JÁNOS SZÖVÉRFI

Bolyai Farkas High School, Targu Mures

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TEACHING CAREER IN BRIEF

I laid the foundations of my professional career at Eszterházy Károly University in Eger, where I graduated in 2008 with a degree in Chemistry and Environmental Protection. Continuously expanding my scientific expertise, I earned a Master's degree in Medical Biotechnology from the University of Medicine and Pharmacy of Târgu Mureș in 2013. Subsequently, in 2022, I completed my academic journey by defending my PhD in Chemical Engineering at the Polytechnic University of Bucharest.

Since 2010, I have been serving as a Chemistry Teacher at the Bolyai Farkas Theoretical High School and the Reformed College of Târgu Mureș. At the heart of my educational philosophy is a commitment to adapting to students' needs and presenting the science of chemistry in an illustrative and practical manner. I am firmly convinced that effective knowledge acquisition is impossible without regular laboratory work and experiential learning.

Alongside my teaching duties, I place a strong emphasis on innovative pedagogical methods and talent management. As the coordinator of several successful projects—such as Virtual Chemistry, Science on Stage, and AI learns chemistry—I have guided students in deepening their knowledge within an interdisciplinary environment. Furthermore, I play an active role in the annual organization of the Rudolf Fabinyi National Chemistry Competition, which serves as a definitive forum for Hungarian students in Transylvania to demonstrate their professional excellence in the field of chemistry.

PUBLICATIONS

Z. Antal, **J. Szoverfi,** and S. N. Fejer, Predicting the Initial Steps of Salt-Stable Cowpea Chlorotic Mottle Virus Capsid Assembly with Atomistic Force Fields, J. Chem. Inf. Model., vol. 57, no. 4, 2017, doi: 10.1021/acs.jcim.7b00078, IF2017= 3.804

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SUCCESSFUL STUDENTS

Bab Timea
Chemical engineer
- Tudek 2012, special prize

Szilágyi Timea Zsuzsanna
Medical student, SOTE
- Fabinyi Rudolf Kémiaverseny, 2022, national phase, special prize