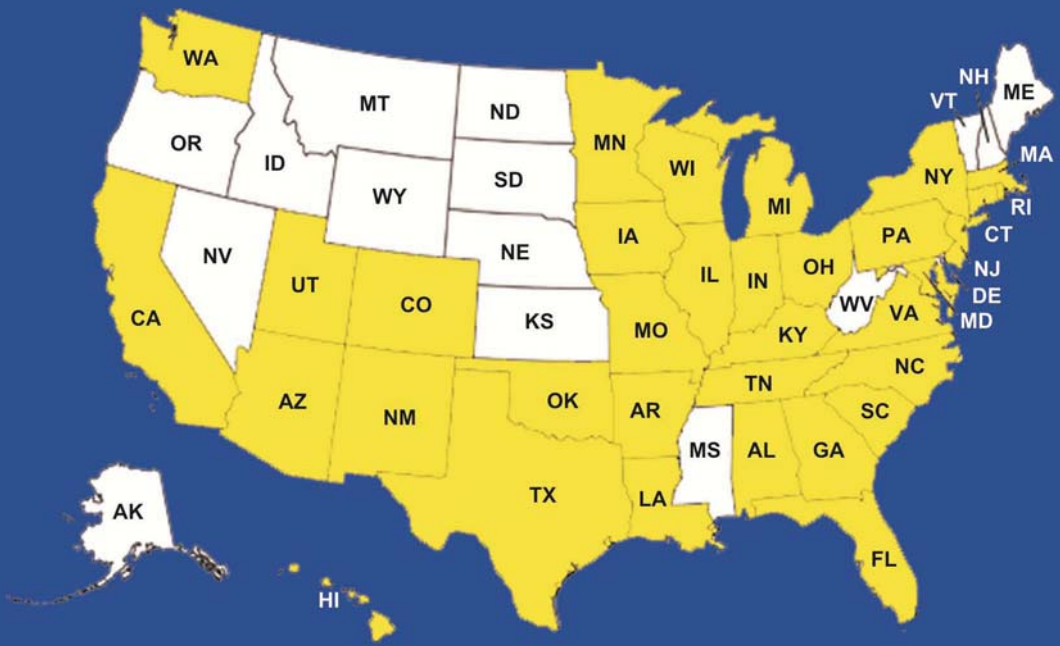
VIETNAM EDUCATION FOUNDATION

2011

VEF Fellows, Scholars, and Alumni

Achievements and Directory



The states of VEF grantees

TABLE OF CONTENTS

PREFACE

Every year the Vietnam Education Foundation (VEF) has published a directory with information about all current VEF Fellows, Visiting Scholars, and U.S. Faculty Scholars as well as VEF Alumni. To celebrate the 15th anniversary of the establishment of diplomatic relations between Vietnam and the United States this year and to recognize the achievements of our exchange program participants during our 2nd VEF Alumni Conference in August 2010, VEF issued a special publication about the professional achievements of all its grantees. The publication was well-received not only by our Alumni, but also by Vietnamese and U.S. agencies and organizations, including the U.S. Embassy, Vietnamese Ministry of Education and Training, Vietnamese Ministry of Science and Technology, and Vietnamese Ministry of Foreign Affairs.

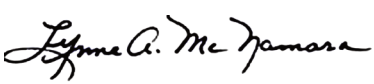
As a way to acknowledge the success of our VEF Fellows, Visiting Scholars, U.S. Faculty Scholars, and Alumni, we are pleased to present the first annual publication that combines both the achievements and the annual VEF directory, entitled: **2011 VEF Fellows, Scholars, and Alumni: Achievements and Directory**. There could not be a better success indicator for VEF than the professional achievements of its Fellows, Scholars, and Alumni. We are extremely proud of their accomplishments, including their publications, presentations, awards, and other means of recognition. I am confident that this publication will serve as a bridge of cooperation within the VEF community and between VEF grantees and interested external parties.

To explain some details about this publication, the Vietnamese program participants are presented herein with their names in Vietnamese order, listed alphabetically first by Last (family) name, then Middle name(s), and finally First (given) name. Their name in English order is given in parentheses with their First (given) name, followed by the Middle name(s), and then the Last (family) name. In both the Vietnamese and English order, the Last (family) name is in capital/upper case letters. Names of the U.S. Faculty Scholar program participants appear in English order. In each grantee's section, only publications and awards earned during and resulting from their tenure with VEF are listed. The VEF grantees' list of achievements will vary; of particular note, newer grantees may not have had the opportunity to publish or achieve recognition as the more senior grantees and Alumni have. As VEF respects the privacy of its Fellows, Scholars, and Alumni, only information provided by our grantees is published herein.

We especially wish to thank Dr. Margaret (Peggy) Petrochenkov of the U.S. National Academies for her final editing and proofreading of this publication. VEF also appreciates the valuable time that all grantees have taken to provide us with details regarding their achievements.

I would like to take this opportunity to wish all of you a very **Happy New Year 2011**, the year of the Rabbit!

Sincerely,



Lynne McNamara, Ph.D.

Executive Director

ABBREVIATIONS

DMD: Doctor of Dental Medicine
DPH: Doctor of Public Health
MEM: Master of Environmental Management
MPH: Master of Public Health
MS: Master of Science
PhD: Doctor of Philosophy

OVERVIEW OF VEF FELLOWS, VISITING SCHOLARS, U.S. FACULTY SCHOLARS

Summary of VEF Fellows: Cohorts 2003 – 2010

As of Fall 2010, the Vietnam Education Foundation (VEF) has placed 341 Fellows in graduate programs at 76 top-tier U.S. universities. 120 have already graduated, and 218 continue to pursue their programs in the United States.

Of the 218 Fellows enrolled in U.S. universities:

- 96% are pursuing doctoral degrees and 4% are pursuing a master's degree.
- 70% are male and 30% female.
- 59% are pursing degrees in the sciences and 41% in engineering.

Of the 120 graduates:

- 70 have been awarded doctoral degrees and 50 have received master's degrees.
- 32 are continuing to pursue training programs in the United States through Academic Training (AT) under VEF visa sponsorship.
- 70 have returned to Vietnam:
  - ✓ 25 are working in the corporate sector.
  - ✓ 27 have positions in the academic sector.
  - ✓ 7 are working in the development sector.
  - ✓ 2 are heading their own private companies.
  - ✓ 9 have just returned to Vietnam or are working as freelancers.
- 8 are continuing on doctoral or master's degree programs in the United States through other sources of funding or are in the United States as J-2 dependents.
- 10 are working overseas in the following countries: Albania, Australia, Canada, England, France, the Netherlands, and the United States.

Summary of VEF Visiting Scholars: Cohorts 2007 – 2010

As of Fall 2010, VEF has awarded grants to 29 Visiting Scholars in fields supported by VEF. Visiting Scholars, many of whom serve as university instructors or researchers at research institutes in Vietnam, participate in self-designed professional development programs at leading U.S. universities or research institutions for a period of five months to one year.

The 2007, 2008, 2009 cohorts consist of a total of 26 Visiting Scholars, of whom 24 have completed their post-doctoral training in the United States and have already returned to Vietnam.

The 2010 cohort consists of 3 Visiting Scholars, who are expected to finish their postdoctoral programs in the United States by September 2011.

Summary of VEF U.S. Faculty Scholars: Cohorts 2008 – 2010

The U.S. Faculty Scholar Program provides grants to American professors to teach courses in English for one or two semesters at Vietnamese universities either on-site in Vietnam or by interactive real-time videoconferencing from the United States.VEF serves as the organizer and co-sponsor for the project, together with the Vietnamese host institutions and the cooperating U.S. institutions.

Twelve (12) American professors have participated in the U.S. Faculty Scholar Program since its inception in 2008. Seven (7) have completed their teaching programs, and five (5) are engaged in teaching programs during the present Academic Year 2010-2011.

Full Name: AN Thị Hồng Thúy (Thuy Thi Hong AN)

Cohort Year: 2010

Degree: PhD

Subject: Environmental Science

University: Indiana University

Email: ttan@indiana.edu

Full Name: BÙI Duy Bách (Bach Duy BUI)

Cohort Year: 2005

Degree: PhD

Subject: Computer Science

University: University of Illinois at Urbana – Champaign

Email: bui.duybach@gmail.com

PUBLICATIONS

Conference Papers

Bui, Bach D., Rodolfo Pellizzoni, and Deepti K. Chivukula. 2010. Real-time scheduling on multi-domain ring buses. In *the 14th IEEE International Conference on Embedded and Real-Time Computing Systems and Applications*, 23-34. IEEE.

Bui, Bach D., Rodolfo Pellizzoni, Deepti K. Chivukula, and Marco Caccamo. 2010. Real-time communication for multi-core systems with multi-domain ring buses. In *Proceedings of the 16th IEEE International Conference on Embedded and Real-Time Computing Systems and Applications*, 121-31. Macau, China: IEEE.

Wu, Wanmin, Raoul Rivas, Ahsan Arefin, Shu Shi, Renata M. Sheppard, Bach D. Bui, and Klara Nahrstedt. 2009. MobileTI: A portable tele-immersive system. In *Proceedings of the 17th ACM International Conference on Multimedia*, 877-80. Beijing, China: ACM.

Pellizzoni, Rodolfo, Bach D. Bui, and Marco Caccamo. 2008. Coscheduling of CPU and I/O transactions in COTS-based embedded systems. In *Proceedings of the 29th IEEE Real-Time Systems Symposium*, 221-31. Barcelona, Spain: IEEE.

Bui, Bach D., Marco Caccamo, Lui Sha, and Joseph Martinez. 2008. Impact of cache partitioning on multi-tasking real-time embedded systems. In *Proceedings of the 2008 14th IEEE International Conference on Embedded and Real-Time Computing Systems and Applications*, 101-10. Kaoshung, Taiwan: IEEE.

Bui, Bach D., Rodolfo Pellizzoni, Marco Caccamo, Chin F. Cheah, and Andrew Tzakis. 2007. Soft real-time chains for multi-hop wireless ad-hoc networks. In *Proceedings of the IEEE Real-time and Embedded Technology and Applications Symposium,* 69-80. Bellevue, WA, United States: IEEE.

Bhandari, Vartika, Vivek Raghunathan, Bach Duy Bui, and Marco Caccamo. 2007. Real-time implications of multiple transmission rates in wireless networks. In *Proceedings of the 13th Annual ACM International Conference on Mobile Computing and Networking,* 314-17. Montréal, Québec, Canada: ACM.

AWARDS

Best Paper Award, awarded by the organizers of the 14th IEEE International Conference on Embedded and Real-Time Computing Systems and Applications, September 08, 2008.

Full Name: BÙI Kiên Cường (Cuong Kien BUI)
Cohort Year: 2006
Degree: PhD
Subject: Computer Science
University: University of Iowa
Email: cuongbuikien@gmail.com

Full Name: BÙI Nguyên Đại (Dai Nguyen BUI)
Cohort Year: 2007
Degree: PhD
Subject: Electrical Engineering and Computer Sciences
University: University of California at Berkeley
Email: daib@eecs.berkeley.edu

Full Name: BÙI Quang Vinh (Vinh Quang BUI)
Cohort Year: 2006
Degree: PhD
Subject: Biological and Biomedical Sciences
University: Emory University
Email: buiquangv@yahoo.com

PUBLICATIONS

Conference Papers

Bui, V. Q., U. Ramakrishnan, A. D. Stein, R. C. Flores-Ayala, S. Villalpando, R. Martorell, and A. M. DiGirolamo. 2010. Experimental Biology 2010. In *C-reactive protein exclusion cutoffs and serum ZINC, ferritin, and copper status in children: A cross sectional study among 6-11 year healthy school children in Guatemala*, 90. Bethesda, MD, United States: Federation of American Societies for Experimental Biology.

Conference Presentations

Bui, V. Q., Jessica Marcinkevage, Aryeh D. Stein, Ann M. DiGirolamo, Usha Ramakrishnan, Rafael C. Flores-Ayala, Manuel Ramirez-Zea, Salvador Villalpando, and Reynaldo Martorell. 2010. Associations among zinc-related indicators at individual level in healthy school-aged children in Guatemala. Presentation at the Annual DSAC Student Research Symposium, Emory University, Atlanta, GA, United States.

Bui, V. Q., A. M. DiGirolamo, A. D. Stein, U. Ramakrishnan, M. Ramirez-Zea, R. C. Flores-Ayala, and R. Martorell. 2009. No effect of 6-month ZINC supplementation on anthropometric measures in 6-11 year old urban school children in Guatemala. Presentation at Experimental Biology, New Orleans, LA, United States.

Bui, V. Q., and V. Narayan. 2009. Waist-height ratio is the best anthropometric for screening type-2 diabetes mellitus in Asian adult populations: A meta-analysis of cross sectional studies. Presentation at the 7th Annual DSAC Student Research Symposium Emory University, Atlanta, GA, United States.

Bui, V. Q., M. F. Epperson, C. Shyng, J. A. Marcinkevage, and N. A. Le. 2009. Variability in the measurement of plasma MDA levels by yagi fluorometric method. Presentation at the 7th Annual DSAC Student Research Symposium, Emory University, Atlanta, GA, United States.

Full Name: BÙI Thanh Duyên (Duyen Thanh BUI)
Cohort Year: 2010
Degree: PhD
Subject: Biochemistry, Molecular and Cell Biology
University: Cornell University
Email: buithanhduyenhg1987@gmail.com

Full Name: BÙI Thị Thanh Nga (Nga Thi Thanh BUI)
Cohort Year: 2010
Degree: Master
Subject: Civil Engineering
University: University of Missouri – Columbia
Email: thanhnga150186@gmail.com

Full Name: BÙI Trung Ngọc (Ngoc Trung BUI)
Cohort Year: 2005
Degree: PhD
Subject: Computer Science
University: University of Illinois at Urbana – Champaign
Email: ngocbui2@uiuc.edu

Full Name: CAO Đức Nguyên (Nguyen Duc CAO)
Cohort Year: 2008
Degree: PhD
Subject: Computer Science
University: Purdue University
Email: cao_ducnguyen@yahoo.com

Full Name: CAO Duy Chí Trung (Trung Duy Chi CAO)
Cohort Year: 2007
Degree: PhD
Subject: Chemistry
University: University of Pennsylvania
Email: trungcao@sas.upenn.edu

Full Name: CAO Văn Sơn (Son Van CAO)

Cohort Year: 2009

Degree: PhD

Subject: Physics

University: University of Texas at Austin

Email: caoson1202@yahoo.com.vn

Full Name: ĐẶNG Bác Văn (Van Bac DANG)

Cohort Year: 2008

Degree: PhD

Subject: Computer Science

University: University of Massachusetts Amherst

Email: dbacvan@yahoo.com

PUBLICATIONS

Conference Papers

Dang, V., and W. B. Croft. 2010. Query reformulation using anchor text. In *ACM International Conference on Web Search and Data Mining*, 41-50. New York, NY, United States: ACM.

Conference Presentations

Dang, V., M. Bendersky, and W. B. Croft. 2010. Learning to rank query reformulations. Presentation at ACM SIGIR, Geneva, Switzerland.

Full Name: ĐẶNG Nguyễn Đoan Trang (Trang Nguyen Doan DANG)

Cohort Year: 2009

Degree: PhD

Subject: Epidemiology Science

University: University of Michigan at Ann Arbor

PUBLICATIONS

Conference Presentations

Dang. T. 2010. Fluoroquinolone Resistance Mechanisms in Clinical Strains of *Streptococcus agalactiae* from S. Korea. Presentation at American Society of Microbiology, San Diego, CA, United States.

Full Name: ĐẶNG Thế Hùng (Hung The DANG)
Cohort Year: 2007
Degree: PhD
Subject: Physics
University: Columbia University
Email: hunghdt@gmail.com

PUBLICATIONS

Journal Articles

Dang, H. T., E. Gull, and A. J. Millis. 2010. Theory of charged impurities in correlated electron materials: Application to muon spectroscopy of high-Tc superconductors. *Physical Review* B 81 (23): 235124.

Full Name: ĐẶNG Trung Chính (Chinh Trung DANG)
Cohort Year: 2010
Degree: Master's
Subject: Electrical Engineering
University: Michigan State University
Email: trungchinh87@gmail.com

Full Name: ĐẶNG Xuân Hà (Ha Xuan DANG)
Cohort Year: 2007
Degree: PhD
Subject: Genetics, Bioinformatics, and Computational Biology
University: Virginia Polytechnic Institute and State University
Email: dangxuanha@gmail.com

Full Name: ĐẶNG Xuân Hoàng (Hoang Xuan DANG)
Cohort Year: 2009
Degree: PhD
Subject: Chemical Engineering
University: University of Texas at Austin
Email: dhoang@che.utexas.edu

Full Name: ĐÀO Đức Minh (Minh Duc DAO)

Cohort Year: 2009

Degree: PhD

Subject: Electrical and Computer Engineering

University: Johns Hopkins University

Email: ducminhpt@yahoo.com

Full Name: ĐINH Bá Thắng (Thang Ba DINH)

Cohort Year: 2006

Degree: PhD

Subject: Computer Science

University: University of Southern California

Email: thangdb@yahoo.com

PUBLICATIONS

Conference Papers

Dinh, T., Q. Yu, and G. Medioni. 2009. Real time tracking using an active pan-tilt-zoom network camera. In *IEEE/RSJ International Conference on Intelligent Robots and Systems*, 3786-93. St. Louis, Columbia: IEEE.

Yu, Q., T. Dinh, and G. Medioni. 2008. Online tracking and reacquisition using co-trained generative and discriminative trackers. In *the 11th European Conference on Computer Vision*, 678-91. Marseille, France: Springer-Verlag.

Dinh, T., and G. Medioni. 2008. Two-frames accurate motion segmentation using tensor voting and graph-cuts. In *IEEE Workshop on Motion and Video Computing*, 1-8. Washington, DC, United States: IEEE Computer Society.

Conference Presentations

Dinh, T., Q. Yu, and G. Medioni. 2009. Real time tracking using an active pan-tilt-zoom network camera. Presentation at IEEE/RSJ International Conference on Intelligent Robots and Systems, Missouri, United States.

Yu, Q., T. Dinh, and G. Medioni. 2008. Online tracking and reacquisition using co-trained generative and discriminative trackers. Presentation at the 10th European Conference on Computer Vision, Marseille, France.

Dinh, T., and G. Medioni. 2008. Two-frames accurate motion segmentation using tensor voting and graph-cuts. WMVC 2008. Presentation at IEEE Workshop on Motion and Video Computing, in Colorado, United States.

INTELLECTUAL PROPERTY PATENTS

Medioni, G., Q. Yu, and T. Dinh. 2009. Video feed target tracking. US Patent, filed April 5, 2009, and issued December 1, 2009.

AWARDS

1st Runner-up Presentation Award (Computer Science Track), awarded by VEFFA, January 5, 2009.

Travel Grant for Attending Conference, awarded by IEEE, June 21, 2008.

Travel Grant Funding for Attending Conference, awarded by VEF, January 9, 2008.

Best Presentation Award (Computer Science Track), awarded by VEFFA, January 5, 2008.

OTHER RECOGNITION

Member of the University of South Carolina team for ACM programming contest. 2006.

Full Name: ĐINH Sỹ Quảng (Quang Sy DINH)

Cohort Year: 2005

Degree: PhD

Subject: Electrical and Computer Engineering

University: University of Illinois at Urbana - Champaign

Email: dsq7@yahoo.com

PUBLICATIONS

Journal Articles

Dinh, Q., D. Chen, and D. F. Wong. 2010. A routing approach to reduce glitches in low power FPGAs. *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems* 29 (2): 235-40.

Conference Papers

Dinh, Q., D. Chen, and D. F. Wong. 2010. Dynamic power estimation for deep submicron circuits with process variation. In *Proceedings of IEEE/ACM Asia and South Pacific Design Automation Conference,* 587-92. Piscataway, NJ, United States: IEEE Press.

Dinh, Q., D. Chen, and D. F. Wong. 2009. A routing approach to reduce glitches in low power FPGAs. In *Proceedings of the 2009 International Symposium on Physical Design*, 99-106. New York, NY, United States: ACM.

Dinh, Q., D. Chen, and D. F. Wong. 2008. Efficient ASIP design for configurable processors with fine-grained resource sharing. In *Proceedings of the 16th International ACM/SIGDA Symposium on Ffield Programmable Gate Arrays*, 99-106. New York, NY, United States: ACM.

Dinh, Q., Y. Bresler, and D. Chen. 2007. Hardware acceleration for sparse Fourier image reconstruction. In Proceedings of IEEE International Conference on ASIC, 1346-51. Piscataway, NJ, United States: IEEE Press.

Full Name: ĐỖ Đăng Khoa (Khoa Dang DO)

Cohort Year: 2005

Degree: PhD

Subject: Mechanical Engineering

University: University of Texas at Austin

Email: khoadodang.vn@gmail.com

Full Name: ĐỖ Đức Hạnh (Hanh Duc DO)

Cohort Year: 2005

Degree: PhD

Subject: Mathematics

University: University of California at Berkeley

Email: ddhanh@math.berkeley.edu

Full Name: ĐỖ Ngọc Hân (Han Ngoc DO)
Cohort Year: 2008
Degree: PhD
Subject: Cell and Molecular Biology
University: Michigan State University
Email: dongochan96@yahoo.com

Full Name: ĐỖ Thành Đạt (Dat Thanh DO)
Cohort Year: 2007
Degree: PhD
Subject: Physics
University: Michigan State University
Email: dtd_tyt@yahoo.com

Full Name: ĐỖ Tiến Anh (Anh Tien DO)
Cohort Year: 2004
Degree: PhD
Subject: Civil and Environmental Engineering
University: University of South Florida
Email: tienanhdo@yahoo.com

PUBLICATIONS

Journal Articles

McCallum, E. A., H. Hyung, A. Do, C. H. Huang, and J. H. Kim. 2008. Adsorption, desorption, and steady-state removal of 17beta-estradiol by nano filtration membranes. *Journal of Membrane Science* 319: 38-43.

AWARDS

Florida AWMA Scholarship Award in Air and Waste Management, awarded by Florida Air and Waste Management, March 7, 2007

Full Name: ĐỖ Tiến Dũng (Dung Tien DO)
Cohort Year: 2009
Degree: PhD
Subject: Chemistry
University: University of North Carolina at Chapel Hill
Email: dotiendung82@gmail.com

Full Name: ĐỖ Xuân Quang (Quang Xuan DO)

Cohort Year: 2005

Degree: PhD

Subject: Computer Science

University: University of Illinois at Urbana – Champaign

Email: dxquang@yahoo.com

PUBLICATIONS

Conference Papers

Do, Q., and Dan Roth. 2010. Constraints Based Taxonomic Relation Classification. In *Conference on Empirical Methods in Natural Language Processing*, ed. Hang Li and Lluıs Marquez, 1099-1109. The Association for Computational Linguistics.

Sammons, Mark, V. G.Vinod Vydiswaran, Tim Vieira, Nikhil Johri, Ming-Wei Chang, Dan Goldwasser, Vivek Srikumar, Gourab Kundu, Yuancheng Tu, Kevin Small, Joshua Rule, Q. Do, and Dan Roth. 2009. Relation alignment for textual entailment recognition. In *Proceedings of the Second Text Analysis Conference*. United States: National Institute of Standards and Technology.

Chang, Ming-Wei, Q. Do, and Dan Roth. 2006. A pipeline model for bottom-up dependency parsing. In *Proceedings of the Annual Conference on Computational Natural Language Learning*, 186-90. United States: Association for Computational Linguistics.

Chang, Ming-Wei, Q. Do, and Dan Roth. 2006. A pipeline framework for dependency parsing. In *Proceedings of the Annual Meeting of the Association of Computational Linguistics*, 65-72. United States: Association for Computational Linguistics.

Conference Presentations

Do, Q., and Dan Roth. 2009. Identifying relational knowledge for textual inference. Presentation at Department of Homeland Security Summit, United States.

Do, Q., V. G. Vinod Vydiswaran, and Dan Roth. 2008. New search paradigms to facilitate meaning based information retrieval. Presentation at Department of Homeland Security Summit, United States.

Book Chapters

Chang, Ming-Wei, Q. Do, and Dan Roth. 2006. “Multilingual Dependency Parsing”: A Pipeline Approach. In *Recent Advances in Natural Language Processing*, 195-219. United States : Springer-Verlag.

INTELLECTUAL PROPERTY PATENTS

Gupta, Rakesh, and Q. Do. 2007. Scalabel knowledge extraction. Honda Motor Co., Ltd., filed October 17, 2007, and issued April 24, 2008.

Full Name: ĐOÀN Trung Kiên (Kien Trung DOAN)

Cohort Year: 2008

Degree: PhD

Subject: Civil Engineering

University: Purdue University

Email: dtkienkt@gmail.com

PUBLICATIONS

Conference Papers

Doan, K., S. Ukkusuri, G. Ramadurai. 2010. On the existence of system optimal pricing strategies in the heterogeneous single bottleneck model. Presentation at *Transportation Research Board 89th Annual Meeting,* Washington, DC, United States.

Isa-Tavarez, J., S. Ukkusuri, K. Doan, and W. Yushimito. 2010. Facility location methodology for optimal placement of park and ride facilities. Presentation at *Transportation Research Board 89th Annual Meeting,* Washington, DC, United States.

Conference Presentations

Doan, K., and S. Ukkusuri. 2010. On the existence of system optimal pricing strategies in the heterogeneous single bottleneck model. Presentation at Transportation Research Board, Washington, DC, United States.

Thesis/Dissertation

Doan, K. 2009. On the existence of system optimal pricing strategies in the heterogeneous single bottleneck model and its extensions. Master's thesis, Rensselaer Polytechnic Institute.

Full Name: DƯƠNG Ngọc Sơn (Son Ngoc DUONG)

Cohort Year: 2008

Degree: PhD

Subject: Mathematics

University: University of California at San Diego

Email: snduong@math.ucsd.edu

Full Name: GIANG Hoa (Hoa GIANG)

Cohort Year: 2006

Degree: PhD

Subject: Biology

University: University of Pennsylvania

Email: gianghoa_82@yahoo.com

PUBLICATIONS

Journal Articles

Sethupathy, P., H. Giang, J. B. Plotkin, and S. Hannenhalli. 2008. Genome-wide analysis of natural selection on human cis-elements. *PLoS ONE* 3 (9): e3137.

Full Name: GIANG Thanh Hà (Ha Thanh GIANG)

Cohort Year: 2006

Degree: PhD

Subject: Mechanical Engineering

University: California Institute of Technology

Email: gianghak4@yahoo.com

Full Name: HÀ Khánh Linh (Linh Khanh HA)

Cohort Year: 2005

Degree: PhD

Subject: Robotics

University: University of Utah

Email: linhkhanhha@yahoo.com

PUBLICATIONS

Journal Articles

Ha, L., Jens Krüger, and Cláudio T. Silva. 2009. Fast four-way parallel radix sorting on GPUS. *Computer Graphics Forum* 28 (8): 2368-78.

Daniels, II, Joel, Tilo Ochotta, L. Ha, and Claudio Silva. 2008. Spline-based feature curves from point-sampled geometry. *The Visual Computer* 24 (6): 449-62.

Bernardon, Fábio F., L. Ha, Steven P. Callahan, João L. D. Comba, and Cláudio T. Silva. 2008. Transfer-function specification for rendering disparate volumes. *Computing Science Engineering* 10 (6): 82-89.

Conference Papers

Ha, L., Marcel Prastawa, Guido Gerig, John H. Gilmore, Cláudio T. Silva, and Sarang Joshi. 2010. Image registration driven by combined probabilistic and geometric descriptors. In *Medical Image Computing and Computer Assisted Intervention,*. Beijing, China: Springer.

Singh, Nikhil, Tom Fletcher, Sam Preston, Ha, L., and Sarang Joshi. 2010. Multivariate statistical analysis of deformation Momenta relating anatomical shape to neuropsychological measures. In *Medical Image Computing and Computer Assisted Intervention,* Beijing, China: Springer.

Ha, L., Jens Krüger, and Cláudio T. Silva. 2009. Fast parallel unbiased diffeomorphic atlas construction on multi-graphics processing units. In *EUROGRAPICS Symposium on Parallel Graphics and Visualization 2009*. Munich, Germany: Euro Graphics.

