

# Jimmy Tam Huy Pham

## CONTACT INFORMATION

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## EDUCATION

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**MIDWESTERN UNIVERSITY – GLENDALE, ARIZONA** (candidate)  
*Doctor of Osteopathic Medicine*

**MIDWESTERN UNIVERSITY – GLENDALE, ARIZONA** 2010  
*Master of Arts, Biomedical Sciences*

**CALIFORNIA STATE UNIVERSITY – LONG BEACH, CALIFORNIA** 2009  
*Master of Science, Health Science*

**CALIFORNIA STATE UNIVERSITY – LONG BEACH, CALIFORNIA** 2007  
*Bachelor of Science, Biochemistry*

**CALIFORNIA STATE UNIVERSITY – LONG BEACH, CALIFORNIA** 2007  
*Bachelor of Arts, Chemistry*

## RESEARCH & WORK EXPERIENCE

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**MIDWESTERN UNIVERSITY – GLENDALE, ARIZONA** 2011 - Current  
*Graduate Student Researcher*, College of Pharmacy  
Advisor: Tamer Elbayoumi, Ph.D., Department of Pharmaceutical Sciences  
Research: nano-emulsions as delivery method for drug-target therapy.

**CALIFORNIA STATE UNIVERSITY – LONG BEACH, CALIFORNIA** 2007 - 2009  
*Graduate Research Assistant*, Department of Chemistry & Biochemistry  
Advisor: Michael P. Myers, Ph.D., Department of Chemistry and Biochemistry  
Research: description and characterization of potassium (Maxi-K) ion channels.

**VETERANS AFFAIRS MEDICAL CENTER** 2007 – 2009  
*Research Assistant*, Department of Diagnostic and Molecular Medicine  
Advisor: Martin R. Jadus, Ph.D., Senior Researcher  
Research: conduct experiment to explore the connections in immunology and mammalian cancers.

**CALIFORNIA STATE UNIVERSITY – LONG BEACH, CALIFORNIA** 2007 - 2008  
*Laboratory Assistant*, Department of Chemistry and Biochemistry  
Research: conduct biochemical, biophysical, molecular studies of glioma

**CALIFORNIA STATE UNIVERSITY – LONG BEACH, CALIFORNIA** 2006 - 2007  
*Student Research Assistant*, Department of Chemistry and Biochemistry  
Advisor: Xianhui Bu, Ph.D., Associate Professor, Inorganic Chemistry

Research: hydrothermal synthesis and X-ray crystallography characterization of metallic-organic frameworks (MOF) and coordination polymers

ST. JOSEPH HOSPITAL – ORANGE, CALIFORNIA

2001 - 2005

**Biomedical Technician**, Department of Clinical Engineering

Duties: maintenance, safety performance and inspection of biomedical equipments, cross-training colleagues and hospital staffs in medical equipment operations.

## PUBLICATIONS

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### Book Chapter

- ❖ Jadus MR, Driggers L, Hoa N, **Pham JTH**, Natividad J, Delgado C, Jeffees EWB, Limoli C, Giedzinski E, Ge L. Mechanisms of Immune Evasion Exhibited by Different Rat Glioma Cell Lines. In “Neuro-Oncology and Cancer Targeted Therapy”, edited by Lucía M. Gutiérrez, *Nova Science Publishers, 2010, ISBN 9781616687083*

### Peer-reviewed Articles

#### 2013

- ❖ **Pham J**, Brownlow B, Elbayoumi T. Mitochondria-specific nanocarriers of genistein. 2013 (in submission)
- ❖ **Pham J**, Brownlow B, Elbayoumi T. Mitochondria-specific pro-apoptotic activity of genistein lipidic nanocarriers. *Mol Pharm.* 2013 (in print)

