

Phuong Thi Kieu Nguyen

Center for Innovative Materials and Architectures (INOMAR),
Vietnam National University – Ho Chi Minh City (VNUHCM),
Quarter 6, Linh Trung Ward, Thu Duc District, Ho Chi Minh City
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EDUCATION:

Bachelor of Science – Honor program, Chemistry: May 2011

University of Science, Vietnam National University – Ho Chi Minh City
Adviser: Dr. Ton That Quang, Ass. Prof. Nguyen Thai Hoang

RESEARCH AND TEACHING EMPLOYMENT:

MANAR student **11/2011–present**

Interests: Synthesis of new MOFs for selective CO₂ adsorption & conversion

Undergraduate student in Organic Chemistry **01/2011 – 11/2011**

Applied physical chemistry lab, Faculty of physical chemistry, University of Science, Vietnam national university – Ho Chi Minh City

Interests: “Synthesis of MOF from azobenzene and zinc nitrate”

POSTER PRESENTATIONS:

1. **Nguyen Thi Kieu Phuong**; Nguyen Thai Hoang, *Synthesis investigation of quantum dot CdSe embedded into Metal Organic Framework MIL-101 material oriented for photocatalyst application*. Presented at the **4th International Workshop on Nanotechnology and Application - IWNA 2013**, Vung Tau City, Vietnam, 2013.

ORAL PRESENTATIONS:

1. **Phuong T.K. Nguyen**, Huong T.D. Nguyen, Kyle E. Cordova, The International Workshop on Nanoscience and Nanotechnology, 2-4 November 2015 – Da Nang, Vietnam.
2. **Phuong T.K. Nguyen**, Hoang T. Nguyen, Hai V. Le, The International Workshop on Nanoscience and Nanotechnology, 2-4 November 2015 – Da Nang, Vietnam.
3. **Phuong T.K. Nguyen**, Huong T.D. Nguyen, Kyle E. Cordova, Hiroyasu Furukawa, **9th Vietnam National Conference of Solid Physics and Materials Science – SPMS**, 8-10 November 2015, HCM City, Vietnam.

PUBLICATIONS:

1. **P. T. K. Nguyen**, H. T. D. Nguyen, H. Q. Pham, J. Kim, K. E. Cordova, H. Furukawa, *Inorg. Chem.*, **2015**, *54*, 10065.

FELLOWSHIPS AND AWARDS:

Second prize in “Students do research” award, University of Science, Ho Chi Minh City (2011)

Certificate of Ranking 4th in “Talent of Young Scientist” award, Vietnam Ministry of Education and Training (2011)

Certificate of Ranking 4th in “Students do research” award, Ho Chi Minh Communist Youth Union - Ho Chi Minh City Committee (2011)

Scholarship of “Creation of innovation”, Ho Chi Minh Communist Youth Union - Ho Chi Minh City Committee (2011)

Scholarship of Honor Program in Chemistry, University of Science, Ho Chi Minh City (2007 – 2011)

OTHER CERTIFICATIONS:

Honor Code Certificate: College Writing 2.1x: Principles of Written English, BerkeleyX, an online learning initiative of The University of California, Berkeley through edX (2013).

Honor Code Certificate: College Writing 2.2x: Principles of Written English, BerkeleyX, an online learning initiative of The University of California, Berkeley through edX (2014).

PROFESSIONAL SOCIETIES:

Ho Chi Minh City Chemical Society

LANGUAGE PROFICIENCY:

- Native Vietnamese Speaker
- Intermediate English Speaker

CHEMISTRY INSTRUMENTATION EXPERTISE:

Single + Powder X-ray Diffraction
FT-IR, TGA, Nova, 3Flex & Autosorb iQ (gas adsorption)
Breakthrough measurement
Solvent purification system
Supercritical CO₂ dryer
Air-Free techniques including Glovebox + Schlenk Line