Daniels, II, Joel, L. Ha, Tilo Ochotta, and Cláudio Silva. 2007. Robust smooth feature extraction from point clouds. In *Shape and Modeling International*, 123-36. Lyon, France: IEEE International Conference on Shape Modeling and Applications.

Conference Presentations

Ha, L., Marcel Prastawa, Guido Gerig, John H. Gilmore, Claudio T. Silva, and Sarang Joshi. 2010. Image Registration Driven by Combined Probabilistic and Geometric Descriptors. Presentation at Medical Image Computing and Computer Assisted Intervention, Beijing, China.

AWARDS

Medical Image Computing and Computer Assisted Intervention Travel Grant Award, awarded by the Medical Image Computing and Computer Assisted Intervention Society, September 24, 2010.

Full Name: HÀ Thành Trung (Trung Thanh HA)

Cohort Year: 2007

Degree: PhD

Subject: Statistics

University: University of Florida

Email: hathanhtrung@gmail.com

Full Name: HÀN Huy Dũng (Dung Huy HAN)

Cohort Year: 2007

Degree: PhD

Subject: Electrical and Computer Engineering (ECE)

University: University of California at Davis

Email: hhdung@yahoo.com

PUBLICATIONS

Conference Papers

Han, D., and Zhi Ding. 2010. A blind channel shortening criterion based on high-order cumulants. In *IEEE International Conference on Acoustics, Speech and Signal Processing,* 3210-13. Dallas, TX, United States: IEEE.

Han, D., and Zhi Ding. 2009. A convex optimization approach to blind channel shortening in multicarrier modulations. In *IEEE Global Telecommunications Conference*. Hawaii, United States: IEEE.

Han, D., Junqiang Hu, and Zhi Ding. 2009. A bandwidth efficient design of IM/DD optical OFDM. In *Conference on Lasers and Electro-Optics and Conference on Quantum Electronics and Laser Science Conference,* ed. IEEE, 1-2. Baltimore, MD, United States: IEEE.

Full Name: HÁN Thị Bình (Binh Thi HAN)

Cohort Year: 2009

Degree: PhD

Subject: Computer Science

University: Georgia Institute of Technology

Email: binhmop@yahoo.com

Full Name: HỒ Thị Nhân (Nhan Thi HO)

Cohort Year: 2009

Degree: PhD

Subject: Epidemiology

University: Michigan State University

Email: hothuynhan@yahoo.com

PUBLICATIONS

Conference Presentations

Ho, N., P. T. Haak, M. Lenski, and N. Paneth. 2010. Approaches for control selection in a case-control study of cerebral palsy. Presentation at Society for Pediatric and Prenatal Epidemiologic Research, Seattle, WA, United States.

Haak, P. T., N. Ho, M. Lenski, and N. Paneth. 2010. Origins, wellness and life history (owl) study: A case control study of cerebral palsy etiology nested within the Michigan newborn screening archive. Paper presented at American Academy for Cerebral Palsy and Developmental Medicine, Washington, DC, United States.

Full Name: HOÀNG Kim Chi (Chi Kim HOANG)

Cohort Year: 2004

Degree: PhD

Subject: Agricultural & Biosystems Engineering

University: Iowa State University

Email: hchi80@yahoo.com

PUBLICATIONS

Journal Articles

Hoang, C., R. S. Kanwar, and C. H. Pederson. 2010. Phosphorus losses through subsurface in a loamy soil of Iowa: Effects of rates, timing and method of swine manure and fertilizer application. *International Agricultural Engineering Journal* 18 (3-4): 25-33.

Nayak, A. K., R. S. Kanwar, P. N. Rekha, C. Hoang, and C. H. Pederson. 2009. Phosphorus leaching to subsurface drain water and soil P buildup in long-term swine manure applied corn-soybean rotation system. *International Agricultural Engineering Journal* 18 (3-4): 25-33.

Conference Presentations

Hoang, C., R. S. Kanwar, and C. H. Pederson. 2010. Phosphorus losses through subsurface drainage in a loamy soil of Iowa: Effects of rates, timing and method of swine manure and fertilizer application. Presentation at 17th World Congress of the International Commission of Agricultural and Bio Systems Engineering, Quebec City, Canada.

Hoang, C., R. S. Kanwar, G. Fox, R. Malone, and C. H. Pederson. 2009. Transportation of N and P through macropores. Paper presented at ASABE Mid-Central Conference, Ames, IA, United States.

Hoang, C., R. S. Kanwar, G. Fox, R. Malone, J. Guzman, and C. H. Pederson. 2009. Role of macropores on pathogen transport: Field experiments. Paper presented at American Society of Agricultural and Biological Engineers, Reno, NV, United States.

Hoang, C. 2009. The roles of macropores on the transport of contaminants to subsurface drainage water. Presentation at Soil and Water Club, Ames, IA, United States.

Hoang, C., R. S. Kanwar, J. L. Baker, M. Helmers, C. H. Pederson, A. Mallarino, J. Sauwer, and T. Bailey. 2008. Effect of excessive swine manure on water quality. Paper presented at American Society of Agricultural and Biological Engineers Mid-Central Conference, Nebraska, United States.

Hoang, C., R. S. Kanwar, and C. H. Pederson. 2005. Effect of liquid swine manure to shallow groundwater quality on corn and soybean rotation system. Paper presented at American Society of Agricultural and Biological Engineers Mid-Central Conference, Missouri, United States.

OTHER RECOGNITION

The Honor Society of Agricultural, Food and Biological Engineering. 2008.

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PUBLICATIONS

Journal Articles

Hoang, S., M. Pan, and C. B. Mullins. 2009. Surface chemistry of 2-propanol on clean and oxygen precovered Ir (111). *Journal of Physical Chemistry* C 113 (52): 21745-54.

Pan, M., S. Hoang, J. L. Gong., and C. B. Mullins. 2009. CO dissociation induced by adsorbed oxygen and water on Ir (111). *Chemical Communications* 47: 7300-02.

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PUBLICATIONS

Conference Papers

Hong, D. 2010. A Joint Probabilistic Classification Model for Resource Selection. In *Proceedings of the 33rd Annual International ACM SIGIR Conference on Research and Development in Information Retrieval*, ed. Hsin-Hsi Chen, Efthimis N. Efthimiadis, Jacques Savoy, Fabio Crestani, and Stephane Marchand-Maillet, 98-105. Geneva, Switzerland: ACM.

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PUBLICATIONS

Conference Papers

Huynh, T., and R. J. Mooney. 2009. Max-margin weight learning for Markov logic networks. In *Machine Learning and Knowledge Discovery in Databases, European Conference, ECML PKDD 2009, Proceedings, Part I,* 64-579. Bled, Slovenia: Springer.

Huynh, T., and R. J. Mooney. 2008. Discriminative structure and parameter learning for Markov logic networks. In *Proceedings of the 25th International Conference on Machine Learning,* 416-23. Helsinki, Finland: ACM.

Mihalkova, L., T. Huynh, and R. J. Mooney. 2007. Mapping and revising Markov logic networks for transfer learning. In *Proceedings of the 22nd Conference on Artificial Intelligence,* 608-14. Vancouver, British Columbia, Canada: AAAI Press.

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Cohort Year: 2006
Degree: PhD
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PUBLICATIONS

Conference Papers

Huynh, T. 2010. Hardness amplification in proof complexity. In *Annual ACM Symposium on Theory of Computing,* 87-96. Boston, MA, United States: ACM.

Huynh, T. 2009. Multiparty communication complexity and threshold circuit size of AC^0. In *Annual IEEE Symposium on Foundations of Computer Science,* 53-62. Atlanta, GA, United States: IEEE.

Huynh, T. 2008. On the value of multiple read/write streams for approximating frequency moments. In *Annual IEEE Symposium onFoundations of Computer Science,* 499-508. Philadelphia, PA, United States: IEEE.

OTHER RECOGNITION

IBM PhD Fellowship. 2010

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PUBLICATIONS

Journal Articles

Suzuki, Y., L. Khieu, L., B. V. Leer. 2009. CFD by first order PDEs. *Continuum Mechanics and Thermodynamics* 21 (6): 445-65.

Conference Papers

Khieu, L., Y. Suzuki, and B. V. Leer. 2009. An analysis of a space-time discontinuous-galerkin method for moment equations and its solid-boundary treatment. In *2009 AIAA Meeting Papers on Disc, vol. 14, No. 7 (Fluids et al),* 26. San Antonio, TX, United States: AIAA.

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PUBLICATIONS

Journal Articles

Le, T., and C. N. Hadjicostis. 2008. Graphical inference methods for multiple intrusion detection. *IEEE Transactions on Information Forensics and Security* 3 (3): 370-80.

Le, T., and C. N. Hadjicostis. 2007. Max-product Algorithms for the generalized multiple fault diagnosis problem. *IEEE Transactions on. Systems, Man, and Cybernetics* B 37 (6): 1607-21.

Conference Papers

Le, T., and C. N. Hadjicostis. 2008. Improved performance bounds on max-product algorithms for multiple fault diagnosis in graphs with loops. In *Proceedings of the 23rd IEEE International Symposium on Intelligent Control,* 637-42. San Antonio, TX, United States: IEEE Explore.

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Le, T., and C. N. Hadjicostis. 2006. Graphical inference methods for fault diagnosis based on information from unreliable sensors. In *Proceedings of the 9th International Conference on Control, Automation, Robotics and Vision,* 1012-17. Singapore: IEEE Explore.

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PUBLICATIONS

Conference Presentations

Le, M., X. Zhang, and G. Stacey. 2010. LysM receptor-like kinase 1-mediated chitin signaling and fungal resistance in arabidopsis. Presentation at American Physical Society Annual Meeting, Charlotte, NC, United States.

Book Chapters

Wan, J., G. H. Son, X. Zhang, M. Le, J. C. Hong, and G. Stacey. 2010. Chitin-mediated signal transduction and plant. In *Biology of Plant-Microbe Interactions, vol. 7,* ed. Hani Antoun, Tyler Avis, Louise Brisson, Danielle Prévost and Martin Trepanier. The American Phytopathological Society: APS Press.

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PUBLICATIONS

Thesis/Dissertation

Le, P. 2009. Grothendieck ring of varieties. Master's thesis, Duisburg-Essen University.

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Degree: PhD

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PUBLICATIONS

Conference Papers

Khan, Mohammad Maifi Hasan, H. Le, Michael LeMay, Parya Moinzadeh, Lili Wang, Yong Yang, Dong K. Noh, Tarek Abdelzaher, Carl A. Gunter, Jiawei Han, and Xin Jin. 2010. Diagnostic powertracing for sensor node failure analysis. In *Proceedings of the 9th ACM/IEEE International Conference on Information Processing in Sensor Networks*, 117-28. Stockholm, Sweden: ACM New York, NY, United States.

Yang, Yong, Lili Wang, Dong Kun Noh, H. Le, and Tarek Abdelzaher. 2009. SolarStore: Enhancing data reliability in solar-powered storage-centric sensor networks. In *MobiSys '09: Proceedings of the 7th International Conference on Mobile Systems, Applications, and Services*, 333-46. Kraków, Poland: ACM New York, NY, United States.

Noh, Dong Kun, Lili Wang, Yang Yong, H. Le, and Tarek Abdelzaher. 2009. Minimum variance energy allocation for a solar-powered sensor system. In *Proceedings of the 5th IEEE International Conference on Distributed computing in sensor systems*, 44-57. Marina del Rey, CA, United States: Springer-Verlag Berlin, Heidelberg, Germany.

Lili Wang, Yong Yang, Dong Kun Noh, H. Le, Jie Liu, Tarek F. Abdelzaher, and Michael Ward. 2009. AdaptSens: An adaptive data collection and storage service for solar-powered sensor networks. In

Proceedings of the 2009 30th IEEE real-time Systems Symposium, 303-12. Washington, DC, United States: IEEE Computer SocietyUnited States.

Le, H., Dan Henriksson, and Tarek Abdelzaher. 2008. A practical multi-channel medium access control protocol for wireless sensor networks. In *ACM/IEEE International Conference on Information Processing in Sensor Networks,* 70-81. Washington, DC, United States: IEEE Computer Society.

Khan, Mohammed, Hieu Khac Le, Hossein Ahmadi, Tarek Abdelzaher, and Jiawei Han. 2008. DustMiner: Troubleshooting interactive complexity bugs in sensor networks. In *Proceedings of the 6th ACM Conference on Embedded Network Sensor Systems*, 99-112. New York, NY, United States: ACM.

Sayyadian, Mayssam. H. Le, AnHai Doan, and Luis Gravano. 2007. Efficient keyword search across heterogeneous relational databases. In *IEEE International Conference on Data Engineering Conference,* 346-55. United States: IEEE.

Le, H., Dan Henriksson, and Tarek Abdelzaher. 2007. A control theory approach to throughput optimization in multi-channel collection sensor networks. In *Information Processing in Sensor Networks,* 31-40. United States: Information Processing in Sensor Networks.

Abdelzaher, Tarek F., Qing Cao, Raghu K. Ganti, Dan Henriksson, Mohammad Maifi Hasan Khan, Jin Heo, Chengdu Huang, Praveen Jayachandran, H. Le, Liqian Luo, and Yu-En Tsai. 2007. Towards a layered architecture for object-based execution in wide-area deeply embedded computing. In *IEEE International Symposium on Object-Oriented Real-time Distributed Computing,* 133-40. Greece: IEEE.

Thesis/Dissertation

Le, H. 2006. A named-profile-based search engine for community information management system. Master's thesis, University of Illinois at Urbana-Champaign.

Book Chapters

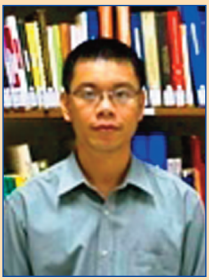
Abdelzaher, Tarek, Mohammad Khan, H. Le, Hossein Ahmadi, and Jiawei Han. 2009. "Data mining for diagnostic debugging in sensor networks": Preliminary evidence and lessons learned. In *Knowledge Discovery from Sensor Data, Lecture Notes on Computer Science.* United States: Springer.

AWARDS

Illini Entrepreneur Center Challenge Grant Award, awarded by Illini Entrepreneur Center Network, October 29, 2008.

OTHER RECOGNITION

Phi Kappa Phi Honor Society member. 2005.



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PUBLICATIONS

Conference Papers

Le, R., S. Reda, and R. I. Bahar. 2009. High-performance, cost-effective heterogeneous 3D FPGA architectures. In *Proceedings of the 19th ACM Great Lakes Symposium on VLSI*, 251-56. 2009: ACM.

Le, R., S. Reda, and R. I. Bahar. 2009. 3D-hPR: A new CAD tool for three-dimensional heterogeneous FPGAs. In *Accepted to System Level Interconnect Prediction Workshop, SLIP 2009*. United States: ACM.

Conference Presentations

Le, R., S. Reda, and R. I. Bahar. 2009. High-performance, cost-effective heterogeneous 3D FPGA architectures. Presented at the 19th ACM Great Lakes Symposium on VLSI, Boston, MA, United States.

AWARDS

Workshop Special Gift, awarded by Advanced Micro Devices (AMD) Inc., June 10, 2010.

Design Automation Conference (DAC) Young Student Program Award, awarded by Design Automation Conference, the Special Interest Group in Design Automation, July 28, 2008.

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PUBLICATIONS

Journal Articles

Charaniya, Salim, H. Le, Huzefa Rangwala, Keri Mills, Kevin Johnson, George Karypis, and Wei-Shou Hu. 2010. Mining manufacturing data for discovery of high productivity process characteristics. *Journal of Biotechnology* 147: 186-97.

Full Name: LÊ Trường Sơn (Son Truong LE)

Cohort Year: 2007

Degree: PhD

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PUBLICATIONS

Journal Articles

Le, S., P. Jannaty, A. Zaslavsky, S. A. Dayeh, and S. T. Picraux. 2010. Growth, electrical rectification, and gate control in axial in situ doped p-n junction germanium nanowires. *Applied Physics Letter* 96 (26): 262102.

Conference Papers

Le, S., A. Zaslavsky, S. A. Dayeh, and S. T. Picraux. 2010. Electrical rectification in axial in-situ doped Ge nanowire p-n junctions. In *Electrical Rctification in Axial In-situ Doped Ge Nanowire p-n Junctions,* vol. 55, no. 2. United States: American Physical Society.

Le, S., A. Zaslavsky, S. A. Dayeh, and S. T. Picraux. 2009. Growth and transport properties of axial p-n junction germanium nanowires. In *Growth and Transport Properties of Axial p-n Junction Jermanium Nanowires,* NMD-141-O. Vietnam: International Workshop on Nanotechnology and Application.

Conference Presentations

Le, S., A. Zaslavsky, S. A. Dayeh, and S. T. Picraux. 2010. Electrical rectification in axial in-situ doped Ge nanowire p-n junctions. Presentation at American Physical Society, Portland, OR, United States.

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PUBLICATIONS

Journal Articles

Firnhaber, Cynthia, H. Le, Audrey Pettifor, Doreen Schulze, Pam Michelow, Ian Sanne, David Lewis, Anna-Lise Williamson, Bruce Allan, Sophia Williams, Allen Rinas, Simon Levin, and Jennifer Smith. 2010. Association between cervical dysplasia and human papilloma virus in HIV seropositive women from Johannesburg South Africa. *Cancer Causes Control* 21 (3): 433-43.

Le, H., V. J. Schoenbach, R. Herrero, A. T. H. Pham, T. H. Nguyen, T. T. Nguyen, N. Muñoz, S. Franceschi,

S. Vaccarella, M. D. Parkin, J. F. Snijder, R. A. Morrow, and J. S. Smith. 1999. Herpes simplex virus type 2 seropositivity among ever-married women in North and South Vietnam: A population-based study. *Sexually Transmitted Diseases* 36 (10): 616-20.

Conference Papers

Le, H., and Kathleen Beach. 2010. Automated robust mapping GPRD medical diagnosis Read codes to SNOMED CT for OMOP project. In *Abstracts, 26th International Conference for Pharmacoepidemiology and Therapeutic Risk Management*, Brighton, United Kingdom, Aug. 19-22, 2010, S106. *Pharmacoepidemiology and Drug Safety,* 19:S1-S347: Wiley-Blackwell.

Le, H., and Kathleen Beach. 2010. Effect of different trimming methods for propensity score distribution on risk estimates. In *Abstracts, 26th International Conference for Pharmacoepidemiology and Therapeutic Risk Management,* Brighton, United Kingdom, Aug 19-22, 2010., S106. *Pharmacoepidemiology and Drug Safety;* 19:S1-S347: Wiley-Blackwell.

Le, H., and K. Beach. 2009. Advantages of Mapping ICD-9-CM into SNOMED CT Concepts and Hierarchy. In *Abstracts of 25th International Conference for Pharmacoepidemiology and Therapeutic Risk Management,* Providence, RI, United States, Aug 16-19, 2009, 18(S1):S33-34.: *Pharmacoepidemiology and Drug Safety,.Supplement*

Beach, K., H. Le, G. Powell, E. Pattishall, P. Ryan, and R. Mera. 2009. Performance of a Semi-Automated Process for Estimation of Risk in a Claims Database. In *Abstracts, 25th International Conference for Pharmacoepidemiology and Therapeutic Risk Management*,Providence, RI, United States, Aug 16-19, 2009, 18(S1):S164. *Pharmacoepidemiology and Drug Safety, Supplement,* Wiley-Blackwell.

Le, H., and Kathleen J. Beach. 2008. A Systematic Approach for Unassigned ICD-9 Codes in a Health Insurance Claims Database. In *Abstracts, 24th International Conference on Pharmacoepidemiology & Therapeutic Risk Management.* Copenhagen, Denmark, August 17-20, 2008, 127. *Pharmacoepidemiology and Drug Safety, Supplement,* 17(S1), S127: Wiley-Blackwell.

Le, H., and Kathleen J. Beach. 2008. *Abstracts, 24th International Conference on Pharmacoepidemiology & Therapeutic Risk Management*. Copenhagen, Denmark, August 17-20, 2008. In A Systematic Approach for Unassigned ICD-9 Codes in a Health Insurance Claims Database, 127. *Pharmacoepidemiology and Drug Safety, Supplement,* 17(S1), S127, Wiley-Blackwell.

Firnhaber, C., H. Le, A. Pettifor, D. Schulze, S. Williams, P. Michelow, I. Sanne, D. Lewis, B. William, A. Williamson, B. Allan, S. Williams, C. van der Horst, and J. S. Smith. 2007. Effect of antiretroviral therapy on cervical lesions among HIV seropositive women in Johannesburg, South Africa. In. 24th International Papillomavirus Conference and Clinical Workshop, Beijing, China, November 3-9, 2007, Abstract ID 7C-05. *Abstracts of the 24th International PapillomavirusConference and Clinical Workshop,* Beijing, China.

Conference Presentations

Le, H., and Beach K. 2010. Automated robust mapping General Practice Research Database medical diagnosis read codes to Systematized Nomenclature of Medicine. Presentation at 26th International Conference on Pharmacoepidemiology and Therapeutic Risk Management, Brighton, United Kingdom.

Le, H., and K. Beach. 2010. Effect of Different Trimming Methods for Propensity Score Distribution on Risk Estimates. Presentation at 26th ICPE: International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Brighton, United Kingdom.

Le, H., and Kathleen Beach. 2009. Advantages of Mapping ICD-9-CM into SNOMED CT Concepts and Hierarchy. Presentation at 25th International Conference for Pharmacoepidemiology and Therapeutic Risk Management Rhode Island, Aug 16-19, 2009. *Pharmacoepidemiology and Drug Safety, Supplement,* 18(S1):S33-34, Providence, RI, United States.

Beach, K, H. Le, G. Powell, E. Pattishall, P. Ryan, and R. Mera. 2009. Performance of a semi-automated process for estimation of risk in a claims database. Paper presented at 25th International Conference for Pharmacoepidemiology and Therapeutic Risk Management, Providence, RI, United States, August 16-19, 2009, *Pharmacoepidemiology and Drug Safety, Supplement,* 18(S1):S164.

Le, H., R. Herrero, V. J. Schoenbach, T. H. A. Pham, T. H. Nguyen, T. T. Nguyen, H. N. Nguyen, B. D. Nguyen, N. Muñoz, S. Franceschi, R. Ashley, and J. S. Smith. 2007. Herpes 2 virus seropositivity among women in North and South Vietnam: A population-based study. Presentation at 17th ISSTDR Meeting/10th IUSTI World Congress, Seattle, WA, United States, July 29-August 1, 2007, (P 260).

AWARDS

International Society for Pharmacoepidemiology Scholarship, awarded by International Society for Pharmacoepidemiology Scholarship Committee, May 10, 2010.

2009 International Society for Pharmacoepidemiology Scholarship, awarded by International Society for Pharmacoepidemiology, May 20, 2009.

The Harry A. Guess-Merck Outstanding Scholarship in Pharmacoepidemiology, awarded by UNC, School of Public Health, Epidemiology Department, September 22, 2008.

2008 International Society for Pharmacoepidemiology Scholarship, awarded by International Society for Pharmacoepidemiology, May 22, 2008.

NIH Training Award to the 24th International Papillomavirus Conference and Clinical Workshop, Beijing, China, November 3-9, 2007, awarded by National Institutes of Health (NIH), October 20, 2007.

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PUBLICATIONS

Conference Papers

Le, V., Y. Hu, and T. S. Huang. 2009. A quantitative evaluation for 3D face reconstruction algorithms. In *IEEE International Conference on Acoustics, Speech, and Signal Processing 2009,* 1269-72. Taipei, Taiwan: IEEE.

Dikmen, M., H. Ning, D. J. Lin, L. Cao, and V. Le, et al. 2008. Surveillance event detection. In *TRECVID 2008 Workshop Participants Notebook Papers*. Gaithersburg, MD, United States: National Institute of Standards and Technology (NIST).

Conference Presentations

Le, V., H. Tang, L. Cao, and T. S. Huang. 2010. An accurate and efficient reconstruction of 3D faces from stereo images. Presentation at IEEE International Conference on Image Processing 2010, Hong Kong, China.

Thesis/Dissertation

Le, V. 2010. An accurate and efficient method for reconstruction of 3D faces from stereo images. Master's thesis, University of Illinois at Urbana-Champaign.

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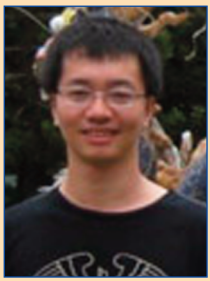
PUBLICATIONS

Conference Papers

Le, T., C. A. Kulikowski, and I. B. Muchnik. 2008. A graph-based approach for image segmentation. In *4th International Symposium on Visual Computing,* ed. Bebis, G., Boyle, R., Parvin, B. and Koracin, D., 278-87. Las Vegas, NV, United States: Springer Berlin/Heidelberg.

Le, T., C. A. Kulikowski, and I. B. Muchnik. 2008. Coring method for clustering a graph. In *19th International Conference on Pattern Recognition,* ed. M. Ejiri, R. Kasturi, and G. Sanniti di Baja, 1-4. Tampa, Florida, United States: IEEE.



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PUBLICATIONS

Conference Presentations

Luong, N., M. Kroll, S. Faderl, D. Yang, A. Zalpour, K. T. Nguyen, D. Verma, G. Borthakur, H. Kantarjian, and K. D. Vu; 2010. Venothromboembolism (VTE) in patients (pts) with acute myelogenous leukemia (AML). Presentation at American Society of Clinical Oncology, 2010 ASCO, Chicago, IL, United States.

Luong, N., H. M. Kantarjian, S. H. Faderl, D. A. Thomas, and K. D. Vu. 2009. Occurence of Venothromboembolism (VTE) in patients (pts) with Acute Lymphocytic Leukemia (ALL), Burkitt's

Leukemia/Lymphoma (BL), or Lymphoblastic Leukemia (LL). Presentation at the American Society of Clinical Oncology, ASCO 2009, Orlando, FL, United States.

Thesis/Dissertation

Luong, N., 2006. Maternal tobacco and alcohol use during pregnancy and infant's birth weight: What mothers should know. MPH thesis, University of North Carolina at Chapel Hill-School of Public Health.

Full Name: LƯƠNG Xuân Bách (Bach Xuan LUONG)
Cohort Year: 2010
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Cohort Year: 2007
Degree: PhD
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PUBLICATIONS

Journal Articles

Kingah, Pascal L., H. Luu, Kelly A. Volcik, Alanna C. Morrison, Jennifer A. Nettleton, and Eric Boerwinkle. 2010. Association of NOS3 Glu298Asp SNP with hypertension and possible effect modification of dietary fat intake in the ARIC study. *Hypertension Research* 33 (2): 165-69.

Full Name: LƯU Vũ Thanh Hương (Huong Vu Thanh LUU)
Cohort Year: 2008
Degree: PhD
Subject: Computer Science
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Cohort Year: 2008

Degree: PhD

Subject: Computer Science

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PUBLICATIONS

Conference Presentations

Ma, N., Yinglong Xia, Viktor Prasanna. 2010. Exact Inference on Manycore Processors Using Pointer Jumping. Presentation at Parallel and Distributed Computing and Systems, Los Angeles, CA, United States.

Full Name: NGHIÊM Thị Hà Vân (Van Thi Ha NGHIEM)

Cohort Year: 2010

Degree: MSPH

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Cohort Year: 2005

Degree: PhD

Subject: Electrical and Systems Engineering

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PUBLICATIONS

Conference Papers

Nghiem, T., S. Sankaranarayanan, G. Fainekos, F. Ivančić, A. Gupta, and G. J. Pappas. 2010. Monte Carlo techniques for falsification of temporal properties of non-linear hybrid systems. In *HSCC 2010: Proceedings of the 13th ACM International Conference on Hybrid Systems: Computation and Control,* 211-20. New York, NY, United States: ACM.

Nghiem, T., G. J. Pappas, R. Alur, and A. Girard. 2006. Time-triggered implementations of dynamic controllers. In *EMSOFT 2006: Proceedings of the 6th ACM and IEEE International Conference on Embedded Ssoftware,* 2-11. New York, NY, United States: ACM.

