, M., Mrázek, P., Šustr, M., Mullerová, J., Němec, V., Endrizalova, E., ... &amp; Řeha, D. (2019, September).. In <i>2019 New Trends in Aviation Development (NTAD)</i> (pp.</p>

	135-138). IEEE eISBN: 978-1-7281-4079-7, INSPEC Accession Number: 19079176. DOI: 10.1109/NTAD.2019.8875609  [1] KUMAR, R. L., PHAM, Q. V., KHAN, F., PIRAN, M. J., & DEV, K. (2021). Blockchain for securing aerial communications: Potentials, solutions, and research directions. Physical Communication, 101390. <a href="#">Current Contents - Engineering, Computing &amp; Technology SCOPUS</a>
4.	Mamojka, M.; & Müllerová, J. 2016. New methodology for crisis management RM/RA CRAMM and its legal frame. In: Production management and engineering sciences. - Leiden: CRC Press/Balkema, 2016. pp.185-190. ISBN 978-1-138-02856-2. 3  [1] Kopencova D., Felcan M., Rak R. (2021) Equilibrium and Limit States in Technical and Social Disciplines as Part of Risk Analysis and Management. In: Abdel Wahab M. (eds) Proceedings of 1st International Conference on Structural Damage Modelling and Assessment. Lecture Notes in Civil Engineering, vol 110. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-15-9121-1_22">https://doi.org/10.1007/978-981-15-9121-1_22</a>
5.	Legal possibilities of the rescue forces during the emergency event / Jana Müllerová, Mojmír Mamojka ml. In: SGEM 2017 : conference proceedings. - ISBN 978-619-7408-08-9. - ISSN 1314-2704. - pp. 605-612. - DOI: 10.5593/sgem2017/51/S20.079.  [1] KORAUŠ, A., GOMBÁR, M., KELEMEN, P., POLÁK, J. 2019. Analysis of respondents' opinions and attitudes toward the security of payment systems. In <i>Entrepreneurship and Sustainability Issues : International scientific peer-reviewed journal</i> , ISSN 2345-0282. Vilnius, 2019, roč. 6, č. 4, s. 1987-2002. SCOPUS.
<b>VI.5 Participation in conducting (leading) the most important research projects over the last six years (maximum of five)</b>	
1.	APVV-20-0334 "Nie je to pravda, ale mohla by byť": Konšpiračné teórie a hoaxy v modernom vývoji Slovenska v európskom kontexte. 2021-25, medzinárodný, zodpovedný riešiteľ čiasťkovej vedeckej úlohy.  The project is an effort to analyze the history of conspiracy theories and hoaxes in Slovakia in a European context from 1918 to the present, and at the same time an effort to symbolically "bridge" the past with the present, which aims to contribute analytically to the discussion of one of the most discussed phenomena of the 21st century. A collective of 25 experts in the fields of history, political science, ethnology, religious studies and security studies from three Slovak universities (UMB Banská Bystrica, UKF Nitra, UPJŠ Košice), two university-type academies (AOS Liptovský Mikuláš, APZ Bratislava) and two SAS institutes (Institute of Political of Sciences, Institute of Ethnology and Social Anthropology) to create a joint project platform of the humanities and social sciences and to try for a new perspective and a new contextualization of their meaning.  ADF/ HOAX AND DISINFORMATION IN ENVIRONMENTAL RISK SAFETY /Mullerova, J.. SGEM International Scientific Conferences on Earth & Planetary Sciences 2021. Vienna, Vol. 21 Book x.x, 8p, ISSN 1314-2704
2.	STRONG - Advanced first responders training. Grant Agreement number: 2020-1-DE02-KA202-007579. 2021-2023, HOCHSCHULE FÜR DEN ÖFFENTLICHEN DIENST IN BAYERN. Address Wagnmüllerstraße 20, 80538 München, Germany. Spoluriešiteľ
3.	A European Positive Sum Approach towards AI tools in support of Law Enforcement and safeguarding privacy and fundamental rights. popAI, H2020-SU-AI-2020, No: 101022001. NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS", spoluriešiteľ Address Agia Paraskevi, Attikis, 15310, Athens, Greece. : oktober 2021 – september 2023
4.	MERCURIUS - EU Grants: Call document (HE): V1.0 – 10.03.2021, Zanasi&Partners, Via Giardini, Address 45 41124 Modena – Italy. spoluriešiteľ. apríl 2022 – apríl 2024
<b>VI.6 Participation in conducting (leading) the most important research projects (maximum of five)</b>	
1.	APVV-20-0334 "Nie je to pravda, ale mohla by byť": Konšpiračné teórie a hoaxy v modernom vývoji Slovenska v európskom kontexte. 2021-25, medzinárodný, zodpovedný riešiteľ čiasťkovej vedeckej úlohy.
2.	APZ VÝSK. 205 Model využitia metodiky RM/RA CRAMM pri prevencii mimoriadnych chudalostí - zodpovedný riešiteľ, hlavný riešiteľ, 2014 Creation and testing of the original multi-functional RM/RA CRAMM method for semi-quantitative risk assessment of environmental, technological and social nature. The method is part of the teaching process in profile subjects of the Academy of the Police Force. Mamojka, M.; & Müllerová, J. 2016. New methodology for crisis management RM/RA CRAMM and its legal frame. In: Production management and engineering sciences. - Leiden: CRC Press/Balkema, 2016. pp.185-190. ISBN 978-1-138-02856-2. 3