#### 2010

- ❖ Hoa N, Ge L, Kuznetsov Y, McPherson A, Cornforth AN, **Pham JHT**, Myers MP, Ahmed N, Salsman VS, Lamb LS Jr, Bowersock JE, Hu Y, Zhou YH, Jadus MR. Glioma cells display complex cell surface topographies that resist the actions of cytolytic effector lymphocytes *J Immunol.* 2010 Oct 15;185(8):4793-803

#### 2009

- ❖ Ge L, Zhang JG, Samanathrum CA, Delgado C, Tarbiyat-Boldaji M, Dan Q, Hoa N, Nguyen TV, Alipanah R, **Pham JTH**, Sanchez R, Wepsic HT, Morgan TR, Jadus MR. Cytotoxic T cell immunity against the non-immunogenic murine hepatocellular carcinoma Hepa1-6 is directed towards the novel alternative form of macrophage colony stimulating factor. *Cell Immunol.* 2009;259(2):117-27
- ❖ Hoa N, Myers MP, Douglass TG, Zhang JG, Delgado C, Driggers L, Callahan LL, VanDeusen G, **Pham JTH**, Bhakta N, Ge L, Jadus MR. Molecular mechanisms of paraptosis induction: implications for a non-genetic modified tumor vaccine. *PLoS ONE.* 2009;4(2):e4631
- ❖ Brown AC, Shah C, Liu J, **Pham JTH**, Zhang JG, Jadus MR. Ginger's (*Zingiber officinale* Roscoe) Inhibition of Rat Colonic Adenocarcinoma Cells Proliferation and Angiogenesis In Vitro. *Phytotherapy Research,* 2009 May;23(5):640-5

#### 2008

- ❖ Zhang J, Chew E, Chen S, **Pham JTH**, Bu X. Three-Dimensional Homochiral Transition-Metal Camphorate Architectures Directed by Flexible Auxiliary Ligand. *Inorg. Chem.* 2008 May 5;47(9):3495-7

## PRESENTATIONS & ABSTRACTS

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- ❖ **Pham JTH**, Brownlow B, Elbayoumi T. "Novel Genistein-Loaded Lipidic Nanocarrier Adjuvants Enhance Anticancer Efficacy and Overcome Cancer Resistance to Chemotherapy." Osteopathic Medical Conference and Exposition, Mandalay Bay Hotel, Las Vegas, Nevada, Oct 01, 2013

- ❖ **Pham JTH**, Walters J, Brownlow B, Elbayoumi T. "Mitochondria-specific Lipidic Nanocarriers of Genistein." Kenneth A Suarez Research Day, Midwestern University, Glendale, Arizona, *May 24, 2013*
- ❖ **Pham JTH**, Phan V, Brownlow B, Elbayoumi T. "Lipidic Nanocarriers to Enhance Anticancer Pro-apoptotic Activity of Genistein." Arizona Osteopathic Medical Association, Phoenix, Glendale, Arizona, *April 18, 2013*
- ❖ **Pham JTH**, Phan V, Elbayoumi T. "Lipidic Nanocarriers to Enhance Anticancer Pro-apoptotic Activity of Genistein." College of Pharmacy, Midwestern University, Glendale, Arizona, *Nov 16, 2012*
- ❖ **Pham JTH**, Phan V, Elbayoumi T. "Genistein-Loaded Lipidic Nanocarrier Adjuvants Enhance Anticancer Pro-apoptotic Efficacy and Overcome Cancer Resistance to Chemotherapy." American College of Physicians Annual Conference, Midwestern University, Glendale, Arizona, *August 30, 2012*
- ❖ **Pham JTH**, Phan V, Elbayoumi T. "Nanoemulsion as Pharmacological Delivery Method." Kenneth A. Suarez Research Day, Midwestern University, Glendale, Arizona, *April 16, 2012*
- ❖ **Pham JTH**, Gochez O. "Parkinson's Disease." Kenneth A. Suarez Research Day, Midwestern University, Glendale, Arizona, *April 14, 2010*
- ❖ **Pham JTH**, Myers MP. "Ion Channel in Stem Cells." California State University, Long Beach, California, *May 26, 2009*