Full Name: NGÔ Đình Phương (Phuong Dinh NGO)
Cohort Year: 2008
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Cohort Year: 2010
Degree: PhD
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Full Name: NGUYỄN Bình (Binh NGUYEN)
Cohort Year: 2005
Degree: PhD
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PUBLICATIONS

Journal Articles

Berard, S., B. Nguyen, K. Anderson, and J. C. Trinkle. 2010. Sources of error in a rigid body simulation of rigid parts on a vibrating rigid plate. *ASME Journal of Computational and Nonlinear Dynamics* 5, 041003 (4): 0-14.

Conference Papers

Nguyen, B., and J. C. Trinkle. 2010. DVC3D: A three dimensional physical simulation tool for rigid bodies with intermittent contact and coulomb friction. Presentation at *First Joint International Conference on Multi-Body System Dynamics.* Lappeenranta, Finland: ASME.

Nguyen, B., and J. C. Trinkle. 2010. Modeling non-convex configuration space using linear complementarity problems. Presentation at *IEEE International Conference on Robotics and Automation.*

Berard, S., B. Nguyen, and J. C. Trinkle. 2009. Sources of error in a rigid body simulation of rigid parts on a vibrating rigid plate. Presentationat ACM *Symposium on Applied Computing,* Hawaii, United States.

Berard, S., J. C. Trinkle, B. Nguyen, B. Roghani, V. Kumar, and J. Fink. 2007. Da{V}inci Code: A multi-model simulation and analysis tool for multi-body systems. Presentation at *IEEE International Conference on Robotics and Automation.*

Full Name: NGUYỄN Nam (Nam NGUYEN)
Cohort Year: 2005
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Cohort Year: 2010
Degree: Master's
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Full Name: NGUYỄN Bình Nguyên (Nguyen Binh NGUYEN)
Cohort Year: 2007
Degree: PhD
Subject: Epidemiology
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PUBLICATIONS

Journal Articles

Nguyen, N., N. J. Dharan, M. T. Q Le, N. B. Nguyen, C. T. Nguyen, D. V. Hoang, N. H. Tran, C. T. Bui, D. T. Dang, D. P. Pham, H. T. Nguyen, T. V. Phan, D. T. Dennis, T. M. Uyeki, J. Mott., Y. T. Nguyen, and Vietnam National Influenza Evaluation Team. 2009. National Influenza Surveillance In Vietnam, 2006-2007. Vaccine 28 (2): 398-402.

Full Name: NGUYỄN Chí Kiên (Kien Chi NGUYEN)

Cohort Year: 2004

Degree: PhD

Subject: Electrical and Computer Engineering

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PUBLICATIONS

Conference Papers

Tanmay Khirwadkar, K. Nguyen, David M. Nicol, and Tamer Başar. 2010. Methodologies for evaluating game theoretic defense against DDOS attacks. In *2010 Winter Simulation Conference,* ed. B. Johansson, S. Jain, J. Montoya-Torres, J. Hugan, and E. Yucesan, 1-10. Baltimore, MD, United States: Winter Simulation Conference.

Nguyen, K., Tansu Alpcan, and Tamer Başar. 2010. Fictitious play with time-invariant frequency update for network security. In *2010 IEEE Multi-Conference on Systems and Control,* 1-6. Yokohama, Japan: IEEE.

Nguyen, K., Tansu Alpcan, and Tamer Başar. 2010. Security games with decision and observation errors. In *2010 American Control Conference,* 1-6. Baltimore, MD, United States: AACC.

Nguyen, K., Tansu Alpcan, and Tamer Başar. 2009. Stochastic games for security in networks with interdependent nodes. In *International Conference on Game Theory for Networks,* 1-6. Istanbul, Turkey: ICST.

Nguyen, K., Tansu Alpcan, and Tamer Başar. 2009. Security games with incomplete information. In *2009 IEEE International Conference on Communications,* 1-6. Dresden, Germany: IEEE.

Nguyen, K., Tansu Alpcan, and Tamer Başar. 2008. Distributed hypothesis testing with a fusion center: The conditionally dependent case. In *47th IEEE Conference on Decision and Control,* 1-7. Cancun, Mexico: IEEE.

Nguyen, K., Tansu Alpcan, and Tamer Başar. 2008. Fictitious play with imperfect observations for network intrusion detection. In *3rd International Symposium on Dynamic Games and Applications,* 1-8. Wroclaw, Poland: ISDG.

Nguyen, K., Tansu Alpcan, and Tamer Başar. 2008. A decentralized Bayesian attack detection algorithm for network security. In *3rd International Information Security Conference,* 1-10. Milan, Italy: IFIP.

Nguyen, K., and Dilip V. Sarwate. 2006. Up-sampling and natural sample value computation for digital pulse width modulators. In *40th Conference on Information Sciences and Systems,* 1-6. Princeton University, United States: IEEE.

Thesis/Dissertation

Nguyen, K. 2006. A natural-sampling conversion algorithm for digital pulse width modulators. Master's thesis, University of Illinois at Urbana-Champaign.

Full Name: NGUYỄN Đắc Trung (Trung Dac NGUYEN)

Cohort Year: 2005

Degree: PhD

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PUBLICATIONS

Journal Articles

Nguyen, T., and S. C. Glotzer. 2010. Reconfigurable assemblies of shape-changing nano rods. ACS Nano 4 (5): 2584-94.

Hong, D. J., E. Lee, H. Jeong, J. Lee, W. C. Zin, T. Nguyen, S. C. Glotzer, and M. Lee. 2009. Solid-state scrolls from hierarchical self-assembly of T-shaped rod–coil molecules. *Angewandte Chemie International Edition* 48: 1664-68.

Nguyen, T., and S. C. Glotzer. 2009. Switchable helical structures formed by the hierarchical self-assembly of laterally tethered nano rods. *Small* 5, 18: 2092-98.

Nguyen, T., Z. Zhang, and S. C. Glotzer. 2008. Molecular simulation study of self-assembly of tethered V-shaped nanoparticles. *Journal of Chemical Physics* 129: 244903-11.

Conference Presentations

Nguyen, T., and Sharon C. Glotzer. 2010. Self-assembly of Reconfigurable Nanorod Structures. Presentation at Materials Research Society Spring Meeting, San Francisco, CA, United States.

Nguyen, T., Zhenli Zhang, and Sharon C. Glotzer. 2008. Molecular Simulation Study of Self-Assembly of Tethered V-Shaped Nanoparticles. Presentation at American Institute of Chemical Engineering Annual Meeting, Philadelphia, PA, United States.

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Cohort Year: 2005

Degree: PhD

Subject: Applied Physics

University: Cornell University

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PUBLICATIONS

Conference Presentations

Nguyen, L., Kristopher L. Baker, and Derek H. Warner. 2010. Reaction rate prediction of dislocation nucleation from a nanovoid in aluminum at room temperature. Presentation at TMS 2009 Annual Meeting and Exhibition, Seattle, WA, United States.

Nguyen, L., and Derek H. Warner. 2009. Finite temperature activation energy barrier for dislocation nucleation in aluminum. Presentation at 10th U.S. National Congress on Computational Mechanics, Columbus, OH, United States.

Full Name: NGUYỄN Đức Thành (Thanh Duc NGUYEN)
Cohort Year: 2008
Degree: PhD
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Full Name: NGUYỄN Hải Hà (Ha Hai NGUYEN)
Cohort Year: 2010
Degree: PhD
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Full Name: NGUYỄN Hoàng Anh (Anh Hoang NGUYEN)
Cohort Year: 2007
Degree: PhD
Subject: Electrical Engineering
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Full Name: NGUYỄN Hồng Nhã Trân (Tran Hong Nha NGUYEN)

Cohort Year: 2006

Degree: PhD

Subject: Plant, Insect and Microbial Science

University: University of Missouri – Columbia

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PUBLICATIONS

Journal Articles

Brechenmacher, L., J. Lee, S. Sachdev, Z. Song, Z., T. Nguyen, T. Joshi, N. Oehrle, M. Libault, B. Mooney, D. Xu, D. B. Cooper, and G. Stacey. 2009. *Plant Physiology* 149: 670-82.

Conference Presentations

Nguyen, T., Laurent Brechenmacher, Sooyoung Jeong, Marc Libault, Dong Xu, Henry T. Nguyen, and Gary Stacey. 2008. Phosphoproteomic analysis of soybean root hairs colonized by Bradyrhizobium japonicum. Presentation at the 12th Biennial Molecular and Cellular Biology of the Soybean Conference, July 20-23, 2008, Indianapolis, IN, United States.

AWARDS

The Outstanding Scientific Seminar, awarded by Division of Plant Sciences, University of Missouri, December 9, 2008.

Full Name: NGUYỄN Kim Doăng (Doang Kim NGUYEN)

Cohort Year: 2010

Degree: PhD

Subject: Mechanical Engineering

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Cohort Year: 2006

Degree: PhD

Subject: Bioengineering

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PUBLICATIONS

Journal Articles

Nguyen T., V. M. Tran, X. V. Victor, J. J. Skalicky, and B. Kuberan. 2010. Characterization of uniformly and atom-specifically (13)C-labeled heparin and heparan sulfate polysaccharide precursors using (13)C NMR spectroscopy and ESI mass spectrometry. *Carbohydrate Research* 345 (15): 2228-32.

Tran, V. M., T. Nguyen, K. Raman, and B. Kuberan. 2010. Applications of isotopes in advancing structural

and functional heparanomics. *Analytical and Bioanalytical Chemistry*: Epub accepted.

Xylophone, Victor V., T. Nguyen, Manivannan Ethirajan, Vy M. Tran, Khiem V. Nguyen, and Balagurunathan Kuberan. 2009. Investigating the elusive mechanism of glycosaminoglycan biosynthesis. *Journal of Biological Chemistry* 284 (38): 25842–53.

Conference Presentations

Nguyen, T., Vy M. Tran, Venkataswamy Sorna, Eric S. Veien, Lena Kjellén, Richard I. Dorsky, Chi-Bin Chien, and Balagurunathan Kuberan. 2010. Modulating zebrafish heparanome to decipher heparan sulfate-FGF interactions in vivo. Presentation at Gordon Research Conference, Andover, NH, United States.

Nguyen, T., Vy Tran, Eric Veien, Richard Dorsky, Chi-Bin Chien, and Balagurunathan Kuberan. 2009. Multimeric heparan sulfate modulates FGF signaling in zebrafish development. Presentation at The American Society for Biochemistry and Molecular Biology Annual Meeting, New Orleans, LA, United States.

Nguyen, T., Vy Tran, Eric Veien, Richard Dorsky, Chi-Bin Chien, and Balagurunathan Kuberan. 2008. A new paradigm to define the structural basis for HS-FGF interactions during zebrafish development. Presentation at Glyco Biology Annual Meeting, Fort Worth, TX, United States.

Nguyen, T., Xylophone Victor, Richard Dorsky, Chi-Bin Chien, and Balagurunathan Kuberan. 2007. Xylosides modulate Zebrafish development. Presentation at Glyco Biology Annual Meeting, Boston, MA, United States.

Full Name: NGUYỄN Linh Vũ (Vu Linh NGUYEN)

Cohort Year: 2006

Degree: PhD

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Cohort Year: 2005

Degree: PhD

Subject: Cell and Developmental Biology

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PUBLICATIONS

Conference Papers

Nguyen, H., Linda A. Barlow. 2008. Chemical Senses. In *Changes in Proliferative Activity of Taste Buds after Irradiation,* 747. Oxford Journals: Oxford Journals.

Conference Presentations

Nguyen, H., M. E. Reyland, L. A. Barlow. 2009. Mitigation of irradiation effects on taste epithelium in the Protein Kinase C delta null mouse. Presentation at the Association for Chemoreception Sciences, Sarasota, FL, United States.

Nguyen, H., Linda Barlow. 2007. BMP4 expression differs in circumvallate and fungiform taste buds of mice. Presentation at the Association for Chemoreception Sciences, Sarasota, FL, United States.

Full Name: NGUYỄN Minh Anh (Anh Minh NGUYEN)

Cohort Year: 2007

Degree: PhD

Subject: Computer Science

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PUBLICATIONS

Conference Papers

Gunter, Elsa, Ayesha Yasmeen, Carl Gunter, and A. Nguyen. 2009. Specifying and analyzing workflows for automated identification and data capture. In *Hawaii International Conference on System Sciences,* 1-11. Washington, DC, United States: IEEE Computer Society Press.

Nguyen, A., Nabil Schear, HeeDong Jung, Apeksha Godiyal, Sam T. King, and Hai Nguyen. 2009. MAVMM: A lightweight and purpose-built VMM for malware analysis. In *Annual Computer Security Applications Conference,* 441-50. Washington, DC, United States: IEEE Computer Society.

Full Name: NGUYỄN Minh Hiền (Hien Minh NGUYEN)

Cohort Year: 2004

Degree: PhD

Subject: Electrical Engineerg

University: University of Illinois at Urbana – Champaign

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PUBLICATIONS

Journal Articles

Nguyen, H., Bradley P. Sutton, and Minh N. Do. 2009. Joint estimation and correction of geometric distortions for EPI functional MRI using harmonic retrieval. *IEEE Transactions on Medical Imaging* 28 (3): 423-34.

Conference Papers

Nguyen, H., Justin P. Haldar, Minh N. Do, and Zhi-Pei Liang. 2010. Denoising of MR spectroscopic imaging data with spatial-spectral regularization. In *IEEE International Symposium on Biomedical Imaging: From Nano to Macro,* 720-23. Rotterdam, Netherlands: IEEE.

Peng, Xi, H. Nguyen, Justin Haldar, Diego Hernando, and Zhi-Pei Liang. 2010. Correction of field inhomogeneity effects in limited k-space coverage MRSI data with anatomical constraint. In *32nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, in press. Buenos-Aires, Argentina: IEEE.

Nguyen, H., Zhubin J. Gahvari, Justin P. Haldar, Minh N. Do, and Zhi-Pei Liang. 2009. Cramér-Rao bound analysis of echo time selection for 1H-MR spectroscopy. In *31st Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, 2692-95. Minneapolis. MN, United States: IEEE.

Nguyen, H., Robert L. Morrison, Jr., Bradley P. Sutton, and Minh N. Do. 2006. Joint estimation in MRI using harmonic retrieval methods. In *IEEE International Symposium on Biomedical Imaging,* 1004-07. Arlington, VA, United States: IEEE.

Conference Presentations

Nguyen, H., Bradley P. Sutton, and Minh N. Do. 2008. Joint estimation and regularized T2 * recovery for EPI functional MRI using harmonic retrieval. Presentation at Biomedical Engineering Society, Saint

Louis, MO, United States.

Thesis/Dissertation

Nguyen, H. 2007. Joint estimation in MRI using harmonic retrieval methods. Master's thesis, University of Illinois at Urbana-Champaign.

AWARDS

Excellence in Bioengineering Award, awarded by Department of Bioengineering, University of Illinois at Urbana-Champaign, April 12, 2010.

Full Name: NGUYỄN Nam Giang (Giang Nam NGUYEN)

Cohort Year: 2010

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Full Name: NGUYỄN Ngọc Bảo (Bao Ngoc NGUYEN)

Cohort Year: 2007

Degree: PhD

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PUBLICATIONS

Conference Papers

Elsaka, Ethar, Walaa Eldin Moustafa, B. Nguyen, and Atif M. Memon. 2010. Using methods & measures from network analysis for GUI testing. In *ESTBEDS 2010: Proceedings of the International Workshop on Testing Techniques and Experimentation Benchmarks for Event-Driven Software.* Washington, DC, United States: IEEE Computer Society.

Book Chapters

Memon, Atif M., and B. Nguyen. 2010. Advances in automated model-based system testing of software applications with a front-end. In *Advances in Computers,* ed. Marvin V. Zelkowitz. Academic Press.

Full Name: NGUYỄN Ngọc Điệp (Diep Ngoc NGUYEN)

Cohort Year: 2006

Degree: PhD

Subject: Electrical and Computer Engineering (ECE)

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AWARDS

Graduate School Fellowship, awarded by University of Arizona Graduate School, August 10, 2009.

University of California San Diego Graduate Fellowship, awarded by UCSD, September 20, 2006.

Full Name: NGUYỄN Ngọc Dương (Duong Ngoc NGUYEN)
Cohort Year: 2009
Degree: PhD
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Full Name: NGUYỄN Ngọc Tú (Tu Ngoc NGUYEN)
Cohort Year: 2009
Degree: PhD
Subject: Chemistry
University: University of Florida
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PUBLICATIONS

Conference Presentations

Nguyen, T., and George Christou. 2010. Magnetic properties of a manganese complex grafted onto silver nanoparticles. Presentation at Florida Section of American Chemical Society, Tampa, FL, United States.

Full Name: NGUYỄN Phương Anh (Anh Phuong NGUYEN)
Cohort Year: 2008
Degree: PhD
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Cohort Year: 2004
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Cohort Year: 2003
Degree: PhD
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Cohort Year: 2007
Degree: PhD
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Full Name: NGUYỄN Quang Nghĩa (Nghia Quang NGUYEN)
Cohort Year: 2005
Degree: PhD
Subject: Electrical and Computer Engineering
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PUBLICATIONS

Conference Papers

Nguyen, N., C. K. Abbey and M. F. Insana. 2010. Tomographic reconstruction of the pulse-echo spatial temporal impulse response. In *SPIE Medical Imaging: Ultrasonic Imaging and Signal Processing,* 7629-14.1-11. Bellingham, WA, United States: Society of Photo-Optical Instrumentation Engineers.

Nguyen, N., C. K. Abbey., and M. F. Insana. 2009. Ultrasonic array beam forming with iterative spatial filters. In *SPIE Medical Imaging: Ultrasonic Imaging and Signal Processing,* 72650A.1-72650A.12. Bellingham, WA, United States: Society of Photo-Optical Instrumentation Engineers.

Abbey, C. K., N. Nguyen, and M. F. Insana. 2008. An ideal observer approach to beam forming. In *SPIE Medical Imaging: Ultrasonic Imaging and Signal Processing,* 692006.1-8. Bellingham, WA, United States: Society of Photo-Optical Instrumentation Engineers.

Thesis/Dissertation

Nguyen, N. 2009. Information theoretic design of breast sonography. Master's thesis, University of Illinois at Urbana-Champaign-Urbana, IL.

AWARDS

William F. Schaller Prize, awarded by Department of Electrical and Computer Engineering, April 16, 2010.

Conference Travel Grant, awarded by Graduate of College, University of Illinois at Urbana-Champaign, October 10, 2008.

Full Name: NGUYỄN Quốc Minh (Minh Quoc NGUYEN)

Cohort Year: 2009

Degree: PhD

Subject: Electrical and Computer Engineering

University: Purdue University

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Full Name: NGUYỄN Sỹ Phong (Phong Sy NGUYEN)

Cohort Year: 2006

Degree: PhD

Subject: Electrical Engineering

University: Texas A&M University

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PUBLICATIONS

Conference Papers

Nguyen, P., H. D. Pfister, and K. R. Narayanan. 2010. A rate-distortion exponent approach to multiple decoding attempts for Reed-Solomon codes. In *2010 IEEE International Symposium on Information Theory Proceedings (ISIT),* 1095-99. Austin, TX, United States: IEEE.

Nguyen, P., H. D. Pfister, and K. R. Narayanan. 2009. A rate-distortion perspective on multiple decoding attempts for Reed-Solomon codes. In *Proceedings of the 47th Annual Allerton Conference on Communication, Control, and Computing,* 1235-42. Monticello, IL, United States: IEEE.

Conference Presentations

Nguyen, P., H. D. Pfister, and K. R. Narayanan. 2010. A rate-distortion exponent approach to multiple decoding attempts for Reed-Solomon codes. Presentation at 2010 IEEE International Symposium on Information Theory, Austin, TX, United States.

Nguyen, P., H. D. Pfister, and K. R. Narayanan. 2009. A rate-distortion perspective on multiple decoding attempts for Reed-Solomon codes. Presentation at 47th Annual Allerton Conference on Communication, Control, and Computing, Monticello, IL, United States.

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Cohort Year: 2005
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PUBLICATIONS

Thesis/Dissertation

Nguyen, D. 2007. Epidemiology of smear-negative tuberculosis among culture-positive patients in Ho Chi Minh City, Vietnam. MPH thesis, University of Texas School of Public Health.

Full Name: Nguyễn Thanh Bình (Binh Thanh NGUYEN)
Cohort Year: 2010
Degree: PhD
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Cohort Year: 2006
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Cohort Year: 2007

Degree: PhD

Subject: Electrical and Computer Engineering

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PUBLICATIONS

Conference Papers

Nguyen, T., Hoan Anh Nguyen, Nam H. Pham, and Tien N. Nguyen. 2010. Operation-based, fine-grained version control model for tree-based representation. In *Proceedings of the 13th International Conference on Fundamental Approaches to Software Engineering,* 74-90. Paphos, Cyprus: Springer - Lecture Notes in Computer Science.

Nguyen, T., Hoan Anh Nguyen, Nam H. Pham, Jafar M. Al-Kofahi, and Tien N. Nguyen. 2010. Recurring bug fixes in object-oriented programs. In *Proceedings of the 32nd ACM/IEEE International Conference on Software Engineering,* vol. 1, 315-24. Cape Town, South Africa: ACM.

Pham, Nam H., T. Nguyen, Hoan Anh Nguyen, Xinying Wang, Anh Tuan Nguyen, and Tien N. Nguyen. 2010. Detecting recurring and similar software vulnerabilities. In *Proceedings of the 32nd ACM/IEEE International Conference on Software Engineering,* vol. 2, 227-30. Cape Town, South Africa: ACM.

Pham, Nam H., Hoan Anh Nguyen, T. Nguyen, Jafar M. Al-Kofahi, and Tien N. Nguyen. 2009. Complete and accurate clone detection in graph-based models. In *Proceedings of the 31st ACM/IEEE International Conference on Software Engineering,* 276-86. Vancouver, Canada: IEEE Computer Society.

Nguyen, Hoan Anh, T. Nguyen, Nam H. Pham, Jafar M. Al-Kofahi, and Tien N. Nguyen. 2009. Accurate and efficient structural characteristic feature extraction for clone detection. In *Proceedings of the 12th International Conference on Fundamental Approaches to Software Engineering*, 440-55. York, United Kingdom: Springer - Lecture Notes in Computer Science.

Nguyen, T., Hoan Anh Nguyen, Nam H. Pham, Jafar M. Al-Kofahi, and Tien N. Nguyen. 2009. ClemanX: Incremental clone detection tool for evolving software. In *Proceedings of the 31st ACM/IEEE International Conference on Software Engineering,* 437-38. Vancouver, Canada: IEEE Computer Society.

Nguyen, T., Hoan Anh Nguyen, Nam H. Pham, Jafar M. Al-Kofahi, and Tien N. Nguyen. 2009. Graph-based mining of multiple object usage patterns. In *Proceedings of the 7th Joint Meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering,* 383-92. Amsterdam, Netherlands: ACM.

Nguyen, T., Hoan Anh Nguyen, Jafar M. Al-Kofahi, Nam H. Pham, and Tien N. Nguyen. 2009. Scalable and incremental clone detection for evolving software. In *Proceedings of the 25th IEEE International Conference on Software Maintenance,* 491-94. Alberta, Canada: IEEE Computer Society.

Nguyen, T., Hoan Anh Nguyen, Nam H. Pham, Jafar M. Al-Kofahi, and Tien N. Nguyen. 2009. Clone-aware configuration management. In *Proceedings of the 24th ACM/IEEE International Conference on Automated Software Engineering,* 123-34. Auckland, New Zealand: IEEE Computer Society.

Nguyen, T., Hoan Anh Nguyen, Nam H. Pham, Jafar M. Al-Kofahi, and Tien N. Nguyen. 2008. Cleman: Comprehensive clone group evolution management. In *Proceedings of the 23rd ACM/IEEE International Conference on Automated Software Engineering,* 451-54. Washington, DC, United States: IEEE Computer Society.

AWARDS

ACM SIGSOFT *Distinguished Paper Award,* awarded by ACM SIGSOFT, August 28, 2009.

Full Name: NGUYỄN Thanh Nhật Quang (Quang Thanh Nhat NGUYEN)

Cohort Year: 2008

Degree: PhD

Subject: Electrical and Computer Engineering

University: University of Missouri – Columbia

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Full Name: NGUYỄN Thị Các (Cac Thi NGUYEN)

Cohort Year: 2005

Degree: PhD

Subject: Electrical and Computer Engineering

University: University of Illinois at Urbana – Champaign

Email: nt_cac@yahoo.com

PUBLICATIONS

Journal Articles

Nguyen, C., H. Tu, E. J. Chaney, C. N. Stewart, and S. A. Boppart. 2010. Non-invasive assessment of biofilm growth in the middle ear using a portable low-coherence interferometry system. *Biomedical Optics Express* 1 (4): 1104–16.

Conference Papers

Boppart, S. A., C. Nguyen, H. Tu, E. J. Chaney, and C. N. Stewart. 2010. Non-invasive assessment of biofilm growth in the middle ear using a portable low-coherence inter-ferometry system. In *Proceedings of SPIE Photonics West,* 300-03. San Francisco, CA, United States: SPIE Photonics West.

Nguyen, C., Robert L. Morrison, Jr., and Minh N. Do. 2007. Reduction of spatial sampling requirement in sound-based synthesis. In *Reduction of spatial sampling requirement in sound-based synthesis,* 289-92. U.S. Virgin Islands: IEEE Explore.

Conference Presentations

Jung, W., C. Nguyen, S. A. Boppart. 2010. Primary Care Imaging. Presentation at Imaging without Boundaries, Urbana-Champaign, Illinois, United States.

Nguyen, C., H. Tu, E. J. Chaney, C. N. Stewart, and S. A. Boppart. 2009. Detection algorithm for identifying biofilms in the middle ear using low coherence interferometry data. Presentation at SPIE Photonics West - Biomedical Optics, San Francisco, CA, United States.

Thesis/Dissertation

Nguyen, C. 2010. Non-invasive assessment of biofilm growth in the middle ear using a portable low-coherence inter-ferometry system. Master's thesis, University of Illinois at Urbana Champaign.

AWARDS

UIUC *Engineering travel grant,* awarded by UIUC, February 22, 2009.

Full Name: NGUYỄN Thị Hiếu (Hieu Thi NGUYEN)
Cohort Year: 2010
Degree: PhD
Subject: Biomedical Sciences Training Program
University: Case Western Reserve University
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Full Name: NGUYỄN Thị Khánh Vân (KhanhVan Thi NGUYEN)
Cohort Year: 2009
Degree: PhD
Subject: Chemistry
University: Clemson University
Email: dbgtavnn@yahoo.com

PUBLICATIONS

Conference Presentations

Yang, Zhingqiang, V. Nguyen, and Jeffrey N. Anker. 2010. Detecting magnetically modulated fluorescent probes in turbid media. Presentation at 8th International Conference on the Scientific and Clinical Applications of Magnetic Carriers, Rostock, Germany.

Full Name: NGUYỄNThị Khôi (Khoi Thi NGUYEN)
Cohort Year: 2005
Degree: PhD
Subject: Materials Science and Engineering
University: University of Illinois at Urbana – Champaign
Email: kimkhoi1981@yahoo.com

Full Name: NGUYỄN Thị Nhung (Nhung Thi NGUYEN)
Cohort Year: 2009
Degree: PhD
Subject: Mechanical Engineering
University: University of Michigan at Ann Arbor
Email: nhungnguyen1606@gmail.com

Full Name: NGUYỄN Thị Yến (Yen Thi NGUYEN)
Cohort Year: 2009
Degree: Master's
Subject: Mechanical Engineering
University: Michigan State University
Email: nguyeny2@msu.edu

Full Name: NGUYỄN Thị Diệu Hằng (Hang Thi Dieu NGUYEN)
Cohort Year: 2010
Degree: PhD
Subject: Biochemistry and Molecular Biology
University: Michigan State University
Email: dieuhang0502@yahoo.com

Full Name: NGUYỄN Thị Hồng Thụy (Thuy Thi Hong NGUYEN)
Cohort Year: 2007
Degree: PhD
Subject: Environmental Science
University: Washington State University
Email: autumnyvn@yahoo.com

PUBLICATIONS

Journal Articles

Nguyen, T., and Andrew Ford. 2010. Learning from the neighbors: Economic and environmental impacts from intensive shrimp farming in the Mekong Delta of Vietnam. *Sustainability* 2 (7): 2144-62.

Thesis/Dissertation

Nguyen, T. 2009. Modeling socio-economic and environmental impacts of shrimp farming in the Mekong Delta, Vietnam. Master's thesis, Washington State University.

