Huong Nguyen-Thi Diem

University of Science, Ho Chi Minh City, Vietnam
Address: 504/40A Kinh Duong Vuong Street, An Lac A Ward, Binh Tan District, HCM City
Phone: +84 1224175528, email: ntdhuong@hcmus.edu.vn

EDUCATION:

Bachelor of Science in Chemistry: September 2010
University of Science, Ho Chi Minh City
Adviser: Dr. Ho Thi Cam Hoai

RESEARCH AND TEACHING EMPLOYMENT:

PhD. Student **09/2011 – Present**
Center for Molecular and Nanoarchitecture (MANAR), Vietnam National University, Ho Chi Minh City (VNU-HCM), Vietnam.
Duties: PhD. training

Teaching assistant **11/2010 – Present**
University of Science, Ho Chi Minh City, Vietnam
Duties: Teaching and tutoring

Undergraduate student **03/2009 – 07/2009**
Physical Organic Chemistry Lab, University of Science, Ho Chi Minh City, Vietnam
Duties: Undergraduate Honors Thesis, Investigation on the bioactivities and chemical contituents of a VietNamese medicinal plant Vang Se *(Jasminum Subtriplinerve* Blume.*)*

RESEARCH PUBLICATIONS IN PEER REVIEWED JOURNALS:

1. N. T. Nguyen, T. N. Lo, J. Kim, **H. T. D. Nguyen**, T. B. Le, K. E. Cordova, H. Furukawa, Mixed-Metal Zeolitic Imidazolate Frameworks and Their Selective Capture of Wet Carbon Dioxide over Methane, *Inorg Chem,* **2016**, 55(12), 6201-7.
2. P. T. K. Nguyen, **H. T. D. Nguyen**, H. Q. Pham, J. Kim, K. E. Cordova, H. Furukawa, Synthesis and Selective CO2 Capture Properties of a Series of Hexatopic Linker–Based Metal-Organic Frameworks, *Inorg. Chem*., **2015**, 54 (20), 10065–10072.
3. Nguyen Thi Diem Huong, Bui Dang Thien Huong, Ho Thi Cam Hoai, Nguyen Thi Thanh Mai. Antioxidative activities and chemical constituents of the ethyl acetate extract from *Polygonum Tomentosum* Willd., Science and Technology Development, 18, **2013**, 86 – 93.
4. Nguyen Thi Diem Huong, Phan Hong Son, Bui Dang Thien Huong, Ho Thi Cam Hoai, Nguyen Thi Thanh Mai. Bioactivities and chemical constitents of a Vietnamese medicinal plant Vang Se (*Jasminium Subtriplinerve* Blume)., Science & Technology Development, 15(3), **2012**, 37-44 **.**

ORAL PRESENTATIONS:

1. **10th scientific conference 2010, University of Science-Vietnam National University of – Hochiminh City,** Novel hexatopic linker-based metal-organic frameworks for CO_2 separation.
2. **Conférence scientifique Franco-Vietnamienne de "Chimie et Matériaux Avancés pour Environnement" – CMAE 2015 – Hanoi.,** *Synthesis of Novel Metal Organic Frameworks for Carbon Dioxide Separation.*
3. **8th scientific conference 2012, University of Science-Vietnam National University of – Hochiminh City,** *Investigation synthesis conditions of metal organic frameworks from 5,5'-(1,3,6,8-tetraoxobenzo [IMM] [3,8] phenanthroline -2-7-diyl)bis-1,3-benzendicarboxylic acid and zinc nitrate, copper (II) nitrate.*
4. **7th scientific conference 2010, University of Science-Vietnam National University of – Hochiminh City,** *Study on the antioxidative activities and chemical constituents of the ethyl acetate extract from a Vietnamese medicinal plant Vang Se* (*Jasminium Subtriplinerve* Blume).

Tan Le-Hoang Doan
tandoan@manar.edu.vn

FELLOWSHIPS AND AWARDS:

Scholarship of People's Committee of Binh Tan District, Hochiminh City (2003-2010)
Scholarship of excellent student, University of Science, Hochiminh City (2006 – 2010)
Scholarship of Honor Program in Chemistry, University of Science, Hochiminh City (2006 – 2010)

TEACHING RECORD:

General Chemistry A2 (HOH002)	9/2010 - present
General Chemistry B Laboratory (HOH081)	9/2010 - present
General Chemistry A Laboratory (HOH080)	9/2010 - present
Physical Chemistry I Laboratory (HOH125)	9/2010 - present
Physical Chemistry II Laboratory (HOH126)	9/2010 - present

PROFESSIONAL SOCIETIES:

Ho Chi Minh City Chemical Society

LANGUAGE PROFICIENCY:

-Native Vietnamese Speaker
-Intermediate English Speaker

CHEMISTRY INSTRUMENTATION EXPERTISE:

Single + Powder X-ray Diffraction
Gravimetric and Volumetric Gas Adsorption
Breakthrough measurement
GC-MS, FT-IR, UV-VIS, TGA
Supercritical CO_2 dryer
Air-Free techniques including Glovebox + Schlenk Line