## **JOURNALISTIC / LITERARY ACTIVITIES**

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### **ARTICLES**

Columnist, *in-Training.org*

### **POETRY**

- ❖ **Pham JTH**, "No Place Like HOME [poem]. *J Am Osteopath Assoc.*, 2014 (in print)
- ❖ **Pham JTH**, "Reflection in the Water Pool [poem]. *J Am Osteopath Assoc.*, 2013;113(6):496

## **EDITORIAL / REVIEWER ACTIVITIES**

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### **EDITORIAL BOARD (ACTIVE)**

Editor, **WebmedCentral.com**

Editor, **Science Research**, Science Publishing Group

Section Editor, **in-Training.org**

Student Liaison, **Osteopathic Family Physician**, American College of Osteopathic Family Physicians

**International Journal of Medical Students**

### **JOURNAL REVIEWER (ACTIVE)**

**Osteopathic Family Physician**, American College of Osteopathic Family Physicians (ACOFPP)

**Journal of Behavioral Health & Research**, National Council for Community Behavioral Healthcare (NCCBH)

**Global Journal of Medicine & Public Health**

## **AWARDS**

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Student Research Poster Forum Winner – awarded by Arizona Osteopathic Medical Associations (AOMA) **2013**

TOUCH\* Platinum Award – awarded by American Association of Colleges of Osteopathic Medicine (AACOM) **2013**

*\*Translating Osteopathic Understanding through Community Health (TOUCH) is a program that encourages osteopathic medical student involvement in community service activities. Awarded to one recipient per year*

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## FOUNDED ORGANIZATIONS

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**A BETTER TOMORROW FOUNDATION, PHOENIX, ARIZONA** **2013**  
*Founder & Executive Director*

A non-profit organization that provides, supports and conducts local and international activities to improve the quality of human living condition through education, research, humanitarian, and medical services

**JOURNAL OF SCHOLARS IN MEDICINE (JOS MEDICINE / ISSN: 2328-5796)** **2013**  
*Founder & Co-Editor-in-Chief*

A peer-reviewed, open-access journal that serves as a platform for scientific and professional communication among students, interns, residents, and scholars in medicine

## COMMUNITY INVOLVEMENT

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### International Medical Missions

**PERUVIAN-AMERICAN MEDICAL SOCIETY** **Aug, 2012**  
Participate in a 2-week mission to rural Incas populations of Huancavelica, Peru

**DOCARE INTERNATIONAL** **Jun, 2012**  
Provide medical care and ancillary work to rural Mayan populations surrounding Antigua, Guatemala

### Underserved Populations & Homeless Shelters

**ST VINCENT DE PAUL, PHOENIX, ARIZONA** **2013 - present**  
Provided English-Vietnamese translation to Vietnamese patients

**CULTURAL CUP FOOD BANK FREE CLINIC, PHOENIX, ARIZONA** **2013 - present**  
Provided medical examinations for low-income, uninsured patients

**INTERFAITH WORKER JUSTICE CLINIC, PHOENIX, ARIZONA** **2013 - Current**  
Provided medical examinations for low-income, uninsured patients

**HEALTH OUTREACH THROUGH MEDICAL EDUCATION (H.O.M.E.), PHOENIX, ARIZONA** **2011 - Current**  
Provide medical examinations at three different sites: UMOM, Central Arizona Shelter Site, and Watkins

**TEAM OF PHYSICIANS FOR STUDENTS (T.O.P.S.), PHOENIX, ARIZONA** **2012 - Current**  
Provide yearly physical examinations to high school students at different sites throughout Southern Arizona