AWARDS

The Vietnam Education Foundation Fellows Association Service Award, awarded by Vietnam Education Foundation Fellows Association, January 5, 2010.

Award for Poster Presentation of VEF Annual Conference, awarded by Vietnam Education Foundation Fellows Association, January 5, 2009.

Full Name: NGUYỄN Thị Hồng Vân (Van Thi Hong NGUYEN)
Cohort Year: 2009
Degree: Master's
Subject: Electrical and Computer Engineering (ECE)
University: Georgia Institute of Technology
Email: van_ptithcm@yahoo.com

Full Name: NGUYỄN Thị Lê Trang (Trang Thi Le NGUYEN)
Cohort Year: 2008
Degree: PhD
Subject: Industrial and Systems Engineering
University: University of Florida
Email: trang@ufl.edu

AWARDS

Certificate of Outstanding Achievement, awarded by University of Florida International Center, April 1, 2010.

Full Name: NGUYỄN Thị Minh Thảo (Thao Thi Minh NGUYEN)
Cohort Year: 2004
Degree: PhD
Subject: Geography
University: University of Southern California
Email: maggie_nguyen2003@yahoo.com

Full Name: NGUYỄN Thị Nguyệt Hằng (Hang Thi Nguyet NGUYEN)
Cohort Year: 2010
Degree: PhD
Subject: Civil & Environmental Engineering
University: University of Washington
Email: nguyethangxd@gmail.com

Full Name: NGUYỄN Thị Phương Nhung (Nhung Thi Phuong NGUYEN)

Cohort Year: 2010

Degree: PhD

Subject: Epidemiology

University: University of Texas at Houston

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Full Name: NGUYỄN Thị Quỳnh Vân (Van Thi Quynh NGUYEN)

Cohort Year: 2006

Degree: PhD

Subject: Human Nutrition

University: University of Illinois at Chicago

Email: quynhvannt@yahoo.com

PUBLICATIONS

Conference Presentations

Tussing-Humphreys, L., V. Nguyen, J. Rimmer, Y. Eisenberg, and C. Braunschweig. 2010. Dietary behavior of urban, physically-disabled adults: Preliminary findings from the health empowerment zone (HEZ) study. Presentation at the Obesity Society's 2010 Annual Scientific Meeting, San Diego, CA, United States.

Full Name: NGUYỄN Thị Thu Thủy (Thuy Thi Thu NGUYEN)

Cohort Year: 2004

Degree: PhD

Subject: Civil Engineering

University: University of Texas at Austin

Email: thuyttnguyen@mail.utexas.edu

PUBLICATIONS

Conference Papers

Nguyen, T., F. Mondragon, W. O'Brien, and K. Schmidt. 2010. Understanding our students: A technology and construction baseline survey. In *Proceedings of the International Conference on Computing in Civil and Building Engineering 2010.* Nottingham, United Kingdom: International Conference On Computing In Civil And Building Engineering.

Nguyen, T., W. O'Brien, and K. Schmidt. 2009. Construction student technology skill assessment: A survey instrument. In *Proceedings of the 2009 Construction Research Congress,* 339-53. United States: American Society of Civil Engineers.

Nguyen, T., F. Mondragon, W. O'Brien, and K. Schmidt. 2009. Technology-enhanced instructional design in construction: Framework and case study. In *American Society for Engineering Education 2009 Annual Conference and Exposition,* CD-ROM. United States: American Society for Engineering Education.

Nguyen, T., K. Schmidt, and W. O'Brien. 2008. Technology skill assessment of construction students and professional workers. In *American Society for Engineering Education 2008 Annual Conference and Exposition,* CD-ROM. United States: American Society for Engineering Education.

Full Name: NGUYỄN Thị Thùy Trang (Trang Thi Thuy NGUYEN)
Cohort Year: 2010
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Full Name: NGUYỄN Tiến Đạt (Dat Tien NGUYEN)
Cohort Year: 2006
Degree: PhD
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University: University of Iowa
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PUBLICATIONS

Journal Articles

Grechkin, T., D. Nguyen, J. Cremer, J. Kearney, and J. Plumert. 2010. How does presentation method and measurement protocol affect distance estimation in real and virtual environments? *ACM Transactions on Applied Perception:* 20-38.

Conference Papers

Nguyen, D., C. J. Ziemer, J. M. Plumert, J. F. Cremer, and J. K. Kearney. 2009. Effects of scale change on distance perception in virtual environments. In *Symposium on Applied Perception in Graphics and Visualization,* 27-34. United States: ACM.

Conference Presentations

Nguyen, D., T. Grechkin, J. Cremer, J. Kearney, and J. Plumert. 2010. Effect of measurement setting in judging traveled distance: Additional evidence for underestimation of distance in virtual environment. Presentation at Applied Perception in Graphics and Visualization, Los Angeles, CA, United States.

Full Name: NGUYỄN Tiến Lương (Luong Tien NGUYEN)
Cohort Year: 2009
Degree: PhD
Subject: Pharmaceutical Sciences
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Full Name: NGUYỄN Trà Mi (Mi Tra NGUYEN)
Cohort Year: 2009
Degree: PhD
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Full Name: NGUYỄN Trí Dũng (Dung Tri NGUYEN)
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Degree: PhD
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Full Name: NGUYỄN Trọng Dũng (Dung Trong NGUYEN)
Cohort Year: 2005
Degree: PhD
Subject: Electrical and computer Engineering
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PUBLICATIONS

Conference Papers

Nguyen, D., Trac Tran, Chiman Kwan, and Bulent Ayhan. 2010. Endmember extraction in hyperspectral images using l-1 minimization and linear complementary programming. In *SPIE Algorithms and Technologies for Multispectral, Hyperspectral, and Ultra-Spectral Imagery XVI,* ed. Sylvia S. Shen, Paul E. Lewis and Proceedings of SPIE, vol. 7695 76951. SPIE Symposium on SPIE Defense, Security, and Sensing: SPIE.

Full Name: NGUYỄN Trọng Hải (Hai Trong NGUYEN)
Cohort Year: 2008
Degree: PhD
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Full Name: NGUYỄN Trọng Phú (Phu Trong NGUYEN)
Cohort Year: 2010
Degree: PhD
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Degree: PhD
Subject: Computer Science
University: Michigan State University
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PUBLICATIONS

Conference Papers

Nguyen, K., Ronald L. Allen, and Anil K. Jain. 2010. Automated Gland Segmentation and Classification for Prostate Cancer Grading. In 2010 *International Conference on Pattern Recognition,* ed. Juan Guerrero, Istanbul, Turkey: IEEE Computer Society.

Full Name: NGUYỄN Tú Duy (Duy Tu NGUYEN)
Cohort Year: 2008
Degree: PhD
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Degree: PhD
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Full Name: NGUYỄN Tuấn Anh (Anh Tuan NGUYEN)
Cohort Year: 2010
Degree: PhD
Subject: Epidemiology
University: University of Texas at Houston
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Full Name: NGUYỄN Tuấn Cường (Cuong Tuan NGUYEN)
Cohort Year: 2008
Degree: PhD
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Full Name: NGUYỄN Văn Khiêm (Khiem Van NGUYEN)
Cohort Year: 2006
Degree: PhD
Subject: Chemistry
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Full Name: NGUYỄN Văn Thắng (Thang Van NGUYEN)
Cohort Year: 2004
Degree: PhD
Subject: Immunology
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Full Name: NGUYỄN Văn Tiến Dũng (Dung Van Tien NGUYEN)
Cohort Year: 2005
Degree: PhD
Subject: Physics
University: Brown University
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PUBLICATIONS

Journal Articles

Nguyen, D., Marcus Spradlin, Anastasia Volovich, and Congkao Wen. 2010. The Tree Formula for MHV Graviton Amplitudes. *Journal of High Energy Physics (JHEP)* 07: 045.

Brandhuber, Andreas, Paul Heslop, Panagiotis Katsaroumpas, D. Nguyen, Bill Spence, Marcus Spradlin, and Gabriele Travaglini. 2010. A Surprise in the Amplitude/Wilson Loop Duality. *Journal of High Energy Physics (JHEP)* 07: 080.

Nguyen, D., Marcus Spradlin, and Anastasia Volovich. 2008. New dual conformally invariant off-shell integrals. *Physical Review D* 77:025018.

Conference Papers

Nguyen, D. 2009. MHV scattering amplitudes of N = 8 Super gravity in twistor space. In *Rencontres de Blois: Windows on the Universe 2009.* Blois, France: Rencontres de Blois.

Nguyen, D. 2008. New dual-conformally invariant off-shell integrals. In *Rencontres de Moriond, QCD and High-Energy Interactions 2008.* La Thuile, Italy: Rencontres de Moriond.

Full Name: NGUYỄN Vạng Phúc Nguyên (Nguyen Vang Phuc NGUYEN)
Cohort Year: 2010
Degree: PhD
Subject: Industrial Engineering
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Full Name: NGUYỄN Viết Cường (Cuong Viet NGUYEN)
Cohort Year: 2008
Degree: PhD
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Full Name: NGUYỄN Việt Hưng (Hung Viet NGUYEN)
Cohort Year: 2009
Degree: PhD
Subject: Computer Engineering
University: Iowa State University
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Full Name: NGUYỄN Viết Tú (Tu Viet NGUYEN)
Cohort Year: 2007
Degree: PhD
Subject: Electrical and Computer Engineering
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OTHER RECOGNITION

Nguyen, Tu Viet. 2010. Master's thesis, University of California at San Diego.

Full Name: NGUYỄN Đình Long Vân (Long Van NGUYEN DINH)
Cohort Year: 2008
Degree: PhD
Subject: Computer Science
University: Purdue University
Email: muntron@yahoo.com

PUBLICATIONS

Newsletters

Nguyen, Van., Walid G. Aref, and Mohamed F. Mokbel. 2010. Spatio-temporal access methods: Part 2 (2003 - 2010). *Bulletin of the Technical Committee on Data Engineering,* June 1, 46-55.

Full Name: NGUYỄN Hữu Phước Nguyên (Phuoc Nguyen NGUYEN HUU)
Cohort Year: 2007
Degree: PhD
Subject: Mechanical Engineering
University: University of Michigan at Ann
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Full Name: NGUYỄN Lê Thanh An (Thanh An NGUYEN LE)
Cohort Year: 2008
Degree: PhD
Subject: Health Policy and Administration
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Full Name: NGUYỄN Thanh Nhật Tân (Tan Nhat NGUYEN THANH)
Cohort Year: 2009
Degree: PhD
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Full Name: NGUYỄN Trần Diễm Hằng (Diem Hang NGUYEN TRAN)
Cohort Year: 2008
Degree: PhD
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Full Name: NHÂM Thị Ngọc (Ngoc Thi NHAM)
Cohort Year: 2009
Degree: PhD
Subject: Horticulture & Agronomy
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Full Name: PHẠM Kim Sơn (Kim Son PHAM)
Cohort Year: 2008
Degree: PhD
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Full Name: PHẠM Đình Trọng (Trong Dinh PHAM)
Cohort Year: 2010
Degree: PhD
Subject: Chemical Engineering
University: University of Delaware
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Full Name: PHẠM Đức Nam (Nam Duc PHAM)
Cohort Year: 2004
Degree: PhD
Subject: Electrical and computer Engineering
University: University of Illinois at Urbana – Champaign
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Full Name: PHẠM Nguyệt Tú (Tu Nguyet PHAM)
Cohort Year: 2006
Degree: PhD
Subject: Chemical Engineering
University: University of Oklahoma
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Full Name: PHẠM Thị Việt Mai (Mai Thi Viet PHAM)
Cohort Year: 2007
Degree: PhD
Subject: Agricultural and Biological Engineering
University: University of Illinois at Urbana - Champaign
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PUBLICATIONS

Journal Articles

Pham, M., Eric. A. Mintz, and Thanh H. Nguyen. 2009. Deposition kinetics of bacteriophage MS2 to natural organic matter: Role of divalent cations. *Journal Of Colloid And Interface Science* 338 (1): 1-9.

Yuan, B. L., M. Pham, and T. H. Nguyen. 2008. Deposition kinetics of bacteriophage MS2 on a silica surface coated with natural organic matter in a radial stagnation point flow cell. *Environmental Science & Technology* 42 (20): 7628-33.

Conference Presentations

Pham, M., and Thanh H. Nguyen. 2009. Role of divalent cations on deposition kinetics of MS2 virus onto natural organic matter. Presentation at Material Research Society (MRS) Spring meeting, in San Francisco, CA, United States.

Thesis/Dissertation

Pham, M. 2009. Deposition kinetics of bacteriophage MS2 to natural organic matter: Role of divalent cations. Master's thesis, University of Illinois at Urbana Champaign.

Full Name: PHẠM Thủy Trang (Trang Thuy PHAM)
Cohort Year: 2007
Degree: PhD
Subject: Cell and Molecular Biology
University: Duke University
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Full Name: PHẠM Tuấn Minh (Minh Tuan PHAM)
Cohort Year: 2004
Degree: PhD
Subject: Physics
University: University of Illinois at Urbana - Champaign
Email: mpham2@uiuc.edu

Full Name: PHẠM Tùng Anh (Anh Tung PHAM)
Cohort Year: 2005
Degree: PhD
Subject: Plant, Insect, and Microbial Sciences
University: University of Missouri - Columbia
Email: gianganh306@gmail.com

PUBLICATIONS

Conference Presentations

Pham, A., Jeong-Dong Lee, J. Grover Shannon, and Kristin Bilyeu. 2010. Production of high oleic soybean using molecular breeding. Presentation at 13th Biennial Cellular and Molecular Biology of the Soybean Conference, Durham, NC, United States.

INTELLECTUAL PROPERTY PATENTS

Pham, A., Jeong-Dong Lee, J. Grover Shannon, and Kristin Bilyeu. 2010. Method to develop high oleic acid soybean using molecular breeding techniques. U.S. Department of Commerce, filed July 8, 2010, and issued December 20, 2010.

AWARDS

Award to attend 13th Biennial Molecular & Cellular Biology of the Soybean Conference, Durham, NC, on August 8-11, awarded by 13th Biennial Molecular & Cellular Biology of the Soybean Conference, Durham, NC, August 8-11, July 2, 2010.

Fellowship Award for the 12th World Congress of the IAPB, awarded by the 12th World Congress of the IAPB, May 4, 2010.

Travel Award, awarded by Division of Plant Science, November 5, 2009.

Full Name: PHẠM Vĩnh Hòa (Hoa Vinh PHAM)

Cohort Year: 2006

Degree: PhD

Subject: Electrical and Computer Engineering

University: University of Illinois at Urbana - Champaign

Email: phamhoavn@gmail.com

PUBLICATIONS

Conference Papers

Pham, H., Wei Dai, and Olgica Milenkovic. 2010. Compressive list-support recovery for colluder identification. In *IEEE International Conference on Acoustics Speech and Signal Processing, 2010,* 4166-69. Dallas, TX, United States: IEEE.

Pham, H., Wei Dai, and Olgica Milenkovic. 2009. Sub-linear compressive sensing reconstruction via belief propagation decoding. In *IEEE International Symposium on Information Theory,* 674-78. Seoul, Korea: IEEE.

Dai, Wei, H. Pham, and Oligca Milenkovic. 2009. A comparative study of quantized compressive sensing schemes. In *IEEE International Symposium on Information Theory,* 2009, 11-15. Seoul, Korea: IEEE.

Dai, Wei, H. Pham, Oligca Milenkovic. 2009. Distortion-rate functions for quantized compressive sensing. In *IEEE Information Theory Workshop on Networking and Information Theory,* 2009, 171-75. Volos, Greece: IEEE.

Full Name: PHAN Công Mạnh (Manh Cong PHAN)

Cohort Year: 2009

Degree: PhD

Subject: Electrical Engineering

University: Oklahoma State University

Email: manh.phan@okstate.edu

Full Name: PHAN Hữu Phúc (Phuc Huu PHAN)

Cohort Year: 2008

Degree: PhD

Subject: Epidemiology

University: University of Texas at Houston

Email: huuphucphan@yahoo.com

Full Name: PHAN Minh Liêm (Liem Minh PHAN)

Cohort Year: 2005

Degree: PhD

Subject: Biomedical Sciences, Cell Biology

University: University of Texas at Houston

Email: pmliem@yahoo.com

PUBLICATIONS

Journal Articles

McKeller, M., R. Rangel, C. Cande, J. Sims-Mourtada, B. Ortiz-Quintero, W. Ma, L. Phan, S. Herrera-Rodriguez, C. Kashi, V. Melnikova, S. Shishodia, B. Aggarwal, M. Blackburn, G. Kroemer, K. Singh, and H. Martinez-Valdez. 2010. Vital function of PRELI and essential requirement of its LEA motif. *Cell Death and Disease - Nature Publishing Group:* 1038-48.

Yang, H. Y., Y.-Y. Wen, Y. I. Lin, L. Phan, C.-H. Su, H. Yang, J. Chen, and M.-H. Lee. 2007. Roles for negative cell regulator 14-3-3sigma in control of MDM2 activities. *Oncogene-Nature Publishing Group:* 7355-62.

Phan, L., and N. Phan. 2005. Effects of the combined immunosuppressive therapy with Cytarabine and Cyclophosphamide on *Mus musculus var. Albino. Vietnam National Conference of Biomedical Sciences, Hanoi, Vietnam,* 2005.

Conference Papers

Gully, C., E. Wang, G. Velazquez-Torres, J. Chen, C. Carlock, W. Yu, L. Phan, F. Zhang, S.-C. Yeung, and M.-H. Lee. 2010. Aurora B kinase has multi-layered control of tumor suppressor p53. In *M.D. Anderson Cancer Center Trainee Research Day* (2010). Houston, TX, United States: M.D. Anderson Cancer Center.

Velazquez-Torres,G., C. Gully, L. Phan, S.-C. J. Yeung, and M.-H. Lee. 2009. Treatment for diabetes mellitus 2 could prevent pancreatic cancer cell growth. Presentation at American Association for Cancer Research Annual Meeting.

Conference Presentations

Gully, C., E. Wang, G. Velazquez-Torres, J. Chen, C. Carlock, W. Yu, L. Phan, F. Zhang, S.-C. Yeung, and M.-H. Lee. 2010. Aurora B kinase has multi-layered control of tumor suppressor p53.. Presentation at M.D. Anderson Cancer Center Trainee Research Day (2010). Received Finalist Award, Houston, TX.

AWARDS

United To Serve Volunteer Day Award, awarded by University of Texas at Houston, Student InterCouncil, September 1, 2010.

Andrew Huggins - Sylvan Rodriguez/Cancer Answers Award Scholarship, awarded by Sylvan Rodriguez Foundation, The Graduate School of Biomedical Sciences, The University of Texas at Houston, February 1, 2010.

The Department of Defense Breast Cancer Pre-Doctoral Traineeship Award, Department of Defense, April 15, 2010.

Sylvan Rodriguez/Cancer Answers Award Scholarship, awarded by Sylvan Rodriguez Foundation, The Graduate School of Biomedical Sciences, University of Texas at Houston, February 1, 2010.

Best Scientific Presentation Award, awarded by Vietnam Education Foundation Fellows Association, January 5, 2010.

Vietnam Education Foundation - Certification of Appreciation, awarded by Vietnam Education Foundation, January 5, 2010.

The T. C. Hsu Endowed Memorial Scholarship, awarded by University of Texas Graduate School of Biomedical Sciences, November 5, 2009.

Rosalie B. Hite Fellowship, awarded by Rosalie B. Hite Foundation and M.D. Anderson Cancer Center, September 1, 2009.

2nd Prize for Scientific Presentation Award, awarded by Vietnam Education Foundation and National Academy of Sciences, January 6, 2009.

OTHER RECOGNITION

President of Graduate Student Association, the Graduate School of Biomedical Sciences, the University of Texas at Houston, M.D. Anderson Cancer Center, Houston, Texas, 2010-11.

Andrew Sowell-Wade Huggins Scholarships, Sylvan Rodriguez/Cancer Answers Award Scholar. 2010.

Full Name: QUÁCH Ngọc Truyền (Truyen Ngoc QUACH)

Cohort Year: 2005

Degree: PhD

Subject: Plant Sciences, Plant Breeding, and Biotechnology

University: University of Missouri - Columbia

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PUBLICATIONS

Journal Articles

Tran, L. S., T. Quach, S. K. Guttikonda, D. L. Aldrich, R. Kumar, A. Neelakandan, B. Valliyodan, and H. T. Nguyen. 2009. Molecular characterization of stress-inducible GmNAC genes in soybean. *Molecular Genetics and Genomics* 281, 6 (June): 647-64.

Full Name: TẠ Hoàng Hải (Hai Hoang TA)

Cohort Year: 2007

Degree: PhD

Subject: Electrical and computer Engineering

University: University of California at Davis

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PUBLICATIONS

Journal Articles

Ta, H., and Anh-Vu Pham. 2010. Development of compact broadband folded hybrid coupler on multilayer organic substrate. *IEEE microwave and wireless components letters* 20, 2 (2): 76-78.

Conference Papers

Ta, H., and Anh-Vu Pham. 2010. Development of compact resonator and transmission lines based on multi-layer CRLH structure. In *Asian Pacific Microwave Conference 2009,* 127-30. Singapore: IEEE.

Ta, H., and Anh-Vu Pham. 2010. Compact Wilkinson power divider based on novel via-less composite right/left-handed (CRLH) transmission lines. In *International Conference on Communications and Electronics*. Vietnam: IEEE.

INTELLECTUAL PROPERTY PATENTS

Ta, H., and Anh-Vu Pham. 2010. Compact planar wide bandwidth balun. U.S. Provisional Patent, filed May 5, 2010, and issued May 5, 2010.

Full Name: TĂNG Thị Hà Yên (Yen Thi Ha TANG)

Cohort Year: 2007

Degree: PhD

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Cohort Year: 2009

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Full Name: TRẦN Cường (Cuong TRAN)

Cohort Year: 2006

Degree: PhD

Subject: Computer Science and Engineering (CSE)

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PUBLICATIONS

Conference Papers

Tran, C., and Mohan M. Trivedi. 2009. Driver assistance for 'keeping hands on the wheel and eyes on the road'. In *2009 IEEE International Conference on Vehicular Electronics and Safety)*. 97-101. United States: IEEE.

Tran, C., and Mohan M. Trivedi. 2008. Hand modeling and tracking from Voxel data: An integrated framework with automatic initialization. In *The 19th International Conference on Pattern Recognition, 2008.* 1-4. United States: IEEE.

Tran, C., and Mohan M. Trivedi. 2008. Human body modeling and tracking using volumetric representation: Selected recent studies and possibilities for extensions. In *The Second ACM/IEEE International Conference on Distributed Smart Cameras AMMCSS Workshop, 2008*.1-9. United States: IEEE.

Conference Presentations

Tran, C., and Mohan M. Trivedi. 2010. Towards a vision-based system exploring 3D driver posture dynamics for driver assistance: Issues and possibilities. Presentation at IEEE Intelligent Vehicles Symposium, 2010, San Diego, CA, United States.

Tran, C., and Mohan M. Trivedi. 2009. Introducing "XMOB": Extremity movement observation framework for upper body pose tracking in 3D. Presentation at the 11th IEEE International Symposium on Multimedia, 2009, in San Diego, CA, United States.

OTHER RECOGNITION

Honorable Mention, 2010 IEEE Intelligent Vehicles Symposium, PhD Dissertation Forum, June 2010.

Full Name: TRẦN Công Tâm (Tam Cong TRAN)

Cohort Year: 2010

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Degree: PhD

Subject: Computer Science

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PUBLICATIONS

Conference Papers

Tran, D., and David Forsyth. 2010. Improved human parsing with a full relational model. In ***European Conference on Computer Vision*** 2010 Conference Proceedings, ed. Lecture Notes in Computer Science, 100-14. Greece: Lecture Notes in Computer Science.

Tran, D., and David Forsyth. 2007. Configuration estimates improve pedestrian finding. In ***Neural Information Processing Systems*** 2007, ed. ***Neural Information Processing Systems*** 100-08. Canada: ***Neural Information Processing Systems.***

Full Name: TRẦN Đức Hân (Han Duc TRAN)

Cohort Year: 2004

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PUBLICATIONS

Conference Presentations

Trinh, T., Craig M. Tenney, and Christian M. Lastoskie. 2009. Pre- and post-combustion carbon capture using flexible metal-organic framework adsorbents. Presentation at American Institute of Chemical Engineers Annual Meeting 2009, Nashville, TN, United States.

Trinh, T., Christian M. Lastoskie, and Katsumi Kaneko. 2007. Hydrogen storage in single-wall carbon nanohorns. Presentation at American Institute of Chemical Engineers Annual Meeting 2007, Salt Lake City, UT, United States.

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Cohort Year: 2010
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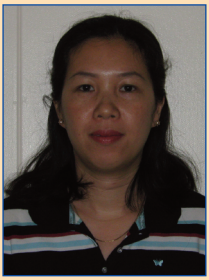

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PUBLICATIONS

Journal Articles

Tran, N., A. Mir, D. Mallik, A. Sinha, S. Nayar, and T. J. Webster. 2010. Bactericidal effect of iron oxide nanoparticles on Staphylococcus aureus. *International Journal of Nanomedicine* 5: 277-83.

Tran, N., and T. J. Webster. 2009. Nanotechnology for bone materials. *Wiley Interdiscplinary Review Nanomedicine and Nanobiotechnology* 1 (3): 336-51.

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Cohort Year: 2009
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Cohort Year: 2007
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PUBLICATIONS

Journal Articles

Tran, Mai., Jinesh Gerald Goodwin, David J. McConkey, and Ashish M. Kamat. 2010. Bladder cancer stem cells. *Current Stem Cells Research and Therapy*: 765.

Full Name: TRẦN Nguyễn Nhị Thừa (Thua Nguyen Nhi TRAN)
Cohort Year: 2005
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PUBLICATIONS

Conference Papers

Tran, P., and J. S. Lehnert. 2009. Joint optimization of power allocation and cooperation in wireless OFDM networks. In *International Conference on Advanced Technologies for Communications,* 2009, ed. Nguyen Van Ngo and Doug Zuckerman, 289-94. Hai Phong, Vietnam: Vietnam National University Publisher.

Full Name: TRẦN Thị Hoài Thu (Thu Thi Hoai TRAN)

Cohort Year: 2006

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PUBLICATIONS

Conference Presentations

Tran, T., Andrew Jarrell, Isaac Brownell, and Radhika Atit. 2010. Distinct role of canonical Wnt signaling/beta-catenin in inducing cranial dermal cells from a multi-potential precursor. Presentation at 2010 Great Lakes Mammalian Development Meeting, Toronto, Canada.

Tran, T., Andrew Jarrell, Adrienne Welsh, and Radhika Atit. 2010. Canonical Wnt signaling/beta-catenin promotes cranial dermal cell fate in a multi-potential precursor. Presentation at Gordon Research Conference: Craniofacial Morphogenesis and Tissue Regeneration, April 2010, Il Ciocco, Italy.

Tran, T., John Myers, and Radhika Atit. 2008. Roles of Wnt signaling/beta-catenin in craniofacial dermal development. Presentation at Keystone Symposia: Wnt/beta-Catenin Signaling in Development and Disease 2/2008, Keystone, CO, United States.

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PUBLICATIONS

Conference Papers

Tran, T., A. McGregor, Y. Diao, L. Peng, and A. Liu. 2010. Conditioning and Aggregating Uncertain Data Streams: Going Beyond Expectations. In *Proceedings of the Very Large Data Bases Endowment,* 1302-13. Singapore: Very Large Data Base Endowment.

Tran, T., L. Peng, B. Li, Y. Diao, and A. Liu. 2010. PODS: A new model and processing algorithms for uncertain data streams. In *Special Interest Group on Management of Data),* 159-70. New York, United States: ACM.

Tran, T., C. Sutton, R. Cocci, Y. Nie, Y. Diao, and P. Shenoy. 2009. Probabilistic inference over RFID streams in mobile environments. In *International Conference on Data Engineering)*, 1096-1107. Washington, DC, United States: IEEE Computer Society.

Diao, Y., B. Li, A. Liu, L. Peng, C. Sutton, T. Tran, and M. Zink. 2009. Capturing data uncertainty in high-volume stream processing. In *Conference on Innovative Data Systems Research,* www.crdrdb.org.