3.	APVV (2013 – 2015), APVV-0727-12 Model hodnotenia ekonomickej efektívnosti protipožiarnych opatrení. vedúci čiastkovej úlohy. Chapter in monograph Fire safety characteristic of oak wood and medium-density fiberboard [Charakteristika požiarnej bezpečnosti dubového dreva a drevovláknitej dosky so strednou hustotou] / J. Müllerová & J. Vácval. In: Production management and engineering sciences. - Leiden; London: CRC Press/Balkema; Taylor & Francis Group, 2016. - ISBN 978-1-138-02856-2. - S. 207-211.
4.	APVV (2009 – 2011), VMSP-P-0103-09 Výskum a vývoj automatického kotla na štiepku - hlavný riešiteľ. Patent: 2015 SK P 288260 Spôsob regulácie výkonu splyňovacieho kotla/ The method of regulating the performance of the gasification boiler
5.	STRONG - Advanced first responders training. Grant Agreement number: 2020-1-DE02-KA202-007579. 2021-23, HOCHSCHULE FÜR DEN ÖFFENTLICHEN DIENST IN BAYERN

## 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	Scientific Council of the Police Academy in Bratislava	2019 - present
Ambassador	Coordinator of CICA (International Conferences on Conflict and Aggression) for Slovakia and the Czech Republic	2018 – present
Member	The editorial board of the Kultura bezpecienstwa magazine. Theory-Practice-Reflection (Poland)	2016 -present
Member	Editorial Board Research Journal of Engineering Sciences (India)	2015 - present
Member	Slovak Accreditation Agency for Higher Education	2020 - 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	Scientific Council of the Police Academy in Bratislava	2019 - present
Ambassador	Coordinator of CICA (International Conferences on Conflict and Aggression) for Slovakia and the Czech Republic	2018 – present
Member	The editorial board of the Kultura bezpecienstwa magazine. Theory-Practice-Reflection (Poland)	2016 -present
Member	Editorial Board Policajná teoria a prax/Police theory and Practice (Slovakia)	2015 - present
Member	Slovak Accreditation Agency for Higher Education	2020 - 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)
Nebrija University	Madrid, Spain	1.3. 2018 – 1.9. 2020	invited professor

University of Higher Education in Public and Individual Security APEIRON	Krakow , Poland	5. - 10. 10. 2020	Erasmus+, teaching
Nebrija University	Madrid, Spain	21.-27.11.2021	Erasmus+, teaching
Policejní akademie České republiky v Praze	Praha, Czech republic	24.-28.10.2016	Erasmus+, teaching
Faculty of Law and political sciences, Eötvös Loránd University,	Budapest, Hungary	march 2013	Invited lectures

## IX. Other relevant facts

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

She actively participates in the provision of teaching, the creation of study literature, the creation of subjects within the field of study "Safety Sciences". He regularly publishes the results of his scientific activities in indexed foreign publications. She presented her original method of semi-quantitative risk assessment RM-RA CRAMM at the invitation of the International Science Congress Association at a scientific conference in India. She sensitively implements rich foreign experience into teaching practice. The quality of the study is also developed by the implementation of advanced simulation technologies in practical exercises using the possibilities of live, computer and simulator simulations.

### IX.2 Other activities

Currently, she works as the head of the Department of Public Administration and Crisis Management of the Academy of the Police Force in Bratislava. She actively cooperates with foreign security-oriented universities in Spain, Poland, the Czech Republic, Bulgaria, as well as with state institutions in Austria, the USA, India, etc. He is actively involved in domestic as well as foreign scientific conferences and seminars. She is a member of scientific committees, co-organizer of domestic and foreign conferences. She was an advisor to the Deputy Minister of the Ministry of the Interior of the Czech Republic, Deputy Minister for Education of the Security Forces of the Ministry of the Interior, Deputy Minister for Social, Health, School and Project Management. She was awarded a silver medal for international contribution by the International Scientific Congress Association (India, 2018). She also received a medal for scientific contribution to transport at the Faculty of Transport of the Czech Technical University in Prague, a medal for scientific contribution to the Fire and Rescue Services of the Czech Republic, the head of the aviation department of the Jan Perner Faculty of Transport of the University of Pardubice and a medal for the development of the Fire and Rescue Service from the President of the Fire and Rescue Service of the Slovak Republic.