### Medical Offices & Hospitals

**COMMUNITY MEDICAL CLINIC OF WILLIAM NGO, DO, GARDEN GROVE, CALIFORNIA** **2008 - 2009**  
8342 Garden Grove Blvd Suite 5, Garden Grove CA 92844 | (714) 590-4899  
Duties: assess patient's vital signs, verify ICD codes, file medical records, and coordinate patients' appointment schedule

**ST. JOSEPH HOSPITAL – ORANGE, CALIFORNIA** **2005 - 2008**  
Departments of Surgical Preparation Unit, Post-Anesthesia Care Unit (Outpatient Care and Main Care)  
Duties: assist nurses in surgery preparations and in patients' surgical recovery

### Other Non-Profit Organizations & Community Involvement

**CUTS FOR KIDS, PHOENIX, ARIZONA** **2013 - present**  
*Volunteer*

**ROCK 'N' ROLL MARATHON SERIES, PHOENIX, ARIZONA** **2013 - present**  
Duties: medical emergency team responder

<b>NATIONAL COLLEGE STUDENT MENTOR PROGRAM</b> <i>Mentor</i>	<b>2012 - present</b>
<b>ST MARY'S FOOD BANK ALLIANCE, PHOENIX, ARIZONA</b> 2831 N 31st Ave Phoenix   (602) 242-3663	<b>2012 - current</b>
<b>CITYSERVE ARIZONA'S HOPEFEST, PHOENIX, ARIZONA</b> 1 North 1st Street, Suite 700, Phoenix, Arizona 85004   (602) 385-0777 <u>Duties:</u> provide medical examinations	<b>2012 - current</b>
<b>HABITAT FOR HUMANITY, PHOENIX, ARIZONA</b> <u>Duties:</u> building homes for low-income families	<b>2012</b>
<b>ORANGE COUNTY ASIAN &amp; PACIFIC ISLANDER COMMUNITY ALLIANCE, GARDEN GROVE, CALIFORNIA</b> <i>Advisor, Afterschool Program Mentor &amp; Academic Program</i> <u>Duties:</u> Tutoring high school students in general sciences & monitoring youths during scholar activities	<b>2008-2009</b>

### LEADERSHIP POSITIONS

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2013-current	<i>Publications Committee</i> , Peruvian American Medical Society (PAMS)
2013-current	<i>Publications Committee</i> , American Academy of Emergency Medicine
2013-current	<i>Publications Committee</i> , Student National Medical Association
2013-current	<i>Membership Drive Committee</i> , American Osteopathic College of Occupational & Preventive Medicine (AOCOPM)
2012-current	<i>Vice President &amp; Activity Coordinator</i> , DOCARE-AZCOM, Midwestern University, Arizona
2010-2011	<i>Mentor</i> , Ambassador Club, Midwestern University, Arizona
2010-2011	<i>Treasurer</i> , Ambassador Club, Midwestern University, Arizona
1995-2000	Boy Scout of America, Highest Rank: <i>Explorer</i>

### PROFESSIONAL AFFILIATIONS

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2013-present	Arizona Medical Association (AzMA)
2012-present	The American College of Physician (APC#: 01790181)
2012-present	DOCARE International
2011-present	Japanese Medical Society of America
2010-present	American Osteopathic Association (AOA#: 197416)
2010-present	Arizona Osteopathic Medical Association
2010-present	Student Osteopathic Medical Association (SOMA)
2009-present	Charter Member, National Language Service Corps
2007-2010	American Chemistry Society (ACS)
2007-2010	American Physiology Society
2007-2010	American Society for Cell Biology

### LABORATORY SKILLS

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- Cell culturing (mammalians & human umbilical cord stem cells)
- Murine organ harvesting
- Molecular and biological protocols (Southern, Western, Northern, etc.)
- Immunofluorescence assays (direct & indirect)
- Flow cytometry
- Patch-clamping
- X-ray crystallography
- Cell-proliferation protocols

## **LANGUAGES**

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- English      fluent, full professional level
- Vietnamese    native, full professional level
- Spanish       conversational level