Cocci, R., T. Tran, Y. Diao, and P. Shenoy. 2008. Efficient data interpretation and compression over RFID streams. In *International Conference on Data Engineering,* 1445-47. Washington, DC,United States: IEEE Computer Society.

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Cohort Year: 2008
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PUBLICATIONS

Conference Presentations

Tran, D., and M. C. Fitzgerald. 2010. Slow H/D Exchange of histidine residues as a probe of protein folding and stability. Presentation at American Society for Mass Spectrometry, Salt Lake City, UT, United States.

Full Name: TRẦN Thị Ngọc Hà (Ha Thi Ngoc TRAN)
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PUBLICATIONS

Journal Articles

Tran, A., Dean Truong, and Bevan Baas. 2010. A reconfigurable source-synchronous on-chip network for gals many-core platforms. *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems* 29 (6): 897-910.

Truong, Dean, Wayne Cheng, Tinoosh Mohsenin, Zhiyi Yu, Toney Jacobson, Gouri Landge, Michael Meeuwsen, Christine Watnik, Paul Mejia, A. Tran, Jeremy Webb, Eric Work, Zhibin Xiao, and Bevan Baas. 2009. A 167-processor computational platform in 65 nm CMOS. *IEEE Journal of Solid-State Circuits* 44 (4): 1130-44.

Conference Papers

Tran, A., and Bevan Baas. 2010. DLABS: a Dual-Lane Buffer-Sharing Router Architecture for Networks on Chip. In *IEEE Workshop on Signal Processing Systems,* 331-36. Cupertino, CA, United States: IEEE.

Tran, A., and Bevan Baas. 2010. Design of an Energy-Efficient 32-bit Adder Operating at Subthreshold Voltages in 45-nm CMOS. In *International Conference on Communications and Electronics,* AE.02. Nha Trang, Vietnam: IEEE.

Tran, A., and Bevan Baas. 2010. DLABS: A dual-lane buffer-sharing router architecture for networks on chip. In *IEEE Workshop on Signal Processing Systems.* San Francisco, CA, United States: IEEE.

Tran, A., and Bevan Baas. 2010. Design of an energy-efficient 32-bit adder operating at subthreshold voltages in 45-nm CMOS. In *International Conference on Communications and Electronics.* Nha Trang, Vietnam: IEEE.

Tran, A., Dean Truong, and Bevan Baas. 2009. A low cost high speed source-synchronous interconnection technique for GALS chip multiprocessors. In *IEEE International Symposium on Circuits and Systems,* 996-99. Taipei, Taiwan: IEEE.

Tran, A., Dean Truong, and Bevan Baas. 2009. A GALS many-core heterogeneous DSP platform with source-synchronous on-chip interconnection network. In *ACM/IEEE International Symposium on Networks on-Chip,* 214-23. San Diego, CA, United States: IEEE.

Truong, Dean, Wayne Cheng, Tinoosh Mohsenin, Zhiyi Yu, Toney Jacobson, Gouri Landge, Michael Meeuwsen, Christine Watnik, Paul Mejia, A. Tran, Jeremy Webb, Eric Work, Zhibin Xiao, and Bevan Baas. 2008. A 65nm multi-core computational platform with per-processor dynamic supply voltage and

clock frequency scaling. In *IEEE International Symposium on VLSI Circuits,* C3.1. Honolulu, HI, United States: IEEE.

Tran, A., Dean Truong, and Bevan Baas. 2008. A complete real-time 802.11a baseband receiver implemented on an array of programmable processors. In *IEEE Asilomar Conference on Signals, Systems and Computers,* 165-70. Pacific Grove, CA, United States: IEEE.

Thesis/Dissertation

Tran, A. 2009. Design of on-chip networks for a GALS many-core DSP platform. Master's thesis, University of California at Davis.

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Cohort Year: 2004

Degree: PhD

Subject: Cancer Biology

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PUBLICATIONS

Journal Articles

Trinh, B., Nicolas G. Barengo, and Honami Naora. 2010. DLX4 confers resistance to the anti proliferative effect of transforming growth factor-b by inactivating Smad transcription complexes, submitted.

Xie, Xiaoming, Jennifer L. Hsu, Min-Gew Choi, Weiya Xia, Hirohito Yamaguchi, Chun-Te Chen, B. Trinh, Zhen Lu, Naoto T. Ueno, Judith K. Wolf, Robert C. Bast, Jr., and Mien-Chie Hung. 2009. A novel hTERT promoter–driven E1A therapeutic for ovarian cancer. *Molecular Cancer Therapeutics August*; 8 (8): 2375-82.

Vu Thi Ngoc Bich, Nguyen Kim Do, B. Trinh, Bach Thi Nhu Quynh, Dinh Duy Khang, and Dinh Thuong Van. 2005. Detect and quantify yellow head virus load in shrimp using real-time PCR with SYBR green. *Journal of Science (Hanoi National University)* 21(2): 59-65.

Conference Papers

Le, Chinh Thi Minh, Ban Duy Dai, Chau Minh Hoang, Vu Van Nguyen, Dung Trung Le, Khang Duy Dinh, Quynh Thi Nhu Bach, B. Trinh, Quan Hong Duong, Hoang Huy Nguyen, Dam Thanh Nguyen, and Duc Ba Nguyen. 2004. Detection of BRCA1 and BRCA2 mutations in breast cancer patients by real-time PCR. In *National Conference on Basic Research,* 372-76. Vietnam: Institute of Military Medicine.

Conference Presentations

Trinh, B., Nicolas G. Barengo, and Honami Naora. 2009. Novel function of homeobox gene DLX4 in regulating tumor angiogenesis . Presentation at the American Association for Cancer Research 100th Annual Meeting, Denver, CO, United States.

Trinh, B., Nicolas G. Barengo, and Honami Naora. 2009. The role of homeobox gene DLX4 in angiogenesis of ovarian cancer. Presentation at 2nd World Cancer Congress, Beijing, China.

Trinh, B., X. M. Xie, and M. C. Hung. 2008. Enhanced hTERT promoter and its potential application for ovarian cancer gene therapy. Presentation at the 4th Vietnam Education Foundation Annual Conference, Irvine, CA, United States.

Trinh, B., Nicolas G. Barengo, and Honami Naora. 2008. Novel function of homeobox gene DLX4 in tumor angiogenesis. Presentation at UTHSC-H Research Day-Complex Determinants in Health: Interactions of Genetic Factors and Environmental Influences, Houston, TX, United States.

Trinh B., and M. C. Hung. 2005. Epidermal growth factor (EGF) receptor and its potential role in the nucleus. Presentation at 2nd Vietnam Education Foundation Annual Conference, Irvine, CA, United States.

AWARDS

Schissler Foundation Fellowship in the Genetics of Human Disease, awarded by Schissler Foundation, January 1, 2010.

Schissler Foundation Fellowship in the Genetics of Human Disease, awarded by Schissler Foundation, December 1, 2009.

Trainee Excellent Award, awarded by M. D. Anderson Cancer Center, July 1, 2009.

International Conference Travel Grant, awarded by Vietnam Education Foundation, June 1, 2009.

GSBS International Meeting Travel Award, awarded by Graduate School of Biomedical Sciences, University of Texas at Houston, May 20, 2009.

Trainee Research Day Graduate Student Award in Basic Science, awarded by M. D. Anderson Alumni and Faculty Association, May 1, 2009.

Best Poster Presentation Award, awarded by Vietnam Education Foundation, January 4, 2009.

Student Poster Presentation Award, awarded by University of Texas Health Sciences Center, October 25, 2008.

Teaching Assistant Award, awarded by Graduate School of Biomedical Sciences, University of Texas at Houston, January 1, 2007.

Best Presentation Award, Biological and Chemistry Scientific Session, awarded by Vietnam Education Foundation, December 1, 2005.

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Cohort Year: 2006

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PUBLICATIONS

Journal Articles

Panah, A. Y., K. Truong, S. W. Peters, and R. W. Heath, Jr. 2011. Interference Management Schemes for the Shared Relay Concept. *European Association for Signal Processing Journal on Advances in Signal Processing* 2011: 14.

Truong, K., and R. W. Heath, Jr. 2010. Multimode Antenna Selection for MIMO Amplify-and-Forward Relay Systems. *IEEE Transactions on Signal Processing* 58, 10: 101-14.

Peters, S. W., A. Y. Panah, K. Truong, and R. W. Heath, Jr. 2009. Relay architecture for 3GPP LTE advanced. *EURASIP Journal on Wireless Communications and Networking* 2009: 1-14.

Conference Papers

Truong, K., and R. W. Heath, Jr. 2010. Adaptive transmit antenna selection in MIMO amplify-and-forward relay channels. In *International Conference on Acoustics, Speech, and Signal Processing,* 3022-25. Dallas, TX, United States: IEEE.

Vaze, R., K. Truong, R. W. Heath, Jr., and S. Weber. 2010. Two-way transmission capacity of wireless ad hoc networks. In *International Symposium on Information Theory,* 1-5. Austin, TX, United States: IEEE.

Truong, K., S. Weber, and R. W. Heath, Jr. 2009. Transmission capacity of two-way communication in wireless ad hoc networks. *In International Conference on Communication,* 1-5. Dresden, Germany: IEEE.

Kim, W., M. O. Khan, K. Truong, S.-H.. Choi, R. Grant, H. K. Wright, K. Mandke, R. C. Daniels, R. W. Heath, Jr., and S. Nettles,. 2009. An experimental evaluation of rate adaptation for multi-antenna systems. In *International Conference on Computer Communications*, 2313-21. Rio de Janeiro, Brazil: IEEE.

Daniels, R. C., K. Mandke, K. Truong, S. Nettles, and R. W. Heath, Jr. 2008. Throughput/Delay measurements of limited feedback beamforming in indoor wireless networks. In *Global Communications Conference,* 1-6. New Orleans, LA, United States: IEEE.

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PUBLICATIONS

Conference Presentations

Vu, A. 2010. 3DOM/m LiFePO4/C cathode materials for high power lithium ion batteries. Presentation at Industrial Partnership for Research in Interfacial and Materials Engineering, Minneapolis, MN, United States.

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PUBLICATIONS

Journal Articles

Vu, L., Indranil Gupta, Klara Nahrstedt, and Jin Liang. 2011. Understanding the overlay characteristics of a large-scale peer-to-peer IPTV system. *ACM Transactions on Multimedia Computing, Communications and Applications.*

Conference Papers

Vu, L., Klara Nahrstedt, and Matthias Hollick. 2008. Mobiquitous. In *Exploiting Schelling Behavior for Improving Data Accessibility in Mobile Peer-to-Peer Networks.* United States: ACM.

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Cohort Year: 2007

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PUBLICATIONS

Conference Papers

Vu, D., and A. Slavkovic. 2009. Differential privacy for clinical trial data: Preliminary evaluations. In *Proceedings of the 2009 IEEE International Conference on Data Mining Workshops,* 138-43. Washington, DC: IEEE Computer Society.

Elkarablieh, B., S. Khurshid, D. Vu, and K. McKinley. 2007. Starc: Static analysis for efficient repair of complex dat. In *Proceedings of the 22nd ACM Conference on Object-Oriented Programming, Systems, Languages, and Applications,* 387-403. New York, NY, United States: ACM.

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Cohort Year: 2006

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PUBLICATIONS

Journal Articles

Vu, V., J. P. Emerson, M. Martinho, Y. S. Kim, E. Munck, M. H. Park, and L. Que, Jr. 2009. Human deoxyhypusine hydroxylase, an enzyme involved in regulating cell growth, activates O2 with a nonheme diiron center. *Proceedings of the National Academy of Sciences* 106: 14814-19.

Frisch, J. R., V. Vu, M. Martinho, E, Munck, and L. Que, Jr. 2009. Characterization of two distinct adducts in the reaction of a nonheme diiron(II) complex with O2. *Inorganic Chemistry* 48: 8325-36.

Conference Presentations

Vu, V., J. P. Emerson, M. Martinho, Y. S. Kim, E. Munck, M. H. Park, and L. Que,. Jr. 2009. Reduced diiron site in human deoxyhypusine hydroxylase can bind dioxygen to form a stable diferric peroxo cluster. Presentation at the 237th American Chemical Society National Meeting, Salt Lake City, UT, United States.

Vu, V., J. P. Emerson, M. Martinho, Y. S. Kim, E. Munck, M. H. Park, and L. Que, Jr. 2008. Human Deoxyhypusine Hydroxylase is a Diiron Enzyme. Presentation at American Chemical Society National Meeting, New Orleans, LA, United States.

AWARDS

Doctoral Dissertation Fellowship, awarded by University of Minnesota, Twin Cities, June 30, 2010.

Department of Chemistry Excellence in Graduate Studies Fellowships, awarded by Department of Chemistry, University of Minnesota, Twin Cities, January 8, 2009.

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Full Name: BÙI Công Thành (Thanh Cong BUI)
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PUBLICATIONS

Journal Articles

Leonard, A., C. Markham, T. Bui, R. Shegog, and M. Paul. 2010. Lowering the risk of secondary HIV transmission: Insights from HIV-positive youth and health care providers. P*erspectives on Sexual and Reproductive Health* 42, PMID: 20618750 (2): 110-16.

Bui, T., Pamela M. Diamond, Christine Markham, Michael W. Ross, Thanh-An Nguyen-Le, and Ly Hai Thi Tran. 2009. Gender relations and sexual communication among female students in the Mekong River Delta of Vietnam. *Culture, Health & Sexuality: An International Journal for Research, Intervention and Care* Epub: June 3, 2009, PMID: 19499393.

Markham, C. M., R. Shegog, A. D. Leonard, T. Bui, T. C., and M. E. Paul.2009. Harnessing web-based training to reduce secondary transmission among HIV-positive youth. *AIDS Care: Psychological and Socio-Medical Aspects of AIDS/HIV* 21, PMCID: PMC2730352 (5): 622-31.

Conference Papers

Bui, T., Christine Markham, Michael W. Ross, Mark Williams, R. Palmer Beasley, Huong T.H. Nguyen, Thach Ngoc Le, and Ly Thi-Hai Tran. 2009. Gender relations in the Mekong Delta of Vietnam: The applicability of the theory of gender and power. In *Training Workshop on HIV Prevention and Research.* Nha Trang, Vietnam.

Markham, C., A. Leonard, R. Shegog, T. Bui, and M. Paul. 2008. Usability study of a web-based, self-management program for HIV+ youth. In *APHA 136th Annual Meeting and Exposition,* San Diego, CA, United States.

Conference Presentations

Markham, C., A. Leonard, R. Shegog, M. Paul, and T. Bui. 2007. A computerized educational program for HIV-infected youth. Presentation at 2nd Annual Retreat of the Baylor College of Medicine, University of Texas Houston Center For AIDS Research, Houston, TX, United States.

Leonard, A., C. Markham, T. Bui, R. Shegog, and M. Paul. 2007. HIV+ youth speak out: Insights for secondary prevention. Presentation at National HIV Prevention Conference, Atlanta, GA, United States.

Leonard, A., M. Paul, R. Shegog, T. Bui, and C. Markham. 2007. The young and HAART: Perspectives of HIV+ youth and healthcare providers. Presentation at United States Conference on AIDS, Palm Springs, CA, United States.

Thesis/Dissertation

Bui, T., Christine Markham, Michael W. Ross, Mark Williams, R. Palmer Beasley, Huong T.H. Nguyen, Thach Ngoc Le, and Ly Thi-Hai Tran. 2010. Perceived gender relations and sexual relations among female undergraduate students in the Mekong Delta of Vietnam. DPH diss., University of Texas Health Science Center at Houston.

Bui, T., Nora Groce, and Hong Wang. 2006. Trends in induced abortions in developing countries. MPH thesis, Yale University School of Public Health.

AWARDS

Member of the Delta Omega Public Health Honorary Society, United States of America, awarded by Delta Omega Public Health Honorary Society, United States, April 10, 2010.

Fellowship awarded by University of Texas, Center for International Training and Research, National Institutes of Health, United States, grant # D43 TW007669, funded by the Fogarty International Center, May 1, 2007.

Full Name: BÙI Mỹ Hạnh (Hanh My BUI)
Cohort Year: 2003
Graduation Year: 2007
Degree: DMD
Subject: Dentistry
University: University of Pennsylvania
Current Job:

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AWARDS

Penn Research Award, awarded by University of Pennsylvania, School of Dental Medicine, June 1, 2004.

Full Name: BÙI Xuân Lộc (Loc Xuan BUI)
Cohort Year: 2004
Graduation Year: 2008
Degree: PhD
Subject: Electrical and Computer Engineering
University: University of Illinois at Urbana – Champaign
Current Job: Academic Training: Postdoctoral Scholar, Department of Management Science and Engineering, Stanford University, Stanford, CA (April 1, 2010 - March 31, 2011)
Email: locbui@ieee.org

PUBLICATIONS

Journal Articles

Bui, L., S. Sanghavi, and R. Srikant. 2009. Distributed link scheduling with constant overhead. *IEEE/ACM Transactions on Networking* 17, 5: 1467-80.

Bui, L., R. Srikant, and A. Stolyar. 2008. Optimal resource allocation for multicast sessions in multihop wireless networks. *Philosophical Transactions of The Royal Society, Series* A 366, 1872: 2059-74.

Bui, L., A. Eryilmaz, R. Srikant, and X. Wu. 2008. Asynchronous congestion control in multi-hop wireless networks with maximal matching-based scheduling. *IEEE/ACM Transactions on Networking* 16, 4: 826-39.

Conference Papers

Bui, L., R. Srikant, and A. Stolyar. 2009. Novel architectures and algorithms for delay reduction in back-pressure scheduling and routing. In *IEEE International Conference on Computer Communications,* 2936-40. Rio de Janeiro, Brazil: IEEE.

Bui, L., R. Srikant., and A. Stolyar. 2007. Optimal resource allocation for multicast flows in multihop wireless networks. In *IEEE Conference on Decision and Control,* 1134-39. New Orleans, LA, United States: IEEE.

Sanghavi, S., L. Bui, and R. Srikant. 2007. Distributed link scheduling with constant overhead. In *ACM International Conference on Measurement and Modeling of Computer Systems,* 313-24. San Diego, CA, United States: ACM.

Bui, L., A. Eryilmaz, R. Srikant, and X. Wu. 2006. Joint asynchronous congestion control and distributed scheduling for multi-hop wireless networks. In *IEEE International Conference on Computer Communications,* 1-12. Barcelona, Spain: IEEE.

Thesis/Dissertation

Bui, L. 2008. Optimization and algorithms for protocol design in wireless networks. PhD diss., University of Illinois at Urbana-Champaign.

OTHER RECOGNITION

Certificate of Achievement. 2010. Certificate of Achievement for Excellence in Teamwork at Airvana Inc.

Vodafone-U.S. Foundation Graduate Fellowship Award. 2007. Graduate Fellowship for the 2007-2008 Academic Year.

Vodafone-U.S. Foundation Graduate Fellowship Award. 2006. Graduate Fellowship for the 2006-2007 Academic Year.

Full Name: CAO Đỗ Xuân Uyên (Uyen Do Xuan CAO)
Cohort Year: 2005
Graduation Year: 2007
Degree: Master's
Subject: Industrial Engineering
University: Purdue University
Current Job: Modeling Industrial Engineer, Intel Products Vietnam ltd.,Vietnam, Ho Chi Minh City.
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Full Name: CHUNG Bác Ái (Ai Bac CHUNG)
Cohort Year: 2006
Graduation Year: 2010
Degree: PhD
Subject: Civil Engineering
University: Columbia University
Current Job: Lecturer, University of Architecture Department of Civil Engineering, Ho Chi Minh City
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PUBLICATIONS

Thesis/Dissertation

Chung, A. 2010. Unified modeling for sands under generalized stress paths. PhD diss., Columbia University in the City of New York.

Full Name: ĐẶNG Đình Thi (Thi Dinh DANG)
Cohort Year: 2003
Graduation Year: 2010
Degree: PhD
Subject: Mechanical Engineering
University: University of Florida
Current Job: Lecturer, Hanoi University of Technology, Hanoi

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Full Name: ĐẶNG Huy Cường (Cuong Huy DANG)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Physics
University: Brown University
Current Job: Academic Training: Postdoctoral Research Associate in Engineering, Division of Engineering and Department of Physics, Institute for Brain Science, Brown University, Providence, RI (June 01, 2010 - May 31, 2011)
Email: Cuong_Dang@brown.edu

PUBLICATIONS

Journal Articles

Bae, Joonho, Hyunjin Kim, Xiao-Mei Zhang, C. Dang, Yue Zhang, Young Jin Choi, Arto Nurmikko, and Zhong Lin Wang. 2010. Si nanowire metal-insulator-semiconductor photodetectors as efficient light harvesters. *Nanotechnology* 21: 095502.

Zhang, Qiang, C. Dang, Hayato Urabe, Jing Wang, Shouheng Sun, and Arto Nurmikko. 2008. Large ordered arrays of single photon sources based on II-VI semiconductor colloidal quantum dot. *Optics Express* 16: 19592-99.

Conference Papers

Dang, C., and Arto Nurmikko. 2010. Very low threshold of amplified spontaneous emission in II-VI colloidal quantum dots at low exciton number. In *Conference on Lasers and Electro-Optics Proceedings,* Optics InfoBase: Optical Society of America.

Zhang, Qiang, C. Dang, Hayato Urabe, Shouheng Sun, and Arto Nurmikko. 2008. Single photon emission from spatially controlled periodic arrays of II-VI quantum dots. In *Conference on Lasers and Electro-Optics Proceedings,* Optics InfoBase: Optical Society of America.

Thesis/Dissertation

Dang, C. 2010. CdSe-based colloidal semiconductor nanocrystal quantum dots: From single photon emitters to lasers. PhD diss., Brown University.

Full Name: ĐẶNG Văn Chính (Chinh Van DANG)
Cohort Year: 2004
Graduation Year: 2008
Degree: PhD
Subject: Epidemiology
University: University of Texas at Houston
Current Job: Researcher, Institute of Hygiene and Public Health, Ho Chi Minh City
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PUBLICATIONS

Journal Articles

Dang, C., R. S. Day, B. Selwyn, Y. M. Maldonado, K. C. Nguyen, T. D. Le, and M. B. Le. 2010. Initiating BMI prevalence studies in Vietnamese children: Changes in a transitional economy. *Asia Pacific Journal Clinical Nutrition* 19, 2: 209-16.

Full Name: ĐẬU Hồng Ngọc (Ngoc Hong DAU)
Cohort Year: 2004
Graduation Year: 2007
Degree: Master's
Subject: Civil Engineering
University: University of Illinois at Urbana – Champaign
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Full Name: ĐINH Hữu Hải (Hai Huu DINH)
Cohort Year: 2004
Graduation Year: 2009
Degree: PhD
Subject: Civil Engineering – Structural
University: University of Michigan at Ann Arbor
Current Job: Academic Training: Structural Engineering Design Analysis - Post-Doctoral Training (Grade P3), Moffatt and Nichol, Walnut Creek, CA (September 2, 2010 - February 29, 2012)
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PUBLICATIONS

Journal Articles

Dinh, H., Gustavo J. Parra-Montesinos, and James K. Wight. 2010. Shear behavior of steel fiber reinforced concrete beams without stirrup reinforcement. *American Concrete Institute Structural Journal,* September-October.

Dinh, H., Gustavo J. Parra-Montesinos, and James K. Wight. A shear strength model for steel fiber reinforced concrete beams without stirrup reinforcement. *American Concrete Institute Structural Journal,* under review.

Thesis/Dissertation

Dinh, H. 2009. Shear behavior of steel fiber reinforced concrete beam without stirrup reinforcement. PhD diss., University of Michigan at Ann Arbor.

Full Name: ĐINH Lan Phương (Phuong Lan DINH)
Cohort Year: 2004
Graduation Year: 2007
Degree: Master's
Subject: Electrical Engineering
University: University of Illinois at Urbana - Champaign
Current Job: Project Manager, International Relations Office, Saigon Post and Telecommunications Services Corporation, Ho Chi Minh City
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Full Name: ĐỖ Bá Thành (Thanh Ba DO)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Materials Science
University: University of Michigan at Ann Arbor
Current Job: Academic Training: Chemical Engineer, General Motors, Research and Development Center, Warren, MI (January 29, 2010 to February 01, 2011)
Email: thanhdo@umich.edu

PUBLICATIONS

Journal Articles

Do, T., Mei Cai, Martin S. Ruthkosky, and Thomas E. Moylan. 2010. Niobium-doped titanium oxide for fuel cell application. *Electrochimica Acta* doi:10.1016/j.electacta.2010.

Do, T., and John W. Halloran. 2008. Breath Figure Patterns in the Oxidation of Boron Nitride. *Journal of American Ceramics Society* 91 (8): 2730-31.

Conference Papers

Do, T., John W. Halloran. 2007. Fabrication of Polymer Magnetics. In *Proceeding of IEEE Conference on Electromagnetic and Antenna,* ed. John Volakis, 8-12. Hawaii, United States: IEEE on Electromagnetic and Antenna.

Conference Presentations

Do, T., Martin Ruthkosky, and Mei Cai. 2008. Mesoporous nanoTiO2 particles - An Alternative Material for PEM Fuel Cells Catalyst Support. Presentation at New Nano Materials for Electrochemical System, 7th International Conference, Montreal, Canada.

Do, Thanh B., John W. Halloran, Yiannis Tzanidis, Stavros Koulouridis, and John L. Volakis. 2007. Flexible Ceramic-Polymer Composites with Equivalent Permittivity and Permeability for Antenna. Presentation at Materials Science & Technology 2007 Conference and Exhibition, Detroit, MI, United States.

Do, T., and John W. Halloran. 2007. Process and Microstructure Aspects of Hot Pressed Hexagonal BN with Al2O3, Y2O3 and SiO2. Presentation at 31st International Conference and Exhibition on Ceramics and Composites, Daytona Beach, FL, United States.

Do, T., and John W. Halloran. 2006. Oxidation of BN-based Composites. Presentation at Materials Science & Technology 2006 Conference and Exhibition, Cincinnati, OH, United States.

Do, T., and John W. Halloran. 2006. Mechanical Properties and Oxidation Behavior of BN with the Addition of Sintering Aids. Presentation at Engineering Conferences International, Kona, HI, United States.

Newspapers

Parrish, Alton, and Do, T. 2009. GM Reveals Durable Mesoporous Electrically Conductive Titanium Metal

Oxide Nano Catalyst Support for Fuel Cell. *Nano Patents and Innovations,* December 20.

Thesis/Dissertation

Do, T. 2010. High temperature composite materials and dielectromagnetic composites for microwave applications. PhD diss., University of Michigan.

INTELLECTUAL PROPERTY PATENTS

Do, T., Mei Cai, and Martin S. Ruthkosky. 2009. Mesoporous electrically conductive metal oxide catalyst supports. World Intellectual Property Organization, filed March 26, 2009, and issued December 17, 2009.

Full Name: ĐỖ Trung Thông (Thong Trung DO)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Electrical and Computer Engineering
University: Johns Hopkins University
Current Job: Academic Training: postdoctoral researcher, MBO Partners, Herndon, VA (August 23, 2010 to August 22, 2011)
Email: thongdo80@gmail.com

PUBLICATIONS

Conference Papers

Do, T., Y. Chen, D. Nguyen, N. Nguyen, L. Gan, and T. Tran. 2010. Distributed compressed video sensing. In *International Conference in Image Processing,* 1393-96. Cairo, Egypt: IEEE.

Do, T., Lu Gan, Yi Chen, Nam Nguyen, and Trac D. Tran. 2009. Fast and efficient dimensionality reduction using structurally random matrices. In *International Conference in Acoustics, Speech and Signal Processing,* 1821-24. Taipei, Taiwan: IEEE.

Thesis/Dissertation

Do, T. 2010. Practical algorithms for compressive sensing and applications for multimedia signal processing. PhD diss., Johns Hopkins University.

