MARTIN KERNYA



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TEACHING CAREER IN BRIEF

I earned my bachelor's degree in biology and chemistry education from the University of Szeged in 2023. After graduating, I taught at the Piarist Secondary School in Kecskemét for two academic years, where I also worked as a deputy laboratory supervisor. I have been a biology and chemistry teacher at the University of Szeged Báthory István Teacher Training Secondary and Primary School since August 2025, as well as a demonstrator at the Szeged Regional Science Student Laboratory. In recent years, I have participated with my students in numerous competitions, projects, and talent development programs (e.g., OTIO 2024, the National Talent Program, the János Irinyi National High School Chemistry Competition, the György Hevesy Carpathian Basin Chemistry Competition, Science Fair, Lauder Innovation Marathon, as well as international online student research groups with Spanish schools), which have greatly contributed to strengthening the students' motivation in STEM subjects. In my work as a teacher, I believe it is extremely important that students not only gain lexical knowledge but also understand the essence of scientific thinking: uncovering the causes behind phenomena, recognizing the role of conclusions based on experience, and identifying connections. My goal is for students to be able to interpret and apply the knowledge they have learned in everyday life. Following the STEM approach, I employ a complex, interdisciplinary approach.

In addition to supporting talented students, science promotion is also important to me: I have participated in several mobile laboratory field trips (e.g., World Water Day, Researchers' Night, EFOTT 2024), as well as in organizing workshops and educational programs in Kecskemét and Szeged.

In my work at the National Academy of Scientist Education, my goal is to create an inspiring, high-quality professional environment that contributes to strengthening the next generation of scientists in the natural sciences.

PUBLICATIONS

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