

<b>Name</b>	NGUYEN Thi Huyen Nga		
<b>Position</b>	Lecturer, Department of Theoretical Physics		
<b>Academic Career</b>		<b><i>Institution</i></b>	<b><i>Year</i></b>
	Master's degree	University of Science, VNUHCM	2003
	Undergraduate/bachelor degree	Ho Chi Minh City University of Education	1999
<b>Employment</b>	<b><i>Position</i></b>	<b><i>Employer</i></b>	<b><i>Period</i></b>
	Lecturer	Faculty of Physics - Engineering Physics	2000 - Present
<b>Research and development projects over the past 5 years</b>	<b><i>Name of project or research focus</i></b>	<b><i>Body funding</i></b>	<b><i>Role/ Period</i></b>
	Investigation of the alpha and cluster decay in the deformed heavy nuclei.	National university-level project in Ho Chi Minh City	2025-2027
<b>Industry collaborations over the past 5 years</b>	<b><i>Project titles</i></b>		<b><i>Partners</i></b>
	None		None
<b>Patents and proprietary rights</b>	<b><i>Title</i></b>		<b><i>Year</i></b>
	None		None
<b>Important publications over the last 5 years</b>	<p><b><i>Selected recent publications from a total of approx.:</i></b></p> <p>1. Le Hoang Chien, Nguyen Hai Dang, <b>Nguyen Thi Huyen Nga</b>, Nguyen Tri Toan Phuc, Chau Van Tao, Department of Physics - Technical Physics, University of Natural Sciences, VNU-HCM, 227 Nguyen Van Cu, Ward 4 , District 5, Ho Chi Minh City - Applying semi-classical theory to study the alpha half-lives of some Aranium and Plutonium nuclei. The 14th National Nuclear Science and Technology Conference, August 2021.</p> <p>2. <b>Nguyen Thi Huyen Nga</b>, Le Hoang Chien, Nguyen Tri Toan Phuc, Chau Van Tao, Applying the WKB method to calculate the cluster decay half-life of heavy even-even nuclei, November 11, 2024 - Ho Chi Minh City, VN- November 12, 2024 - Vinh Long Province, VN.</p> <p>3. <b>Nguyen Thi Huyen Nga</b>, Le Hoang Chien, Nguyen Tri Toan Phuc, Chau Van Tao, Department of Physics - Technical Physics, University of Natural Sciences, VNU-HCM, 227 Nguyen Van Cu, Ward 4 , District 5, Ho Chi Minh City - The effect of deformation on the alpha decay half-life of certain heavy isotopes-The Scientific Conference of the University of Science in October 2024.</p>		

	<p>4. Huynh Minh Quoc, <b>Nguyen Thi Huyen Nga</b>, Trinh Hoa Lang- Faculty of Physics and Engineering Physics, University of Science, VNU-HCM, Nuclear energy levels calculated with the shell model and VQMC - The Scientific Conference of the University of Science in October 2022.</p> <p>5. <b>Nguyen Thi Huyen Nga</b>, Trinh Hoa Lang, Huynh Minh Quoc, Huynh Thi Yen Hong, Chau Van Tao- Faculty of Physics and Engineering Physics, University of Science, VNU-HCM- Nuclear energy levels calculated with the nucleon – nucleon correlation functions and VQMC, The 15th National Nuclear Science and Technology Conference, August 2023.</p>		
<b>Activities in specialist bodies over the last 5 years</b>	<i><b>Organization</b></i>	<i><b>Role</b></i>	<i><b>Period</b></i>
	None	None	None
<b>Website</b>	<a href="https://phys.hcmus.edu.vn/">https://phys.hcmus.edu.vn/</a>		