Full Name: DƯƠNG Lê Nam (Nam Le DUONG)
Cohort Year: 2005
Graduation Year: 2008
Degree: Master's
Subject: Electrical and Computer Engineering
University: University of Illinois at Urbana - Champaign
Current Job: Graduate Student, University of California at Irvine, CA with other sources of funding
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Full Name: DƯƠNG Thị Hảo (Hao Thi DUONG)
Cohort Year: 2004
Graduation Year: 2009
Degree: DPH
Subject: Health Promotion/Health Education
University: University of Texas at Houston
Current Job: Academic Training: Post-Doctoral Research Fellow, Division of Epidemiology and Disease Control, School of Public Health of the University of Texas, Houston, TX (September 1, 2010 to May 31, 2011)
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PUBLICATIONS

Journal Articles

Roberts, R. E., C. R. Roberts, and H. Duong. 2009. Sleepless in adolescence: Prospective data on sleep deprivation, health and functioning. *Journal of Adolescence* 32, 5: 1045-57.

Roberts, R. E., C. R. Roberts, H. Duong, 2008. Chronic insomnia and its negative consequences for health and functioning of adolescents: A 12-month prospective study. *Journal of Adolescent Health* 42, 3: 294-302.

Conference Presentations

Waller, D. K., M. S. Gallaway, H. Duong, M. A. Canfield. 2010. Do women who become pregnant in the first month after discontinuing birth control have a decreased risk of major birth defects? Presentation at Centers for Birth Defects Research and Prevention Annual Meeting, Decatur, GA, United States.

Duong, H., D. Hoelscher, H. Chen, R. Hardy, and S. Kelder. 2007. Growth patterns of body mass index among school-age children and predictors-the child and adolescent trial for cardiovascular health (CATCH). Presentation at the University of Texas Health Sciences Center, Houston Research Day, Houston, TX, United States.

Thesis/Dissertation

Duong, H. 2009. Trajectories of body mass index among students in the child and adolescent trial for cardiovascular health (CATCH) study. DPH diss., University of Texas.

Full Name: DƯƠNG Tuấn Hưng (Hung Tuan DUONG)
Cohort Year: 2004
Graduation Year: 2009
Degree: PhD
Subject: Chemistry
University: University of Illinois at Urbana – Champaign
Current Job: Researcher, Institute of Chemistry, Vietnam Academy of Science and Technology, Hanoi
Email: duongtuanhung@yahoo.com

PUBLICATIONS

Journal Articles

Rigsby, Matthew A., Wei-Ping Zhou, Adam Lewera, H. Duong, Paul S. Bagus, Wolfram Jaegermann, Ralf Hunger, and Andrzej Wieckowski. 2008. Experiment and theory of fuel cell catalysis: Methanol and formic acid decomposition on nanoparticle Pt-Ru. *Journal of Physical Chemistry C* 112, 39: 15595-601.

Lewera, A., J. Inukai, W. P. Zhou, D. Cao, H. Duong, N. Alonso-Vante, and A. Wieckowski. 2007. Chalcogenide oxygen reduction reaction catalysis: X-ray photoelectron spectroscopy with Ru, Ru/Se and Ru/S samples emersed from aqueous media. *Electrochimica Acta* 52: 5765.

Duong, H., Matthew A. Rigsby, Wei-Ping Zhou, and Andrzej Wieckowski. 2007. Oxygen reduction catalysis of the Pt3Co alloy in alkaline and acidic media studied by X-ray photoelectron spectroscopy and electrochemical methods. *Journal of Physical Chemistry* C 111, 36: 13460-65.

Conference Presentations

Duong, H., Matthew A. Rigsby, Wei-Ping Zhou, and Andrzej Wieckowski. 2007. A combined XPS and electrochemical study of the Pt3Co alloy toward oxygen reduction reaction in alkaline and acidic media. Presentation at Electrochemical Society Meeting, Washington, DC, United States.

Thesis/Dissertation

Duong, H. 2009. Enhancement of platinum cathode catalysis by addition of transition metals. PhD diss., University of Illinois at Urbana Champaign.

Full Name: HÀ Anh Đức (Duc Anh HA)
Cohort Year: 2006
Graduation Year: 2010
Degree: DPH
Subject: Public Health
University: Boston University
Current Job: Specialist, Vietnam Ministry of Health, Hanoi

Email: dha04@post.harvard.edu

PUBLICATIONS

Journal Articles

Ha, D., C. Dan. 2010. Cost-effectiveness analysis of prevention interventions to reduce cardiovascular disease in Vietnam. *Health Policy and Planning.*

Ha, D., F. Rick, S. Lora, L. Q. Cuong, and D. D. Thien. 2010. Potential public private collaboration in health care in the Mekong region, Vietnam. *Health Policy and Planning.*

Ekman, B., H. Axelson, N. T. Liem, and D. Ha. 2008. Health insurance reform in Vietnam: A review of recent developments and future challenges. *Health Policy and Planning,* 23 (4): 252-63.

Ekman, B., H. Axelson, N. T. Liem, and D. Ha. 2007. Health and ethnicity in Vietnam: An exploratory analysis using health survey data. *Health Economics Working Paper Series, Lund University, Malmö, Sweden* 12.

Conference Papers

Ekman, B., H. Axelson, N. T. Liem, and D. Ha. 2007. Use of maternal health care services and ethnicity: A cross-sectional analysis of Vietnam. In *International Health Economics Association 5th World Congress,* Copenhagen, Denmark: International Health Economics Association.

Thesis/Dissertation

Ha, D. 2010. Application of WHO-choice for cost-effectiveness analysis of interventions to prevent cardiovascular disease in Vietnam. DPH diss., Boston University.

Full Name: HÀ Hữu Toàn (Toan Huu HA)
Cohort Year: 2004
Graduation Year: 2010
Degree: DPH
Subject: Health Promotion/Health Education
University: University of Texas at Houston
Current Job: Program Analyst (HIV Prevention), United Nations Population Fund, Hanoi
Email: huutoan17@yahoo.co.uk

PUBLICATIONS

Journal Articles

Ha, T., Hongjie Liu, Hui Liu, Yumao Cai, and Tiejian Feng. 2010. Concurrent sexual partnerships among men who have sex with men in Shenzhen, China. *Sexually Transmitted Diseases* 37, 12: 1-6.

Li, Jianhua, T. Ha, Cunmin Zhang, and Hongjie Liu. 2010. The Chinese government's response to drug use and HIV/AIDS: A review of policies and programs. *Harm Reduction Journal:* DOI :10.1186/1477-7517-7-4.

Conference Presentations

Ha, T., Hongjie Liu, and Zhouping Lu. 2010. Suicidal ideation, depression, delinquency, and self-esteem

among Chinese young rural adolescents: A path analytic model. Presentation at American Public Health Association, Denver, CO, United States.

Ha, T., H. Liu, T. Feng, H. Liu, A. Rhodes, H. Feng, Y. Cai, and X. Liu. 2009. Chinese culture, stigma, social support, and safer sex: Path analytic model. Presentation at Virginia Public Health Seminal, Richmond, VA, United States.

Liu, H., T. Ha, H. Liu, Y. Cai, and T. Feng. 2010. Chinese culture, HIV- and homosexualityrelated stigma, social support, and safer sex: A path analytic model. Presentation at XVIII International AIDS Conference, Vienna, Austria.

Liu, H., M. Kennedy, and T. Ha. 2010. HIV risks among money boys in China: Applicability of theory of planned behavior in intended condom use. Presentation at the 138th American Public Health Association Annual Meeting, Denver, CO, United States.

Ha, T., H. Liu, and Z. Lu. 2010. Suicidal ideation, depression, delinquency, and self-esteem among Chinese young rural adolescents: A path analytic model. Presentation at the 138th American Public Health Association Annual Meeting, Denver, CO, United States.

Thesis/Dissertations

Ha, T. 2008. Psychosocial variables associated with sexual risk behavior among an urban seventh grade population. DPH diss., The University of Texas School of Public Health.

Full Name: HÀ Mạnh Hùng (Hung Manh HA)
Cohort Year: 2005
Graduation Year: 2009
Degree: PhD
Subject: Materials Science and Engineering
University: Case Western Reserve University
Current Job: Academic Training: Research Assistant, University of Virginia, Department of Materials Science and Engineering, School of Engineering and Applied Science, Charlottesville, VA (December 07, 2009 to December 07, 2010)
Email: hmh9@case.edu

PUBLICATIONS

Journal Articles

Ha, H., and J. Payer. 2009. Examination of galvanic action between fe-based amorphous metals and commercial alloys. *Metallurgial and Materials Transactions A* 40, 6: 1334-43.

Shan, X, H. Ha, and J. Payer. 2009. Comparison of crevice corrosion of Fe-based amorphous metal and crystalline Ni-Cr-Mo alloy. *Metallurgial and Materials Transactions A* 40, 6: 1324-33.

Ha, H., and J. Payer. 2009. Devitrification of Fe-based amorphous metal SAM 1651: A structural and compositional study. *Metallurgial and Materials Transactions A* 40, 11: 1519-29.

Ha, H., J. Miller, and J. Payer. 2009. Devitrification of Fe-based amorphous metal SAM 1651 and the effect of heat treatment on corrosion behavior. *Journal of the Electrochemical Society.* 156 (8): C246-52.

Conference Papers

Ha, H., J. Payer, and B. Payer. 2007. Corrosion behavior of implantable silver-cored conducting cables in saline solution. In *National Association of Corrosion Engineer,* Paper 07673. Nashville, TN, United States: NACE.

Conference Presentations

Ha, H., J. Miller, and J. Payer. 2008. Devitrification of Fe-based amorphous metal SAM 1651 and the thermal effect on corrosion behavior. Presentation at 214th the Electrochemical Society Meeting, Honolulu, HI, United States

Ha, H., J. Miller, and J. Payer. 2008. Devitrification of Fe-based amorphous metal SAM 1651 and the thermal effect on corrosion behavior. Presentation at Corrosion–Aqueous Gordon Research Conference, New London, NH, United States.

Ha, H., J. Payer, and B. Payer. 2007. A model for silver dissolution and formation of AgCl on silver substrate in NaCl solution. Presentation at National Association of Corrosion Engineer Conference, Nashville, TN, United States.

Thesis/Dissertation

Ha, H. 2009. Micro- and Nano-scale corrosion in bulk metallic glass SAM 1651 and silver-cored mp35n LT Composite. PhD diss., Case Western Reserve University

Full Name: HỒ Thị Thu Chung (Chung Thi Thu HO)
Cohort Year: 2008
Graduation Year: 2010
Degree: Master's
Subject: Civil Engineering
University: University of Texas at Austin
Current Job: Newly returned to Vietnam, Hanoi

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Full Name: HOÀNG Mạnh Quang (Quang Manh HOANG)
Cohort Year: 2004
Graduation Year: 2009
Degree: PhD
Subject: Mathematics
University: Princeton University
Current Job: Visiting Professor, Department of Mathematics, University of Vlora, Vlora, Albania
Email: hoangmanhquang@gmail.com

PUBLICATIONS

Conference Presentations

Hoang, Q. 2009. Cohomology of some torsion free nilpotent groups. Presentation at Graduate Conference in Algebra, Geometry, and Topology, Binghamton, NY, United States.

Thesis/Dissertation

Hoang, Q. 2009. Cohomology of Z-free resolution of some p-groups. PhD diss., Princeton University

Full Name: HOÀNG Minh Đức (Duc Minh HOANG)
Cohort Year: 2004
Graduation Year: 2006
Degree: Master's
Subject: Electrical Engineering
University: Columbia University
Current Job: Managing Director, Finmatech Ltd. Company, London, England

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Full Name: HOÀNG Phương Chi (Chi Phuong HOANG)
Cohort Year: 2005
Graduation Year: 2009
Degree: PhD
Subject: Environmental and Water Resources Engineering
University: University of Texas at Austin
Current Job: Academic Training: Research Associate, National Institute of Standards and Technology, Gaithersburg, MD (June 1, 2010 to May 31, 2011)
Email: hoangphuongchi@mail.utexas.edu

PUBLICATIONS

Journal Articles

Hoang, C., Kerry Kinney, Richard Corsi, and Paul Szaniszlo. 2010. Resistance of green building materials to mold growth. *International Biodeterioration and Biodegradation* 64, 2: 104-03.

Hoang, C., Kerry A. Kinney, and Richard L. Corsi. 2009. Ozone removal of green building materials. *Building and Environment* 44: 1627-33.

Byer, Philip H., C. Hoang, Thi Thuc Thuy Nguyen, Sangeeta Chopra, Virginia Maclaren, and Murray Haight. 2006. Household, hotel and market waste audits for composting in Vietnam and Laos. *Waste Management and Research* 24, 5: 465-72.

Conference Presentations

Hoang, C., and Richard L. Corsi. 2006. Emission of CO, CO2, and PM10 from candle burning. Presentation at ESW National Conference, Iowa City, IA, United States.

AWARDS

Award for Student Best Academic Achievement (Third place), awarded by International Society of Indoor Air Quality and Climate, August 20, 2008.

Award for Student Best Paper (Second place), awarded by International Society of Indoor Air Quality and Climate, August 20, 2008.

Scholarship Award in Recognition of Excellence in Sustainability Research and Study, awarded by Air & Waste Management Association, June 20, 2007.

Ken Dillon Memorial Fellowship for Indoor Environmental Quality Design, awarded by GREENGUARD Environmental Institute, November 10, 2006.

Full Name: HUỲNH Kim Lâm (Lam Kim HUYNH)
Cohort Year: 2003
Graduation Year: 2010
Degree: PhD
Subject: Physical Chemistry
University: University of Utah
Current Job: Faculty of Chemical Engineering, Ho Chi Minh City University of Technology, Ho Chi Minh City
Email: lhuynh@mines.edu

PUBLICATIONS

Journal Articles

Huynh, L., Hans-Heinrich Carstensen, and Anthony M. Dean. 2010. Detailed modeling of low-temperature propane oxidation: 1. The role of propyl + o2 reaction. *Journal of Physical Chemistry A* 114: 6594-6607.

Marta Muszyńska, Artur Ratkiewicz, Lam K. Huynh, and Thanh N. Truong. 2009.Kinetics of the Hydrogen Abstraction C2H3• +H-C(sp3) → C2H4 + C•(sp3) Reaction Class. *Journal of Physical Chemistry A* 113: 8327-8336.

Huynh, L., Hongzhi R. Zhang, Shaowen Zhang, Eric G. Eddings, Adel F. Sarofim, Phillip R. Westmoreland, and Thanh N. Truong. 2009. Kinetics of Enol formation from reaction of OH with propene. *Journal of Physical Chemistry A* 113: 3177-85.

Huynh, L., Max Tirtowidjojo, and Thanh N. Truong. 2009. Direct ab-initio dynamics studies on oxidation of formaldehyde. *Chemical Physics Letters* 469: 81-84.

Bankiewicz, Barbara, L. Huynh, Artur Ratkiewicz, and Thanh N. Truong. 2009. Kinetics of 1,4 hydrogen migration in Alkyl radical reaction class. *Journal of Physical Chemistry A* 113: 1564-73.

Farooq, Aamir, David F. Davidson, Ron K. Hanson, L. Huynh, and Angela Violi. 2009. An experimental and computational study of Methyl Ester decomposition pathways using shock tubes. *Proceedings of the Combustion Institute* 32: 247-53.

Huynh, L., Kuang C. Lin, and Angela Violi. 2008. Detailed chemical kinetic mechanism for Methyl Butanoate. *Journal of Physical Chemistry A* 112: 13470-80.

Huynh, L., and Angela Violi. 2008. Thermal decomposition of Methyl Butanoate: An ab initio study of a biodiesel fuel surrogate. *Journal of Organic Chemistry.* 73: 94-101.

Huynh, L., Kyle Barriger, and Angela Violi. 2008. Kinetics Study of the OH + Alkene ab initio => H2O + Alkenyl reaction class. *Journal of Physical Chemistry A* 112: 1436-44.

Huynh, L., Shaowen Zhang, and Thanh N. Truong. 2008. Kinetics of hydrogen abstraction O(3P)+ Alkane => OH +Alkyl reaction class: An application of the reaction class transition state theory. *Combustion and Flame* 152: 177-85.

Huynh, L., and Thanh N. Truong. 2008. Kinetics of the hydrogen abstraction CHO + Alkane □ H2CO + Alkyl reaction class: An application of the reaction class transition state theory. *Theoretical Chemistry Accounts: Theory, Computation, and Modeling* 120: 107-17.

Ehlers, Jan Eric, Nelson G. Rondan, L. Huynh, Ha Pham, and Thanh N. Truong. 2007. Theoretical study on mechanism of Epoxy-Amine curing reaction. *Macromolecules* 40 (12): 4370-77.

Zhang, Hongzhi R., L. Huynh, Nawee Kungwan, Zhiwei Yang, and Shaowen Zhang. 2007. Combustion modeling and kinetic rate calculations for a stoichiometric cyclohexane flame. Part I: Major reaction pathways. *Journal of Physical Chemistry A* 111: 4102-15.

Huynh, L., Sylwester Panasewicz, Artur Ratkiewicz, and Thanh N. Truong. 2007. An ab initio study on the kinetics of hydrogen abstraction H + Alkene => H¬2 + Alkenyl reaction class. *Journal of Physical Chemistry A* 111: 2156-65.

Huynh, L., Artur Ratkiewicz, and Thanh N. Truong. 2006. Kinetics of the hydrogen abstraction OH + Alkane => H2O + Alkyl reaction class: An application of the reaction class transition state theory. *Journal of Physical Chemistry A* 110: 473-84.

Conference Papers

Carstensen, Hans-Heinrich, L. Huynh, and Anthony M. Dean. 2010. Detailed modeling of low-temperature alkane oxidation: High-pressure rate rules for Alkyl + O2 reactions. In *American Institute of Chemical Engineers Annual Meeting*. Salt Lake City, UT, United States: American Institute of Chemical Engineers.

Huynh, L., Ahmed Al Shoaibi, Hans-Heinrich Carstensen, and Anthony M. Dean. 2009. Low temperature partial oxidation of Ethane and Propane. In *American Chemical Society, Division of Fuel Chemistry.* Salt Lake City, UT, United States, American Chemical Society.

Lin, Kuang Chuan, L. Huynh, and Angela Violi. 2008. Breakdown mechanisms for Methyl-Esters. In *American Institute of Chemical Engineers Annual Meeting,* Philadelphia, PA, United States: American Institute of Chemical Engineers.

Huynh, L., Hongzhi R. Zhang, Shaowen Zhang, Eric G. Eddings, Adel F. Sarofim, Phillip R. Westmoreland, and Thanh N. Truong. 2007. Kinetics of Enol formation from reaction of OH with Propene. *American Institute of Chemical Engineers Annual Meeting*. Salt Lake City, UT, United States: American Institute of Chemical Engineers.

Huynh, L., and Angela Violi. 2007. An ab inito study on the methyl butanoate decomposition. In *American Institute of Chemical Engineers Annual Meeting.* Salt Lake City, UT, United States: American Institute of Chemical Engineers.

Huynh, L., and Angela Violi. 2007. Theoretical study on the methyl butanoate decomposition. In *30th Meeting of the Italian Section of the Combustion Institute.* Italy: Combustion Institute.

Zhang, Hongzhi R., My-Phuong Pham, L. Huynh, Thanh N. Truong, Eric G. Eddings, and Adel F. Sarofim.

2007. Kinetics of ring closure reactions and its role in polymerization of aromatics. In *5th U.S. National Combustion Meeting.* San Diego, CA, United States: Combustion Institute.

Ehlers, Jan Eric, Nelson G. Rondan, L. Huynh, and Thanh N. Truong. 2006. Theoretical study on mechanism of Epoxy-Amine curing reactions. In *American Chemical Society, Division of Polymeric Materials: Science and Engineering (PMSE),* 442-45. San Francisco, CA, United States: American Chemical Society.

Zhang, Hongzhi R., L. Huynh, Nawee Kungwan, Shaowen Zhang, Zhiwei Yang, Thanh Truong, Eric Eddings, Phillips R. Westmoreland, and Adel Sarofim. 2006. Reactions and kinetics of benzene and enol formation in a stoichiometric cyclohexane flame. In *American Chemical Society, Division of Fuel Chemistry,* 229-31. Atlanta, GA, United States: American Chemical Society.

Huynh, L., and Thanh N. Truong. 2005. First-principles kinetics for combustion systems using the reaction class transition state theory. In *American Chemical Society, Division of Fuel Chemistry,* 82-85. American Chemical Society.

Conference Presentations

Ehlers, Nelson G. Rondan, L. Huynh, and Thanh N. Truong. 2006. Theoretical study on mechanism of epoxy-amine cure reactions. Presentation at ACS Conference, San Francisco, CA, United States.

Huynh, L., and Thanh N. Truong. 2005. Kinetics of hydrogen abstraction by Oxygen atom O(3P) + Alkane reaction class: An application of the reaction class transition state theory. Presentation at Gordon Research Conference on Hydrocarbon Resources, Ventura, CA, United States.

Huynh, L., and Thanh N. Truong. 2004. Kinetics of hydrogen abstraction by Oxygen atom OH + Alkane reaction class: An application of the reaction class transition state theory. Presentation at 30th International Symposium on Combustion, Chicago, IL, United States.

Huynh, L., Angela Violi, Adel Sarofim, and Thanh N. Truong. 2003. Validation and improvement of gas-phase mechanisms for combustion of hydrocarbons. Presentation at C-Safe Conference, Salt Lake City, UT, United States.

Thesis/Dissertation

Huynh, L. 2007. First-principles chemistry for combustion of hydrocarbon fuels. PhD diss., University of Utah.

AWARDS

VEFFA Science Award, awarded by VEFFA, January 5, 2009.

Full Name: KIỀU Quốc Chánh (Chanh Quoc KIEU)
Cohort Year: 2003
Graduation Year: 2009
Degree: PhD
Subject: Meteorology
University: University of Maryland at College Park
Current Job: Lecturer, Hanoi University of Science, Vietnam National University, Hanoi
Email: kieucq@yahoo.co.uk

PUBLICATIONS

Journal Articles

Kieu, C., and D.-L. Zhang. 2010. Genesis of tropical storm Eugene (2005) associated with the ITCZ breakdowns. Part III: Sensitivity to different initial conditions. *Journal of Atmospheric Sciences* 67: 1745-58.

Kieu, C., and D.-L. Zhang. 2010. A piecewise potential vorticity inversion algorithm and its application to hurricane inner-core anomalies. *Journal of Atmospheric Sciences* 6: 1745–58.

Kieu, C., H. Chen, and D.-L. Zhang. 2010. An examination of the pressure-wind relationship for intense tropical cyclones, *Weather and Forecasting,* 25: 895-907.

Kieu, C., and D.-L. Zhang. 2010. On the consistency between the dynamical and thermodynamical equations with prescribed vertical motion in an analytical tropical cyclone model. *Quarterly Journal of the Royal Meteorological Society,* in press.

Kieu, C., and D.-L. Zhang. 2009. An analytical model for the rapid intensification of tropical cyclones. *Quarterly Journal of the Royal Meteorological Society* 135: 1336-49.

Kieu, C. Q., and D.-L. Zhang. 2008. Genesis of tropical storm Eugene (2005) associated with the ITCZ breakdowns. Part I: Observational and modeling analyses. *Journal of Atmospheric Sciences* 65: 3419-33.

Kieu, C., and D.-L. Zhang. 2008. Genesis of tropical storm eugene (2005) associated with the ITCZ breakdowns. Part II: Roles of vortex merger and ambient potential vorticity. *Journal of Atmospheric Sciences* 7: 1980-96.

Zhang, D.-L., and C. Kieu. 2006. How tropical cyclones resist to destruction from vertical shear. *Bulletin of the American Meteorological Society* 87: 22-23.

Zhang, D.-L., and C. Kieu. 2006. Potential vorticity diagnosis of a simulated hurricane. Part II: Quasi-balanced contributions to forced secondary circulations. *Journal of Atmospheric Sciences,* 63: 2898-2914.

Zhang, D.-L., and C. Kieu. 2005. Shear-force vertical circulations in tropical cyclones. *Geophysical Research Letters* 32: L13822, doi:10.1029/2005GL023146, 2005.

Full Name: LÃ Nguyễn Hùng Chinh (Chinh Nguyen Hung LA)
Cohort Year: 2004
Graduation Year: 2007
Degree: Master's
Subject: Electrical and Computer Engineering
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Current Job: Engineer, Intel Product, Vietnam, Ho Chi Minh City

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Full Name: LÊ Quốc (Quoc LE)
Cohort Year: 2004
Graduation Year: 2008
Degree: Master's
Subject: Computer Science
University: University of Illinois at Urbana - Champaign
Current Job: Director, Cazoodle Inc., Vietnam, Hanoi

Email: quocle79@gmail.com

PUBLICATIONS

Conference Papers

Kabra, Govind, Kevin Chang, and Q. Le. 2009. Integration at web-scale: Scalable agent technology for enabling structured vertical search. In *WWW 2009 Developer Track,* ed. Govind Kabra, Kevin Chang and Q. Le. Madrid, Spain: WWW2009.

SOFTWARE

With Cazoodle team. 2009. Apartment Search Engine. Cazoodle Inc., filed January 1, 2009, and issued January 1, 2009.

Full Name: LÊ Chí Ngọc (Ngoc Chi LE)
Cohort Year: 2007
Graduation Year: 2010
Degree: Master's
Subject: Mathematics
University: University of California at Los Angeles
Current Job: Lecturer, Faculty of Applied Mathematics, Hanoi University of Science and Technology, Hanoi
Email: lechingoc@yahoo.com

Full Name: LÊ Hoài Châu (Chau Hoai Le)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Civil Engineering
University: University of Illinois at Urbana - Champaign
Current Job: Academic Training: Staff Engineer, Caterpillar Champaign Simulation Center, Champaign, IL (April 5, 2010 to October 5, 2011)
Email: chaule2@uiuc.edu

PUBLICATIONS

Journal Articles

Paulino, Glaucio H., and Chau H. Le. 2009. A modified Q4/Q4 finite element for topology optimization. *Structural and Multidisciplinary Optimization* 37 (3): 255-64.

Talischi, Cameron, Glaucio Paulino, and C. Le. 2009. Honeycomb Wachspress finite elements for topology optimization. *Structural and Multidisciplinary Optimization* 37 (6): 569-83.

Paulino, Cameron, Emílio Silva, and C. Le. 2009. Optimal design of periodic functionally graded composites with prescribed properties. *Structural and Multidisciplinary Optimization* 38 (5): 469-89.

Nguyen, Tam, Junho Song, Glaucio Paulino, and C. Le. 2009. A Computational Paradigm for Multiresolution Topology Optimization (MTOP). *Structural and Multidisciplinary Optimization:* DOI 10.1007/s00158-009-443.

Le, C., Julian Norato, Tyler Bruns, Christopher Ha, and Daniel Tortorelli. 2009. Stress-based topology optimization for continua. *Structural and Multidisciplinary Optimization:* DOI: 10.1007/s00158-009-0440-y.

Conference Papers

Le, C., Daniel Tortorelli, Julian Norato, Tyler Bruns, and Christopher Ha. 2009. On stress-based topology optimization. In *8th World Congress on Structural and Multidisciplinary Optimization, Lisbon, Portugal.*

De Sturler, Eric, C. Le, Shun Wang, and Glaucio Paulino. 2006. Large scale topology optimization using preconditioned Krylov subspace recycling and continuous approximation of material distribution. In *Multiscale and Functionally Graded Materials Conference.*

Talischi, Cameron, C. Le, and Glaucio Paulino. 2006. Topology optimization using Wachspress-type hexagonal finite elements. In *Multiscale and Functionally Graded Materials Conference,* Hawaii, *United States.*

Thesis/Dissertation

Le, C. 2010. Developments in topology and shape optimization. PhD diss., University of Illinois at Urbana-Champaign.

Full Name: LÊ Hoàng Tùng (Tung Hoang LE)
Cohort Year: 2003
Graduation Year: 2009
Degree: PhD
Subject: Industrial Engineering
University: Purdue University
Current Job: Academic Training: Operations Research Developer, Deccan International, San Diego, CA (September 1, 2009 to March 1, 2011)
Email: tunglevn@gmail.com

PUBLICATIONS

Thesis/Dissertation

Le, T. 2010. An inventory routing problem with perishable goods. PhD diss., Purdue University.

Full Name: LÊ Ngọc Anh (Anh Ngoc LE)
Cohort Year: 2003
Graduation Year: 2010
Degree: PhD
Subject: Computer Science and Engineering
University: University at Buffalo, the State University of New York
Current Job: Academic Training: Postdoctoral Research Associate, Coordinated Science Laboratory, University of Illinois at Urbana-Champaign, Urbana, IL (July 1, 2010 to June 30, 2011)
Email: anhle03@gmail.com

PUBLICATIONS

Journal Articles

Ngo, Hung Q., A. Le, and Yang Wang. 2009. A linear programming duality approach to analyzing strictly nonblocking d-ary multilog networks under general crosstalk constraints. *Journal of Combinatorial Optimization:* 510-20.

