Muzsnay Anna

Degree:

2020

High-school teacher of mathematics and chemistry, ELTE

Scholarships and awards:

2021

Pro Scientia Gold Medal

2019

Special Award of the Foundation for Science Education in Memory of Szabolcs Szabó

2018-2019

National Scholarship for Tertiary Education

2017-2019

New National Excellence Program of the Ministry of Human Capacities

Studies:

2014-20	Eötvös Loránd University
2018	University of Strasbourg (Erasmus)
2020 –	Ph.D. studies at Mathematics Doctoral School, University of Debrecen

International conferences:

2022	Where to find the fifth floor? Research in Didactics of Mathematics and Computer Science, Baja
2020	Research in Didactics of Mathematics and Computer Science
2019	Testing the test. Rethinking the levels of understanding geometry based on Math students' van Hiele test result
	Test-enhanced learning in studying mathematics at secondary school and university
	43rd Annual Meeting of the Group for the Psychology of Mathematics Education (PME43) Pretoria, South Africa
2018	Efficiency of test-enhanced learning in teaching elementary geometry
	42nd Annual Meeting of the Group for the Psychology of Mathematics Education (PME42) Umea, Sweden
2017	Research in Didactics of Mathematics and Computer Science

Invited guest lecturer:

2020	Eötvös Loránd University
2019	Olomouc, Palacký University
2019	Eötvös Loránd University Department of Geophysics and Space Science
2019	Eötvös Loránd University, Mathematics Institute
2019	Prague, Charles University
2019	Budapest, BGE –KVIK
2018	Szeged, SZTE TTIK Algebra Faculty
2018	Pécs, PTE TTK Mathematics and Informatics Institute
2017	Kassa, Pavol Jozef Šafárik University
2017	Győr, Széchenyi István University

National Competitions (OTDK) - Learning and Teaching Methodology - Knowledge Technology Section:

2019	two OTDK first prize, two OTDK second prize, one OTDK special award
	(with Janka Szeibert and Csilla Zámbó)
2017	OTDK special award
	(with Csenge Edöcsény and Anna Bursics)

Education activities:

2017-2018	Teaching Number Theory to first-year Mathematics teacher students, ELTE
2019-2021	Debreceni Fazekas Mihály Gimnázium
2020 –	Mathematics I. Business informatics, University of Debrecen
	Mathematics I., Mathematics II. Tourism Management, University of Debrecen
	College Analysis University of Debrecen
	College Algebra University of Debrecen

Publications:

Muzsnay, A., Szabó, Cs. Dressed Up Problems – The danger of picking the inappropriate dress, Teaching Mathematics and Computer Science, 2017 (2017 / 15 / 1-2 (6) - DOI: 10.5485/TMCS.2017.0433 - p. 77-94.)

Szeibert, J., Muzsnay, A., Szabó, Cs. & Bereczky-Zámbó, Cs. Students' non-development in high school geometry. Annales Mathematicae et Informaticae, 2020 – DOI: 10.33039/ami.2020.12.004

Szeibert, J., Muzsnay, A., Szabó, Cs. & Bereczky-Zámbó, Cs. A Case Study of Using Test-Enhanced Learning as a Formative Assessment in High School Mathematics. International Journal of Science and Mathematics Education. 2022, DOI: 10.1007/s10763-022-10264-8

Bereczky-Zámbó, Cs., Szabó, Cs., Muzsnay, A., Szeibert, J. Passing the exam and not mastering the material in geometry. Annales Mathematicae et Informaticae, 2022 – DOI: 10.33039/ami.2022.12.009