

## *Faculty Vitae*

<b>1. Name</b>
- Name: <b>VU THI KIM NGOC</b> - Full-time
<b>2. Education</b>
PhD in Physical and Theoretical Chemistry <ul style="list-style-type: none"><li>• Specialty: Physical and Theoretical Chemistry</li><li>• Academic institutions: University of Science - Ho Chi Minh City, Vietnam</li><li>• Completion date: 2017</li></ul> MS in Physical and Theoretical Chemistry <ul style="list-style-type: none"><li>• Specialty: Physical and Theoretical Chemistry</li><li>• Academic institutions: University of Science - Ho Chi Minh City, Vietnam</li><li>• Completion date: 2017</li></ul> BS in Food and Chemical Technology <ul style="list-style-type: none"><li>• Specialty: Food and Chemical Technology</li><li>• Academic institutions: University of Technology - Ho Chi Minh City, Vietnam</li><li>• Completion date: 2008</li></ul>
<b>3. Academic experience</b>
<ul style="list-style-type: none"><li>• Nguyen Tat Thanh University<ul style="list-style-type: none"><li>• Address: 300A Nguyen Tat Thanh Street Ward 13, District 4, Ho Chi Minh city</li><li>• Faculty : Environmental and Food Engineering</li><li>• Administrative position: Lecturer</li><li>• Period: 11/2020 - present</li></ul></li><li>• Hong Bang University<ul style="list-style-type: none"><li>• Address: 3 Hoang Viet Street, Ward 4, District TanBinh, Ho Chi Minh city</li><li>• Faculty : Medicine</li><li>• Administrative position: Lecturer</li><li>• Period: 6/2018 – 10/2020</li></ul></li></ul>
<b>4. Non-academic experience</b>
- 1997 - 2005: Analyst - Center of Analytical Services and Experimentation – Department of Science and Technology, HCMC, Vietnam - 2005 - 2008: Chief of R&D Department - Center of Analytical Services and Experimentation – Department of Science and Technology, HCMC, Vietnam - 2008 – 2016: Vice Director – Center of Analytical Services and Experimentation – Department of Science and Technology, HCMC, Vietnam
<b>5. Certifications or professional registrations</b>
- Lead Auditor of Quality Management System according to ISO 9001:2008 - Bureau of Accreditation (BoA) - Ministry of Science and Technology

<ul style="list-style-type: none"> <li>- Quality Management, Laboratory Technical Management - Bureau of Accreditation (BoA) - Ministry of Science and Technology</li> <li>- Approving statistical methods according to ISO/IEC 17025: 2005- Bureau of Accreditation (BoA) - Ministry of Science and Technology</li> <li>- Technical assessor – Bureau of Accreditation (BoA) - Ministry of Science and Technology</li> <li>- Beginner of Political Theory - Center for fostering politics in District 3 - Ho Chi Minh City</li> <li>- State management of the Professional Program - Ho Chi Minh City State Cadres Academy.</li> </ul>
<b>6. Membership in professional organizations</b>
<ul style="list-style-type: none"> <li>- Chemistry Association - Union of Science and Technology Associations of Ho Chi Minh City.</li> <li>- Alumni Association of PhuTho-Polytechnic University</li> </ul>
<b>7. Honors and awards</b>
<ul style="list-style-type: none"> <li>- Title “Chiến sĩ thi đua “ from 2008 to 2016 - Laboratory Analysis Service Center - Department of Science &amp; Technology - Ho Chi Minh City.</li> </ul>
<b>8. Service activities</b>
<p>Teaching:</p> <ul style="list-style-type: none"> <li>- Food analysis</li> <li>- Scientific research methods</li> <li>- Analysis and assessment of agriculture</li> <li>- Food quality management</li> <li>- Food Laws and Regulations</li> <li>- Graduation thesis in Food quality assurance</li> </ul> <p>Scientific research:</p> <ul style="list-style-type: none"> <li>- Guiding students in scientific research;</li> <li>- Join scientific research groups of Faculty of Food Engineering &amp; Environmental</li> </ul> <p>Business Relations:</p> <ul style="list-style-type: none"> <li>- Organize activities: study, visiting, practise, research at enterprises for students. References for graduate students such as:</li> <li>- Organize and support the Faculty management in contacting, caring and making relationship with businesses</li> </ul>
<b>9. Areas of research</b>
<p>Develop analytical methods for quality management in food, industrial products, environment, pharmaceutical, cosmetic, biomedical</p>
<b>10. Publications, presentations, creative works</b>
<p><b>International Publications:</b></p> <ul style="list-style-type: none"> <li>- Vu thi Kim Ngoc, Pham Van Huong, Vu HT, Thanh Le T, Phan TH (2015), “Studies of colorectal cancer by nuclear magnetic resonance spectroscopy”, International Journal of Magnetism &amp; Nuclear Science 1(1), pp. 1-5.</li> <li>- Vu thi Kim Ngoc, Le Thanh Tu, Phan Thanh Hai, Pham Van Huong (2016), “Colorectal cancer Screening By Using Urine NMR Spectra”, MalaysianJournal of Chemistry 18(1), pp. 37-45.</li> <li>- Vu thi Kim Ngoc (2004), Characterization of the Cholesterol Recognition Amino Acid Consensus Sequence of the Peripheral-Type Benzodiazepine Receptor; Molecular Endocrinology 19(3): 588-594</li> </ul>

**National Publications:**

- Vũ thị Kim Ngọc, Nguyễn Tiến Tài, (2015), Studies of colorectal cancer by using Multivariate Statistical Testing model based on urinary NMR data, The Vietnam Chemistry Journal
- Book: Magnetic Resonance Spectrum (MRS) ; (2007) , Medical Press - Vietnam

**Presentations in International conferences:**

- Vũ thị Kim Ngọc (2015), Colorectal cancer Screening By Using Urine NMR Spectra, Báo cáo tại The 2nd gene and Innunotherapy Conference
- Vũ thị Kim Ngọc (2014), Using 1H NMR Spectra For Colorectal cancer Screening, The Vietnam–Malaysia International Chemical Congress

**Presentations in National conferences**

- Vũ thị Kim Ngọc, V.H.Thái, L.T.Tu, P.T.Hải (2014), “Additionnal Information To optical Spectroscopic Data on Cancer Researches With Nuclear Magnetic Resonance Spectroscopy” - The 8th International Conference on Photonics and Application.
- Vũ thị Kim Ngọc (2008); Using 2D-NMR spectra to study structure of the Peripheral-Type Benzodiazepine Receptor; The Chemistry Conference - HCMC, Vietnam

**11. Professional development activities**

- Training courses on seafood quality management, organized by the Vietnam Association of Seafood Exporters and Producers (VASEP), from 2009-2015
- Training courses on quality management of agricultural and fishery products, organized by the Agro-Forestry-Fisheries Quality Management Department - Ministry of Agriculture and Rural Development, from 2009-2015
- Training courses on quality management according to ISO 9001, 17025, 22000, organized by Bureau of Accreditation (BoA) - Ministry of Science and Technology, from 2009-2015
- Participate in conferences, seminars, and reports on scientific research in the field of biomedicine

**12. Teaching competence**

- Accomplish teaching tasks, improve teaching methods to get efficiency and interest for students.
- Participate in the development of new course programs and outlines
- Teaching subjects on Food Quality Management and Analytical methods in Food