Conference Papers

Ngo, Hung Q., Atri Rudra, A. Le, and Thanh-Nhan T. Nguyen. 2010. Analyzing nonblocking switching networks using linear programming (duality). In *29th IEEE Conference on Computer Communications,* 101-10. San Diego, CA, United States: IEEE.

Ngo, Hung Q., Yang Wang, and A. Le. 2008. A linear programming duality approach to analyzing strictly nonblocking d-ary multilog networks under general crosstalk constraints. In *14th Annual International Computing and Combinatorics Conference,* 509-19. Berlin: Springer Berlin/Heidelberg.

Ngo, Hung Q., Yang Wang, A. Le, and Xiaohong Jiang. 2008. Better necessary conditions for rearrangeably nonblocking f-cast d-ary multi-log networks under fanout and crosstalk constraints. In 2*008 International Workshop on High Performance and Highly Survivable Routers and Networks,* 203-09. Sendai, Japan: HPSRN.

Thesis/Dissertation

Le, A. 2010. Machine learning based classification and data flow masquerading. PhD diss., University at Buffalo.

Le, A. 2005. Peer to peer file share system based on expander graph. Master's thesis, University at Buffalo.

AWARDS

Best Paper Award., awarded by International Computing and Combinatorics, June 19, 2008.

Full Name: LÊ Quang Bình (Binh Quang LE)
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University: University of Illinois at Urbana - Champaign
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Full Name: LÊ Quang Nẫm (Nam Quang LE)
Cohort Year: 2004
Graduation Year: 2008
Degree: PhD
Subject: Mathematics
University: New York University
Current Job: Academic Training: Assistant Professor, Department of Mathematics, Columbia University, New York, NY (September 01, 2009 to March 01, 2011)
Email: quangnamle@yahoo.com

PUBLICATIONS

Journal Articles

Le, N. 2009. Regularity and nonexistence results for some free-interface problems related to Ginzburg-Landau vortices. *Interfaces Free Bound* 11, 1: 139-52.

Francfort, Gilles A., N. Le, and Sylvia Serfaty. 2009. Critical points of Ambrosio-Tortorelli converge to critical points of Mumford-Shah in the one-dimensional Dirichlet case. *ESAIM: Control, Optimisation and Calculus of Variations* 15, 3: 576-98.

Le, N. 2008. A gamma-convergence approach to the Cahn-Hilliard equation. *Calculus of Variations and Partial Differential Equations* 32, 4: 499-22.

Thesis/Dissertation

Le, N. 2008. Analysis of several sharp-interface limits in variational problems. PhD diss., New York University.

Full Name: LÊ Thành Nam (Nam Thanh LE)
Cohort Year: 2005
Graduation Year: 2007
Degree: Master's
Subject: Computer Science
University: New York University
Current Job: Vice Director, Mai Thu Printing Limited Company, Ho Chi Minh City
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Full Name: LÊ Thị Lý (Ly Thi LE)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Chemistry
University: University of Utah
Current Job: Lecturer, Ho Chi Minh City International University, Vietnam National University of Ho Chi Minh City
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Full Name: LÊ Thu Hà (Ha Thu LE)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Electrical and Computer Engineering
University: University of Texas at Austin
Current Job: Academic Training: Postdoctoral Associate, Virginia Tech Advanced Research Institute, Arlington, VA (June 4, 2010 to June 3, 2011)
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PUBLICATIONS

Journal Articles

Santoso, S., and H. Le. 2007. Fundamental time-domain wind turbine models for wind power studies. *Renewable Energy* 32 (14): 2436-52.

Conference Papers

Le, H., and S. Santoso. 2010. Increasing wind farm transient stability by dynamic reactive compensation: Synchronous-machine-based ESS versus SVC. In *IEEE Power & Energy Society General Meeting July* 2010, 1-8. Piscataway, NJ, United States: IEEE.

Le, H., S. Santoso, and W. M. Grady. 2009. Development and analysis of an ESS-based application for regulating wind farm power output variation. In *IEEE power & energy society general meeting 2009,* 1-8. Piscataway, NJ, United States: IEEE.

Le, H., and Thang Quang Nguyen. 2008. Sizing energy storage systems for wind power firming: An analytical approach and a cost-benefit analysis. In *IEEE Power and Energy Society General Meeting-Conversion and Delivery of Electrical Energy in the 21st Century 2008,* 1-8. Piscataway, NJ, United States: IEEE.

Le, H., and S. Santoso. 2007. Analysis of voltage stability and optimal wind power penetration limits for a non-radial network with an energy storage system. In *IEEE Power & Energy Society General Meeting 2007*, 1-8. Piscataway, NJ, United States: IEEE.

Thesis/Dissertation

Le, H. 2010. Increasing wind power penetration and voltage stability limits using energy storage systems. PhD diss., University of Texas at Austin.

Full Name: LÊ Tiến Dũng (TienDung LE)
Cohort Year: 2005
Graduation Year: 2009
Degree: PhD
Subject: Civil Engineering
University: University of Texas at Austin
Current Job: COO & Executive Deputy Managing Director, HUAIC Infrastructure Development Company, Hanoi
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Full Name: LÊ Tùng Linh (Linh Tung LE)
Cohort Year: 2007
Graduation Year: 2009
Degree: Master's
Subject: Chemical Engineering
University: Columbia University
Current Job: Continuing on to Ph.D. program at Stevens Institute of Technology, NJ

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Full Name: NGÔ Đức Anh (Anh Duc NGO)
Cohort Year: 2004
Graduation Year: 2006
Degree: DPH
Subject: Health Promotion/Health Education
University: University of Texas at Houston
Current Job: Research Fellow, University of Queensland in Vietnam, Hanoi

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Full Name: NGÔ Minh Đức (Duc Minh NGO)
Cohort Year: 2004
Graduation Year: 2009
Degree: PhD
Subject: Mechnical Engineering
University: University of Illinois at Urbana - Champaign
Current Job: Academic Training: Postdoctoral Scholar in Aeronautics, Graduate Aerospace Laboratories, California Institute of Technology, Pasadena, CA (August 02, 2010 to August 03, 2011)
Email: ngominh_duc@yahoo.com

PUBLICATIONS

Journal Articles

Daraio, C., D. Ngo, V. F. Nesterenko, and F. Fraternali. 2010. Highly nonlinear pulse splitting and recombination in a two-dimensional granular network. *Physical Review E*: 036603.

Ngo, D., K. Park, G. H. Paulino, and Y. Huang. 2010. On the constitutive relation of material with microstructures using a potential-based cohesive model for interface interaction. *Engineering Fracture Mechanics* 77: 1153-74.

Huang, Y., D. Ngo, X. Feng, and A. J. Rosakis. 2008. Anisotropic, non-uniform misfit strain in a thin film bonded on a plate substrate. *Interaction and Multiscale Mechanics* 1: 123-42.

Ngo, D., X. Feng, Y. Huang, and A. J. Rosakis. 2008. Multi-layer thin films/substrate system with variable film thickness subjected to non-uniform misfit strains. *Acta Materialia* 56: 5322-28.

Ngo, D., X. Feng, Y. Huang, A. J. Rosakis, and M. A. Brown. 2007. Thin film/substrate systems featuring arbitrary film thickness and misfit strain distributions: Part I. Analysis for obtaining film stress from nonlocal curvature information. *International Journal of Solids and Structures* 44: 1745-54.

Feng, X., Y. Huang, H. Jiang, D. Ngo, and A. J. Rosakis. 2006. The effect of thin film/substrate radii on the Stoney formula for thin film/substrate subjected to non-uniform axisymmetric misfit strain and temperature. *Journal of Mechanics of Materials and Structures* 1: 1041-53.

Ngo, D., Y. Huang, A. J. Rosakis, and X. Feng. 2006. Spatially non-uniform, isotropic misfit strain in thin

films bonded on plate substrates: The relation between non-uniform stresses and system curvatures. *Thin Solid Films* 515: 2220-29.

Huang, Y., D. Ngo, and A. J. Rosakis. 2005. Non-uniform, axisymmetric misfit strain in thin films bonded on plate substrates/substrate systems: The relation between non-uniform film stresses and system curvatures. *Acta Mechanica Sinica* 21: 362-70.

Thesis/Dissertation

Ngo, D. 2009. An analysis of non-uniform stress states in finite thin film/substrate: The need of full-field curvature system measurements. PhD diss., University of Illinois at Urbana-Champaign.

Full Name: NGÔ Trung Thành (Thanh Trung NGO)
Cohort Year: 2004
Graduation Year: 2006
Degree: Master's
Subject: Computer Science
University: University of Illinois at Urbana - Champaign
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Full Name: NGUYỄN Công Khanh (Khanh Cong NGUYEN)
Cohort Year: 2004
Graduation Year: 2007
Degree: Master's
Subject: Diease Prevention Control
University: Johns Hopkins University
Current Job: Research Scientist, National Institute of Hygiene and Epidemiology, Hanoi
Email: khanhnguyen@nihe.org.vn

PUBLICATIONS

Journal Articles

Nguyen, T. H. A., M. P. Le, K. Nguyen, C. L. D. Nguyen, N. T. Bien, S. Hiroshi, and A. D. Dang. 2007. Infection rate of Rotavirus and Norovirus diarrhea in children under 5 years old in Khanh Hoa General Hospital, 2006. *Journal of Practical Medicine* 6, 573: 20-22.

Le, N. B., C. T. Bui, A. D. Dang, K. Nguyen, S. K. Pham, H. T. Tran, Q. M. Vien, P. T. Nguyen, T. T, Le, and T. X. Ta. 2006. A model for laboratory activity of preventive health system at provincial level in Vietnam. *Journal of Preventive Medicine* XVI, 2 (80): 80-84.

Le, N. B., A. D. Dang, K. Nguyen, C. T. Bui, and K. K. Nguyen, et al. 2005. Social investigation on laboratory activities in provincial centers for preventive medicine, 2005. *Journal of Preventive Medicine* XV, 5 (76): 5-10.

Le, N. B., A. D. Dang, K. Nguyen, S. K. Pham, and T. T. Nguyen. 2005. Microbiological laboratory testing service at provincial centers of preventive medicine. *Journal of Preventive Medicine* XV, 4 (75): 5-10.

Conference Presentations

Nguyen, K., D. D. Anh, A. H. Nguyen, K. T. P. Oanh, Y. C. Chong, K. A. Lim, H. L. Tho, V. Hoi, and E. P. Kilgore. 2008. The incidence of clinical childhood pneumonia in Khanh Hoa province, Vietnam: A model for assessing the preventable burden of pneumococcal pneumonia. Presentation at the 6th International Symposium on Pneumococci and Pneumococcal diseases, Reykjavik, Iceland.

Full Name: NGUYỄN Công Nghĩa (Nghia Cong NGUYEN)
Cohort Year: 2004
Graduation Year: 2009
Degree: PhD
Subject: Epidemiology
University: University of North Carolina at Chapel Hill
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Graduation Year: 2010
Degree: PhD
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Current Job: Program Coordinator - Surveillance, Research, and Evaluation, Family Health International Vietnam, Hanoi
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PUBLICATIONS

Conference Presentations

Nguyen, Q., V. J. Schoenbach, T. A. Bennett, W. C. Miller, W. D. Kalsbeek, A. E. Pettifor, B. Q. Le, P. L. Huynh, and T. N. T. Le. 2010. HIV risk behaviors of men who have sex with men in Viet Nam: Results of a national online survey. Presentation at the Global Health Conference 2010, in Washington DC, United States.

Nguyen, Q., V. J. Schoenbach, T. A. Bennett, W. C. Miller, W. D. Kalsbeek, A. E. Pettifor, B. Q. Le, P. L. Huynh, and T. N. T. Le. 2010. HIV risk behaviors of men who have sex with men in Viet Nam: Results of a national online survey. Presentation at The Society for Epidemiology Research Annual Meeting: Epidemiology in an Interconnected World, Seattle, WA, United States.

Thesis/Dissertations

Nguyen, Q. 2010. Sexual risk behaviors of men who have sex with men in Vietnam. PhD diss., the University of North Carolina at Chapel Hill.

AWARDS

New Investigator in Global Health, awarded by the Global Health Council, June 14, 2010.

Full Name: NGUYỄN Đông Giang (Giang Dong NGUYEN)
Cohort Year: 2003
Graduation Year: 2009
Degree: PhD
Subject: Electrical and Computer Engineering
University: University of Illinois at Urbana - Champaign
Current Job: Academic Training: RF Design Engineer, Sigma Designs, Milpitas, CA (December 16, 2009 to June 15, 2011)
Email: ndgiangbk@yahoo.com

Full Name: NGUYỄN Đức Dũng (Dung Duc NGUYEN)
Cohort Year: 2003
Graduation Year: 2008
Degree: PhD
Subject: Electrical Engineering
University: Northeastern University
Current Job: Academic Training: Electrical Engineer, GT Solar, Merrimack, NH (August 29, 2008 - May 29, 2011)
Email: dungnguyen03@gmail.com

PUBLICATIONS

Journal Articles

Nguyen, D., and B. Lehman. 2008. An Adaptive Solar Photovoltaic Array Using Model-Based Reconfiguration Algorithm. *IEEE transactions on Industrial Electronics* 55, 0278-0046 (7): 2644-54.

Conference Presentations

Nguyen, D., and B. Lehman. 2008. A reconfigurable solar photovoltaic array under shadow conditions. Presentation at Applied Power Electronics Conference and Exposition, Austin, TX, United States.

Thesis/Dissertations

Nguyen, D. 2008. Modeling and reconfiguration of solar photovoltaic arrays under non-uniform shadow conditions. PhD diss., Northeastern University.

OTHER RECOGNITION

NSF research grant. 2009. NSF funded the research grant for the project based in Ph.D. thesis $300.000 for three years from September, 2009

Full Name: NGUYỄN Duy Long (Long Duy NGUYEN)
Cohort Year: 2004
Graduation Year: 2007
Degree: PhD
Subject: Civil and Environmental Engineering
University: University of California at Berkeley
Current Job: Lecturer, Faculty of Civil Engineering, Ho Chi Minh City University of Technology, Vietnam National University, Ho Chi Minh City
Email: duylong@gmail.com

Full Name: NGUYỄN Giao Hòa (Hoa Giao NGUYEN)
Cohort Year: 2003
Graduation Year: 2010
Degree: PhD
Subject: Computational Chemistry
University: University of Utah
Current Job: Newly returned to Vietnam, Ho Chi Minh City
Email: hoagiaonguyen@yahoo.com

PUBLICATIONS

Thesis/Dissertation

Nguyen, H. G. 2010. Theoretical study on Xenon separation. PhD diss., University of Utah.

Full Name: NGUYỄN Hà Huệ Chi (Chi Ha Hue NGUYEN)
Cohort Year: 2007
Graduation Year: 2009
Degree: MPH
Subject: Epidemiology
University: Emory University
Current Job: Consultant, Epidemiological and Behavioral Research Unit/FHI Vietnam (FHIVN), Hanoi
Email: huechi19@yahoo.com

PUBLICATIONS

Thesis/Dissertation

Nguyen, Chi. 2009. The patterns of follow-up among prostate cancer survivors at the Atlanta Veteran Affairs Medical Center. MPH thesis, Emory University.

Full Name: NGUYỄN Hải Anh (Anh Hai NGUYEN)
Cohort Year: 2005
Graduation Year: 2010
Degree: PhD
Subject: Civil Engineering
University: University of Massachusetts Amherst
Current Job: Academic Training: Postdoctoral Researcher, University of Massachusetts Amherst, Department of Civil and Environmental Engineering, Amherst, MA (September 1, 2010 to August 31, 2011)
Email: ngha79@yahoo.com

PUBLICATIONS

Conference Papers

Nguyen, A., and J. Tobiason. 2010. American Water Works Association Annual Conference. In *Surface characterization of PVdF low pressure hollow fiber membranes for natural surface waters treatment.* United States: American Water Works Association.

Conference Presentations

Nguyen, A., and J. Tobiason. 2010. Fouling of PVdF low pressure hollow fiber membranes for natural surface water treatment: Membrane performance assessment and surface characterization. Presentation at International Water Association Leading Edge Technology 201, Phoenix, AZ, United States.

AWARDS

Best Student Poster, awarded by CH2MHiLL, August 14, 2008.

Full Name: NGUYỄN Hoàng Nam (Nam Hoang NGUYEN)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Physics
University: University of Illinois at Urbana – Champaign
Current Job: Newly returned to Vietnam, Ho Chi Minh City
Email: nguyennamhus@yahoo.com

Full Name: NGUYỄN Hồng Tâm (Tam Hong NGUYEN)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Civil Engineering – Structural
University: University of Illinois at Urbana – Champaign
Current Job: Academic Training: Postdoctoral Researcher Associate, Northeastern University, College of Engineering, Department of Civil and Environmental Engineering, Boston, MA (September 1, 2010 to August 31, 2011)
Email: nguyenhongtam14@gmail.com

PUBLICATIONS

Journal Articles

Sutradhar, A., G. H. Paulino, M. J. Miller, and T. Nguyen. 2010. Topological optimization for designing patient-specific large craniofacial segmental bone replacements. *Proceedings of the National Academy of Sciences* 107, 30: 13222-27.

Nguyen, T., J. Song, and G. H. Paulino. 2010. Single-loop system reliability-based design optimization using matrix-based system reliability method: Theory and applications. *American Society of Mechanical Engineering Journal of Mechanical Design* 132 (1): 011005-1~11.

Nguyen, T., G. H. Paulino, J. Song, and C. H. Le. 2010. A computational paradigm for multiresolution topology optimization (MTOP). *Structural and Multidisciplinary Optimization* 41 (4): 525-39.

Conference Papers

Nguyen, T., J. Song, and G. H. Paulino. 2010. Enhancing single-loop approach for component and system reliability-based topology optimization. In *Proceedings of the 13th American Institute of Aeronautics and Astronautics/International Society for Structural and Multidisciplinary Optimization Conference,* 9131. United States: American Institute of Aeronautics and Astronautics.

Nguyen, T., J. Song, and G. H. Paulino. 2010. Challenges and advances in system reliability based optimization of structural topology. In *2010 NASCC the Steel Conference/the Structures Congress*, 1111. United States: NASCC.

Nguyen, T., J. Song, and G. H. Paulino. 2009. Single-loop system reliability-based design optimization (SRBDO) using matrix-based system reliability (MSR) method. In *The 10th International Conference on Structural Safety and Reliability,* 1534-41. United States: International Association for Structural Safety and Reliability.

Nguyen, T., J. Song, and G. H. Paulino. 2006. Probabilistic fracture analysis of functional graded materials: Implementation and numerical examples. In *Multi-Scale andFunctionally Graded Materials Conference 2006 (FGM2006),* ed. G. H. Paulino, M. J. Oindera, Jr., R. H. Dodds, F. A. Rochinha, E. V. Dave, and L. Chen, 159-64. United States: American Institute of Physics.

Song, J., T. Nguyen, and G. H. Paulino. 2006. Probabilistic fracture analysis of functional graded materials: Uncertainties and probabilistic analysis method. In *Multi-Scale and Functionally Graded Materials Conference 2006 (FGM2006),* ed. G. H. Paulino, M. J. Oindera, Jr., R. H. Dodds F. A. Rochinha, E. V. Dave, and L. Chen,, 153-58. United States: American Institute of Physics.

Conference Presentations

Nguyen, T., J. Song, and G. H. Paulino. 2009. Single-Loop System Reliability-Based Design & Topology Optimization (SRBDO/SRBTO). Presentation at 10th U.S. National Congress on Computational Mechanics, Ohio, United States.

Thesis/Dissertation

Nguyen, T. 2010. System reliability-based design and multiresolution topology optimization. PhD diss., University of Illinois at Urbana-Champaign.

Full Name: NGUYỄN Hữu Quang (Quang Huu NGUYEN)
Cohort Year: 2006
Graduation Year: 2009
Degree: Master's
Subject: Electrical and Computer Engineering
University: University of Illinois at Urbana – Champaign
Current Job: Newly returned to Vietnam, Ho Chi Minh City

Email: quangvp2000@yahoo.com

Full Name: NGUYỄN Kiều Cương (Cuong Kieu NGUYEN)
Cohort Year: 2003
Graduation Year: 2009
Degree: PhD
Subject: Physics
University: Brown University
Current Job: Academic Training: Postdoctoral Visiting Fellow, Laboratory of Immunology, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD (October 21, 2010 to April 20, 2012)
Email: cuongkieunguyen@gmail.com

PUBLICATIONS

Journal Articles

Nguyen, C., Shougang Wang, and Gerald Diebold. 2009. Mechanism of voltage production and frequency dependence of the ultrasonic vibration potential. *Journal of Applied Physics* 105 (10): 102003-06.

Nguyen, C., Vitalyi E. Gusev, and Gerald J. Diebold. 2008. Potential distributions from electroacoustic polarization sources. *Applied Physics Letter* 93 (18): 184104-06.

Wang, Shougang, Andrew C. Beveridge, Shengqiong Li, Gerald J. Diebold, and C. Nguyen. 2006. Frequency domain vibration potential imaging: Objects with symmetry in one dimension. *Applied Physics Letters* 89 (24): 243902-04.

Conference Papers

Wang, Shougang, C. Nguyen, and Gerald J. Diebold. 2007. Ultrasonic vibration potential imaging: Theory and experiments. In *Proceedings of SPIE,* 64370M. San Jose, CA, United States: SPIE.

Wang, Shougang, C. Nguyen, Shengqiong Li, Theron Hamilton, Vitalyi Gusev, and Gerald J. Diebold. 2006. Tissue imaging utilizing the ultrasonic vibration potential. In *Proceedings of SPIE,* 61470Z. San Jose, CA, United States: SPIE.

Hamilton, Theron J., Guohua Cao, Shougang Wang, Claude J. Bailat, C. Nguyen, Shengqiong Li, Stephan Gehring, Jack Wands, Vitalyi Gusev, Christoph Rose-Petruck, and Gerald J. Diebold. 2006. Ultrasonically modulated X-ray phase contrast and vibration potential imaging methods. In *Proceedings of SPIE,* 608601. San Jose, CA, United States: SPIE.

Conference Presentations

Nguyen, C., Vitalyi Gusev, and Gerald Diebold. 2008. Ultrasonic vibration potential imaging: The potential distribution for a cylindrical blood sample. Presentation at Northeast Bioengineering Conference, Providence, RI, United States.

Thesis/Dissertation

Nguyen, C. 2009. Ultrasonic vibration potential imaging: Theory and experiment. PhD diss., Brown University

Books

Nguyen, C., Vitalyi E. Gusev, and Gerald J. Diebold. 2010. *"Ultrasonic vibration potential imaging": Theory and experiment.* United States: VDM Verlag Dr. Müller.

Full Name: NGUYỄN Lê Lực (Luc Le NGUYEN)
Cohort Year: 2004
Graduation Year: 2009
Degree: PhD
Subject: Mathematics
University: Rutgers University
Current Job: Postdoctoral Reseach Fellow Mathematical Institute, University of Oxford, England
Email: lnguyen5@math.rutgers.edu

PUBLICATIONS

Journal Articles

Chrusciel, Piotr T. and L. Nguyen. 2010. A Uniqueness Theorem for Degenerate Kerr–Newman Black Holes. *Annales Henri Poincare* 11, 4: 585-609.

Thesis/Dissertation

Nguyen, L. 2009. Singular harmonic maps into hyperbolic spaces and applications to general relativity. PhD diss., Rutgers University

AWARDS

Graduate School Dean's Award for Excellence in Research by a Graduate Student, awarded by Graduate School, New Brunswick, Rutgers University, March 22, 2009.

University and Louis Bevier Dissertation Fellowship, Rutgers University, awarded by Graduate School, April 30, 2008.

Full Name: NGUYỄN Mạnh Tường (Tuong Manh NGUYEN)
Cohort Year: 2003
Graduation Year: 2005
Degree: Master's
Subject: Computer Science
University: University at Buffalo, the State University of New York
Current Job: Vice President of Business Development, M SERVICE Joint Stock Company, Ho Chi Minh City
Email: tuongnmvn@yahoo.com

AWARDS

Marvin Zonis International Fellow, awarded by Marvin Zonis Fellowship Organization, September 30, 2008.

Full Name: NGUYỄN Quốc Minh (Minh Quoc NGUYEN)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Computer Science
University: Georgia Institute of Technology
Current Job: Research Manager, Web Technical, VNG Corporation, Ho Chi Minh City
Email: quocminh9@yahoo.com

Full Name: NGUYỄN Quốc Việt (Viet Quoc NGUYEN)
Cohort Year: 2003
Graduation Year: 2005
Degree: Master's
Subject: Mathematics/Statistics
University: Ohio University
Current Job: Senior Manager, Golden Bridge Financial Corporation, Hanoi

Email: vn115302@ohio.edu

Full Name: NGUYỄN Quý Hà (Ha Quy NGUYEN)
Cohort Year: 2007
Graduation Year: 2009
Degree: Master's
Subject: Electrical Engineering
University: Massachusetts Institute of Technology
Current Job: Lecturer, Ho Chi Minh City International University, Vietnam National University of Ho Chi Minh City
Email: nguyenquyha@gmail.com

PUBLICATIONS

Conference Papers

Nguyen, H., V. K. Goyal, and L. R. Varshney. 2010. Frame permutation quantization. In *44th Annual Conference on Information Sciences and Systems,* 1-6. Princeton, NJ, United States: IEEE.

Nguyen, H., V. K. Goyal, and L. R. Varshney. 2009. On concentric spherical codes and permutation codes with multiple initial codewords. In *2009 IEEE International Symposium on Information Theory (ISIT 2009),* 2038-42. Seoul, Korea: IEEE.

Thesis/Dissertation

Nguyen, H. 2009. Generalizations of permutation source codes. Master's thesis, Massachusetts Institute of Technology.

Full Name: NGUYỄN Thái Hà (Ha Thai NGUYEN)
Cohort Year: 2003
Graduation Year: 2010
Degree: PhD
Subject: Electrical and Computer Engineering
University: University of Illinois at Urbana – Champaign
Current Job: Co-founder and CEO, Techburg JSC, Vietnam, Hanoi.

Email: nguyenthaiha@veffa.org

PUBLICATION

Journal Articles

Nguyen, Ha T., and Minh N. Do. 2009. Error analysis for image-based rendering with depth information. *IEEE Transactions on Image Processing,* vol. 18, no. 4, April 2009, 703-716.

Nguyen, Ha T., and Minh N. Do. 2008. Hybrid Filter Banks with Fractional Delays: Minimax Design and Application to Multichannel Sampling. *IEEE Transactions on Signal Processing,* vol. 56, no. 7, July 2008, 3180-90.

Nikolic, Zoran, Ha Thai Nguyen, and Gene Frantz. 2007. Design and Implementation of Numerical

Linear Algebra Algorithms on Fixed-Point DSPs. *EURASIP Journal on Advances in Signal Processing,* Volume 2007, Article ID 87046.

Conference Presentations

Nguyen, Ha T. and Linh-Trung Nguyen. 2010. Laplacian Pyramid With Rational Scaling Factors And Application On Image Denoising. The *International Conference on Information Sciences, Signal Processing and their Applications,* Kuala Lumpur, Malaysia.

Nguyen, Ha T. and Minh N. Do. 2008. Robust Multichannel Sampling. IEEE International Conference on Image Processing, San Diego, CA, United States.

Nguyen, Ha T., and Minh N. Do. 2007. Signal Reconstruction from a Periodic Nonuniform Set of Samples Using H Infinity Optimization. *Symposium on Electronic Imaging, San Jose,* CA, United States.

Nguyen, Ha T., and Minh N. Do. 2006. Error analysis for image-based rendering with depth information. *IEEE International Conference on Image Processing (ICIP), Atlanta, GA, United States.*

Nguyen, Ha T., and Minh N. Do. 2005. Image-Based Rendering with Depth Information using the Propagation Algorithm. *IEEE International Conference on Audio, Speech and Signal Processing (ICASSP)*, Philadelphia, PA, United States, *(Best Student Paper Award).*

Thesis/Dissertation

Nguyen, Ha T. 2007. Multisensor Signal Processing: Theory and Algorithms for Image-Based Rendering and Multichannel Sampling. PhD diss., University of Illinois at Urbana-Champaign.

INTELLECTUAL PROPERTY PATENTS

Nguyen, Ha and Minh Do. 2009. Signal Processors, Signal Processing Methods, and Digital Filter Configuration Methods. US Patent, filed June 11, 2009, and issued December 24, 2009.

OTHER RECOGNITION

Nguyen, Ha. T., and Minh N. Do. 2007. Technical report: Propagation Algorithm: A Unified Framework for Calibrated and Uncalibrated Image-Based Rendering.

Full Name: NGUYỄN Thanh Bình (Binh Thanh NGUYEN)
Cohort Year: 2005
Graduation Year: 2008
Degree: PhD
Subject: Soil and Crop Sciences
University: Cornell University
Current Job: Researcher, Rubber Research Institute of Vietnam, Ho Chi Minh City
Email: nguyenbinhthanh@yahoo.com

PUBLICATIONS

Journal Articles

Nguyen, B., J. Lehmann, W. W. Hockaday, S. Joseph, and C. A. Masiello. 2010. Temperature sensitivity of black carbon decomposition and oxidation. *Environmental Science & Technology* 44 (9): 3324-31.

Nguyen, B., and J. Lehmann. 2009. Black carbon decomposition under varying water regimes. *Organic Geochemistry* 40 (8): 846-53.

Nguyen, B., J. Lehmann, J.Kinyangi, R. Smernik, S. J.Riha, and M. H. Engelhard. 2008. Long-term black carbon dynamics in cultivated soil. *Biogeochemistry* 89 (3): 295-308.

Conference Presentations

Nguyen, B., K. T. Do, and Q. C. Nguyen. 2010. GIS–based investigation of tapping panel dryness status of natural rubber under varying soil conditions. Presentation at Climate change and rubber cultivation: R&D priorities, India.

Nguyen, B., J. Lehmann, S. Joseph, and B. Hockaday. 2009. Temperature sensitivity of black carbon decomposition and oxidation. Presentation at 1st Asia Pacific Biochar Conference, Australia.

Nguyen, B., and J. Lehmann. 2008. Biochar decomposition under different water and temperature regime. Presentation at Biochar, Sustainability and Security in a Changing Climate, Newcastle, United Kingdom.

Nguyen, B., H. T. Hoa, and T. V. Tran. 2007. Using geographic information system (GIS) to investigate natural rubber yield (Hevea brasiliensis) in conjunction with soil fertility: a case study from Cam my rubber plantation, eastern south of Vietnam. Presentation at International Rubber Development Board (IRDB) Conference, Cambodia.

Nguyen, B., J. Lehmann, and J. Kinyangi. 2006. Long-term black carbon (bio-char) dynamics in cultivated soil. Presentation at World Congress of Soil Science, United States.

Thesis/Dissertation

Nguyen, B. T. 2010. Black carbon stability in soil. PhD diss., Cornell University.

Full Name: NGUYỄN Thanh Hải (Hai Thanh NGUYEN)
Cohort Year: 2005
Graduation Year: 2007
Degree: Master's
Subject: Computer Science
University: Rutgers University
Current Job: Expert, Petro Vietnam Automation and Information Technology Company, Hanoi
Email: haikstnk45@yahoo.com

SOFTWARE

Nguyen, H. 2010. Database for investment management of PVN. PV Tech., filed March 10, 2010, and issued June 20, 2010.

AWARDS

Staff of the Month, awarded by Petroleum Information Technology, Telecommunication and Automation Joint Stock Company (PV Tech), June 30, 2010

Full Name: NGUYỄN Thành Nam (Nam Thanh NGUYEN)
Cohort Year: 2006
Graduation Year: 2008
Degree: Master's
Subject: Electrical and Computer Engineering
University: Purdue University
Current Job: IT Engineer, Siemens Ltd. Vietnam, Ho Chi Minh City
Email: nguyen5@purdue.edu

Full Name: NGUYỄN Thanh Sơn (Son Thanh NGUYEN)
Cohort Year: 2004
Graduation Year: 2009
Degree: Master's
Subject: Physics
University: Massachusetts Institute of Technology
Current Job: Lecturer, University of Natural Sciences, Vietnam National University, Ho Chi Minh City
Email: nts137@yahoo.com

Full Name: NGUYỄN Thanh Sơn (Son Thanh NGUYEN)
Cohort Year: 2003
Graduation Year: 2005
Degree: Master's
Subject: Computer Science
University: State University of New York at New Paltz
Current Job: CEO, EQuest Group, Hanoi
Email: sonntmt@yahoo.com

Full Name: NGUYỄN Thanh Tuấn (Tuan Thanh NGUYEN)
Cohort Year: 2004
Graduation Year: 2008
Degree: PhD
Subject: Nutrition
University: University of North Carolina at Chapel Hill
Current Job: Academic Training: Postdoctoral Fellow, International Health, Johns Hopkins School of Public Health, Baltimore, MD (September 20, 2010 to August 14, 2011)
Email: tuan_72@yahoo.com

PUBLICATIONS

Journal Articles

Nguyen, T., L. S. Adair, J. Stevens, and B. M. Popkin. 2010. Prediction of hypertension by different anthropometric indices in adults: The change in estimate approach. *Public Health Nutrition*: 639-46.

Butte, N. F., and T. Nguyen. 2010. Is obesity an emerging problem in Brazilian children and adolescents? *Journal of Pediatrics* (Rio J): 91-92.

Nguyen, T., L. S. Adair, C. M. Suchindran, K. He, and B. M. Popkin. 2009. The association between body mass index and hypertension is different between East and Southeast Asians. *American Journal of Clinical Nutrition* 89: 1905-12.

Nguyen, T., and T. A. Nicklas. 2009. Age, sex and ethnic differences in the prevalence of underweight and overweight, defined by using the CDC and IOTF cut points in Asian children. *European Journal of Clinical Nutrition* 63: 1305-12.

Nguyen, T. 2008. Consistency between the CDC and IOTF cut points in defining underweight in Chinese children. A letter to the Editor. *BMJ*: 1-2.

Nguyen, T., L. S. Adair, K. He, and B. M. Popkin. 2008. Optimal cutoff values for overweight: Using body mass index to predict incidence of hypertension in 18- to 65-year-old Chinese adults. *Journal of Nutrition* 138: 1377-82.

Nguyen, T., P. D. Tuong, and B. M. Popkin. 2008. Body mass index (BMI) dynamics in Vietnam. *European Journal of Clinical Nutrition* 62: 78-86.

Conference Presentations

Nguyen, T., N. F. Butte, and T. A. Nicklas. 2010. Determining BMI cut points based on excess percent body fat in US children and adolescents. Presentation at Experimental Biology, Anaheim, CA, United States.

Nguyen, T., and T. A. Nicklas. 2009. Determining BMI cut points associated with increased risk of high blood pressure in American children and adolescents. Presentation at The Obesity Society Annual Meeting, Washington, DC, United States.

Nguyen, T., and T. A. Nicklas. 2009. The CDC and IOTF cut points show inconsistent prevalence of underweight and overweight in Chinese, Indonesian, and Vietnamese children. Presentation at Experimental Biology, New Orleans, LA, United States.

Nguyen, T., and B. M. Popkin. 2008. Longitudinal association between waist circumference, waist-to-height ratio and incidence of hypertension among Chinese adults. Presentation at Experimental Biology, San Diego, CA, United States.

Nguyen, T., P. D. Tuong, and B. M. Popkin. 2008. Smoking among 18-65-year-old Vietnamese men and its health consequence. Presentation at The 7th International Graduate Student Conference, Honolulu, HI, United States.

Nguyen, T., and B. M. Popkin. 2007. Waist circumference does not add to the prediction of hypertension by body mass index among the 18-65-year-old Chinese adults. Presentation at the Obesity Society Annual Meeting, New Orleans, LA, United States.

Nguyen, T., P. D. Tuong, and B. M. Popkin. 2007. The body mass index - hypertension relationship in Vietnamese: Normal BMI is linked with elevated risk. Presentation at Experimental Biology, Washington DC, United States.

Nguyen, T., P. D. Tuong, and B. M. Popkin. 2007. Nutrition dynamics in Vietnam: effects of rapid socio-economic growth. Presentation at the 8th International Graduate Student Conference, Honolulu, HI, United States.

Nguyen, T., P. D. Tuong, and B. M. Popkin. 2006. Rapid socio-economic changes and BMI dynamics in Vietnam. Presentation at Experimental Biology, San Francisco, CA, United States.

Thesis/Dissertation

Nguyen, T., 2008. Determining body mass index cutoffs to identify increased risk of hypertension for Asian ethnicities. PhD diss., University of North Carolina at Chapel Hill.

Book Chapters

Baranowski, T., J. Baranowski, K. Cullen, M. Hingle, S. Hughes, R. Jago, T. Ledoux, J. Mendoza, N. T. Tuan, T. O'Connor, D. Thompson, and K. Watson. 2010. Problems and possible solutions for interventions among children and adolescents. In *Childhood Obesity Prevention – International Research, Controversies and Interventions,* ed. Jennifer A O'Dea and Michael Eriksen. United States: Oxford University Press.

AWARDS

The Best Presenter, awarded by Vietnam Education Foundation and the National Academies, January 05, 2009.

Student Scientific Award, awarded by American Society of Nutrition, International Nutrition Council, April 7, 2008.

The Best Presenter, awarded by Vietnam Education Foundation and the National Academies, January 4, 2008.

OTHER RECOGNITION

Thrasher Research Fund (Early Career Award Grant; $25,000). 2009. Determining BMI cut points associated with increased risk of hypertension in American children and adolescents.

Full Name: NGUYỄN Thế Anh (Anh The NGUYEN)
Cohort Year: 2004
Graduation Year: 2007
Degree: Master's
Subject: Biomedical Engineering
University: Tufts University
Current Job: Project Manager, Vietnam Report Joint Stock Company, Hanoi
Email: anhdtvt@yahoo.com

Full Name: NGUYỄN Thị Lương Y (Luong Y Thi NGUYEN)
Cohort Year: 2005
Graduation Year: 2007
Degree: MSPH
Subject: Health Policy and Administration
University: University of North Carolina at Chapel Hill
Current Job: Monitoring and Evaluation Officer, Elizabeth Glaser Pediatric AIDS Foundation, Washington DC, VA, the United States
Email: ly@email.unc.edu

Full Name: NGUYỄN Thị Bích Lan (Lan Thi Bich NGUYEN)
Cohort Year: 2004
Graduation Year: 2006
Degree: Master's
Subject: Industrial and Operations Engineering
University: University of Michigan at Ann Arbor
Current Job: Industrial Engineer, Intel Products Vietnam, Ho Chi Minh City
Email: safemodevn@yahoo.com

Full Name: NGUYỄN Thi Hồng Hạnh (Hanh Thi Hong NGUYEN)
Cohort Year: 2004
Graduation Year: 2008
Degree: Master's
Subject: Zoology
University: University of Georgia
Current Job: Freelancer, Hanoi
Email: hanhdaklak@yahoo.com

Full Name: NGUYỄN Thi Minh Nguyệt (Nguyet Thi Minh NGUYEN)
Cohort Year: 2004
Graduation Year: 2007
Degree: Master's
Subject: Computer Science
University: University of Virginia
Current Job: Freelance Quality Assurance Engineer, Hanoi
Email: nguyetcres@yahoo.com

PUBLICATIONS

Conference Papers

Nguyen, N., and Mary Lou Soffa. 2007. Program representations for testing wireless sensor network applications. In *Foundations of Software Engineering, Workshop on Domain Specific Approaches to Software Test Automation: In conjunction with the 6th ESEC/FSE Joint Meeting,* 20-26. New York, NY, United States: ACM.

Conference Presentations

Nguyen, N., and Mary Lou Soffa. 2007. Testing wireless sensor networks. Presentation at Committee on the Status of Women in Computing ResearchGraduate Cohort 2007 Workshop, Austin, TX, United States.

Full Name: NGUYỄN Thị Thu Thủy (Thuy Thi Thu NGUYEN)
Cohort Year: 2008
Graduation Year: 2010
Degree: Master's
Subject: Geographic Information Sciences for Development and Environment
University: Clark University
Current Job: UNV Specialist in Statistics and IT, United Nations Development Programme, Hanoi
Email: sallynguyen1309@gmail.com

PUBLICATIONS

Conference Presentations

Nguyen, T., J. Hepinstall-Cymerman, T. Gragson, J. Chamblee, and R. G. Pontius Jr. 2010. Sensitivity of land change analysis to category aggregation. Presentation at Annual Meeting of the Association of American Geographers, Washington, DC, United States.

Full Name: NGUYỄN Thị Thu Trang (Trang Thi Thu NGUYEN)
Cohort Year: 2004
Graduation Year: 2007
Degree: Master's
Subject: Biomedical Engineering
University: Tufts University
Current Job: Vice Managing Director, DDP Materials Company Ltd., Ho Chi Minh City
Email: ntttrang@gmail.com

Full Name: NGUYỄN Thu Hà (Ha Thu NGUYEN)
Cohort Year: 2007
Graduation Year: 2009
Degree: MPH
Subject: Epidemiology
University: Emory University
Current Job: Continuing on to her Ph.D. Program in Georgia State University in Atlanta, GA
Email: nguyenha982@yahoo.com

Full Name: NGUYỄN Tiến Thắng (Thang Tien NGUYEN)
Cohort Year: 2005
Graduation Year: 2010
Degree: PhD
Subject: Electrical and Computer Engineering
University: Rutgers University
Current Job: Research Fellow, University of Melbourne, Melbourne, Australia

Email: thangnt_hn@yahoo.com

PUBLICATIONS

Journal Articles

Nguyen, T., and Z. Gajic. 2010. Solving the matrix differential Riccati equation: A Lyapunov equation approach. *IEEE Transactions on Automatic Control* 55 (1): 191-94.

Nguyen, T., W. C. Su, and A. Gajic. 2010. Output feedback sliding mode control for sampled-data systems. *IEEE Transactions on Automatic Control* 55 (7): 1684-89.

Conference Papers

Nguyen, T., W. C. Su, and A. Gajic. 2009. Singular perturbation analysis of output feedback discrete time sliding mode control with disturbance attenuation. In *The 2009 American Control Conference*, 757-62. St. Louis, MO, United States: IEEE.

Thesis/Dissertation

Nguyen, T. 2010. Sliding mode control for systems with slow and fast modes. PhD diss., Rutgers University.

AWARDS

Academic Achievement Award, awarded by the Department of Electrical and Computer Engineering, May 17, 2010.

Full Name: NGUYỄN Trí Dũng (Dung Tri NGUYEN)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Operations Research
University: Massachusetts Institute of Technology
Current Job: Lecturer, University of Southampton, South Hampton, England

Email: nguyendt@mit.edu

PUBLICATIONS

Journal Articles

Nguyen, D., and R. Welsch. 2010. Outlier detection and least trimmed squares approximation using semi-definite programming. *Computational Statistics and Data Analysis.*

Nguyen, D., and R. Welsch. 2010. Outlier detection and robust covariance estimation using mathematical programming. *Advances in Data Analysis and Classification.*

Nguyen, D., X. Cai, and Y. Ouyang. 2010. Modeling interdependencies, resiliency and sustainability. *IEEE-Transactions on Systems, Man and Cybernetics.*

Liu, P., D. Nguyen, X. Cai, and X. Jiang. 2010. Finding multiple solutions of optimal load distribution in hydropower plant. *IEEE-Transactions on Power Systems.*

Thesis/Dissertation

Nguyen, D. 2009. Operations research techniques for portfolio optimization, robust statistics and hedge fund strategies. PhD diss., Massachusetts Institute of Technology.

Book Chapters

Brennan, T., A. Lo, and D. Nguyen. 2009. Portfolio Selection. In *Foundations and Trends® in Finance.*

Full Name: NGUYỄN Trung Hiếu (Hieu Trung NGUYEN)
Cohort Year: 2005
Graduation Year: 2010
Degree: PhD
Subject: Mathematics
University: University Of California at San Diego
Current Job: Academic Training: Postdoctoral Scholar, Computer Science,University of California, Davis, CA (September 1, 2010 to August 31, 2011)
Email: hieucsd@yahoo.com

PUBLICATIONS

Conference Presentations

Nguyen, H., Y. Cui, K. Olsen, and K. Lee. 2009. Single CPU optimizations of SCEC AWP-Olsen application. Presentation at Southern California Earthquake Center Annual Meeting 2009, Palm Springs, CA, United States.

Thesis/Dissertation

Nguyen, H. 2010. Adaptive and automatic-adaptive finite element methods for elliptic partial differential equations. PhD diss., University of California, San Diego.

Books

Bank, R. E., and H. Nguyen. 2010. *Domain Decomposition Methods in Science and Engineering XIX.* Berlin: Springer Berlin Heidelberg.

AWARDS

Outstanding Teaching Assistant, awarded by Department of Mathematics, November 1, 2009.

Full Name: NGUYỄN Trường Giang (Giang Truong NGUYEN)
Cohort Year: 2004
Graduation Year: 2006
Degree: Master's
Subject: Information Systems Management
University: Carnegie Mellon University
Current Job: Head of Inter Agency Unit, UNDP Viet Nam, Hanoi
Email: giangvietnam2004@yahoo.com

Full Name: NGUYỄN Tuấn Nam (Nam Tuan NGUYEN)
Cohort Year: 2004
Graduation Year: 2009
Degree: PhD
Subject: Computer Science
University: University of California at Los Angeles
Current Job: Lecturer, Department of Computer Science, University of Natural Sciences, Vietnam National University of Ho Chi Minh City
Email: songuku99@yahoo.com

Full Name: NGUYỄN Văn Giáp (Giap Van NGUYEN)
Cohort Year: 2005
Graduation Year: 2010
Degree: PhD
Subject: Applied Economics
University: Auburn University
Current Job: Academic Training: Adjunct Instructor, Auburn University at Montgomery (AUM), Department of Economics, Montgomery, AL (October 1, 2010 to December 09, 2010)
Email: gi_di2001@yahoo.com

PUBLICATIONS

Journal Articles

Nguyen, G., and C. Jolly. 2010. Aggregate seafood import demand in selected tourism-reliant Caribbean countries. *Tropical Agriculture:* 1-23.

Kebede, E., C. Jolly, and G. Nguyen. 2009. Ethanol demand growth and related impact on corn and poultry market. *Journal of American Academy of Business,* Cambridge 15, 1: 1-8.

Conference Papers

Nguyen, G., and C. Jolly. 2010. Economics of the U.S. catfish farm supply. In The *Southern Agricultural Economics Association Annual meeting,* 2010, 1-32. United States: The Southern Agricultural Economics Association.

Nguyen, G., and C. Jolly. 2010. The International Institute of Fisheries Economics and Trade 2010 Conference. In *Economics of Fish Resources and Aquatic Ecosystems: Balancing Uses, Balancing Costs,* 1-30. France: IIFET.

Nguyen, G., and C. Jolly. 2009. Seafood import demand in the Caribbean common market (CARICOM) area. In *The 28th West Indies Agricultural Economics Conference, the Caribbean Agro-Economic Society,* 1-25. Barbados: The 28th West Indies Agricultural Economics Conference, the Caribbean Agro-Economic Society.

Nguyen, G., and C. Jolly.. 2008. Structural break in the international shrimp market. In *The International Institute of Fisheries Economics and Trade (IIFET) 2008 Conference,* 1-10. United States: The International Institute of Fisheries Economics and Trade.

Nguyen, G. 2007. A model of world frozen shrimp market. In *The Southern Economics Association Annual Meeting, New Orleans, LA,* United States, 1-15. United States: The Southern Economics Association.

Conference Presentations

Jolly, C., and G. Nguyen. 2010. U.S. Import demand for herring: A market opportunity. Presentation at the International Institute of Fisheries Economics and Trade 2010 Conference, Montpellier, France.

Thesis/Dissertation

Nguyen, G. 2010. Supply dynamics, price transmission, and risks in the U.S. catfish industry. PhD diss., Auburn University

Nguyen, G. 2010. Simultaneous system of supply equation estimations. Master's thesis, Auburn University

AWARDS

Aquaculture Professional Travel Awards, awarded by IIFET/AquaFish-CRSP/United StatesID, July 12, 2010.

Outstanding International Graduate Student Award, awarded by Auburn University International Education Office, April 18, 2010.

The Honor of Society of Agriculture–Gamma Sigma Delta, awarded December 10, 2008.

Conference Travel Grants, awarded by Vietnam Education Foundation, July 25, 2008.

Outstanding Graduate Student, awarded by International Office of Education, April 20, 2008.

Full Name: NGUYỄN Viết Hoàng (Hoang Viet NGUYEN)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Computer Science
University: University of Illinois at Urbana – Champaign
Current Job: Academic Training: Software Engineer, Google Inc., Mountain View, CA (August 2, 2010 to October 12, 2011)
Email: hnguyen5@uiuc.edu

PUBLICATIONS

Journal Articles

Nguyen, H., Raoul Rivas, and Klara Nahrstedt. 2010. iDSRT: Integrated dynamic soft real-time architecture for critical infrastructure data delivery over WLAN. *ACM/Springer Mobile Networks and Applications.*

Nguyen, H., Raoul Rivas, and Klara Nahrstedt. 2010. End-to-end reference QoS architecture for 802.11 WLAN. *IEICE Transactions on Communications.*

Conference Papers

Nguyen, H., Thadpong Pongthawornkamol, and Klara Nahrstedt. 2010. Identifying insider-based jammers in multi-channel wireless networks. In *IEEE Global Communication.* Miami, FL, United States: IEEE.

Nguyen, H., Thadpong Pongthawornkamol, and Klara Nahrstedt. 2009. Alibi: A framework for identifying insider-based jamming attacks in multi-channel wireless networks. In *ACM Conference on Computer and Communications Security.* Chicago, IL, United States: ACM.

Nguyen, H., Raoul Rivas, and Klara Nahrstedt. 2009. iDSRT: Integrated dynamic soft real-time architecture for critical infrastructure data delivery over WLAN. In *ICST International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness.* Las Pamas, Spain: ICST.

Nguyen, H., Thadpong Pongthawornkamol, and Klara Nahrstedt. 2009. Identifying insider-based jammers in single-hop wireless networks. In *IEEE Military Communication.* Boston, MA, United States: IEEE.

He, Wenbo, Xue Liu, H. Nguyen, and Klara Nahrstedt. 2009. A Cluster-based protocol to enforce integrity and preserve privacy in data aggregation. In *IEEE International Conference on Distributed Computing Systems.* Montreal, Quebec, Canada: IEEE.

Gao, Yan, Jennifer Hou, and H. Nguyen. 2008. Topology control for maintaining network connectivity and maximizing network capacity under physical model. In *IEEE Conference on Computer Communi cation.* Phoenix, AZ, United States: IEEE.

He, Wenbo, H. Nguyen, Xue Liu, Klara Nahrstedt, Tarek Abdelzaher. 2008. iPDA: An integrity-protecting private data aggregation scheme for wireless sensor networks. In I*EEE Military Communication.* San Diego, CA, United States: IEEE.

Nguyen, H., and Klara Nahrstedt. 2007. Attack containment framework for large-scale critical infrastructures. In *IEEE International Conference on Computer Communications and Networks.* Honolulu, HI, United States: IEEE.

Xue, Yuan, H. Nguyen, and Klara Nahrstedt. 2007. CA-AQM: Channel-aware active queue management for wireless networks. In *IEEE International Conference on Communications*. Glasgow, Scotland: IEEE.

He, Wenbo, Xue Liu, H. Nguyen, and Klara Nahrstedt. 2007. PDA: Privacy-preserving data aggregation in wireless sensor networks. In *IEEE Conference on Computer Communications*. Anchorage, AK, United States: IEEE.

He, Wenbo, H. Nguyen, and Klara Nahrsted. 2006. Experimental validation of middleware-based QoS control in 802.11 wireless networks. In *IEEE International Conference on Broadband Communications, Networks,* and Systems. San Jose, CA, United States: IEEE.

Thesis/Dissertation

Nguyen, H. 2010. Alibi framework for identifying insider jamming attacks in half-duplex wireless local area networks. PhD diss., University of Illinois at Urbana-Champaign.

INTELLECTUAL PROPERTY PATENTS

Nguyen, H., and Dilip Krishnaswamy. 2011. Method and apparatus for delay-constrained end-to-end energy optimization for wireless devices. U.S. Patent, filed January 7, 2010, and issued January 7, 2011.

SOFTWARE

Nguyen, H., Raoul Rivas, and Klara Nahrstedt. 2007. iDSRT: Integrated dynamic soft real-time for data delivery over WLAN. Illinois Open Source License, filed August 11, 2007, and issued August 11, 2007.

AWARDS

Google Top Bug Award, awarded by Google Inc., August 1, 2009.

Full Name: NGUYỄN Việt Hùng (Hung Viet NGUYEN)
Cohort Year: 2003
Graduation Year: 2008
Degree: PhD
Subject: Computer Science
University: Arizona State University
Current Job: General Director - CEO, Petro Vietnam Automation and Information Technology Company, Hanoi
Email: hungnv@pvtech.pvn.vn

PUBLICATIONS

Journal Articles

Nguyen, H., Hasan Davulcu., and Vishwanathan Ramachandran. 2006. Boosting item findability: Bridging the semantic gap between search phrases and item descriptions. *International Journal of Intelligent Information Technologies* 2, 3 (Special Issue): 1-20.

Conference Papers

Davulcu, Hasan, Nguyen, H., and Vishwanathan Ramachandran. 2005. Boosting item findability: Bridging the semantic gap between search phrases and item information. In *Enterprise Information Systems* VII, 48-55. 2005: Springer Velag.

Nguyen, H., P. Velamuru, Deepak Kolippakkam, Hasan Davulcu, Huan Liu, and M. Ates. 2003. Mining "hidden phrase" definitions from the web. In *LNCS Springer Velag,* 156-165. United States: Springer Velag.

Conference Presentations

Nguyen, H., and Hasan Davulcu. 2008. Mining search-phrase definitions from item descriptions. Presentation at International Conference on Data Engineering, United States.

Magazines

Nguyen, H., Corinna Gries, and Hasan Davulcu. 2008. Improving the basic keyword search for datasets by employing text mining techniques and indexing. *LTER Databits,* March 2008.

Thesis/Dissertation

Nguyen, H. 2008. Content-based mining of query replacements. PhD diss., Arizona State University

Book Chapters

Nguyen, H., and Hasan Davulcu. 2008. On the problem of mining phrase definition from item descriptions. In *Intelligent Information Technologies and Applications,* ed. Vijayan Sugumaran, 271-94. United States: IGI Publishing.

Books

Nguyen, H. 2008. *Content-based mining of query replacements.* United States: VDM Verlag Dr. Muller Aktiengesellschaft @ Co. KG.

AWARDS

10 Outstanding Faces in IT of Vietnam-Golden Globe Award 2008, awarded by Ministry of Science and Technology and Central Committee of Communist Youth Confederation, December 30, 2008.

OTHER RECOGNITION

Creative Youth Medal awarded by Vietnam Central Committee of Communist Youth Confederation. 2008. For outstanding achievements in IT-Golden Globe Award.

Full Name: NGUYỄN Việt Hùng (Hung Viet NGUYEN)
Cohort Year: 2006
Graduation Year: 2010
Degree: PhD
Subject: Civil and Environmental Engineering
University: University of California at Berkeley
Current Job: Academic Training: Virtual Design and Construction Technician, Herrero Contractors Inc., San Francisco, CA (March 01, 2010 to March 01, 2011)
Email: viethungvn@yahoo.com

PUBLICATIONS

Conference Papers

Nguyen, H., B. Lostuvali, and I. D. Tommelein. 2009. Decision analysis using virtual first-run study of a viscous damping wall system. In *Proceedings 17th Annual Conference of the International Group for Lean Construction,* ed. IGLC 17, 371-81. Taipei, Taiwan: IGLC 17.

Nguyen, H., I. D. Tommelein,, and G. Ballard, G. 2008. Process-based cost modeling to support lean project delivery. In *Proceedings of the 16th Annual Conference of the International Group for Lean Construction (IGLC 16),* ed. P. Tzortzopoulos, and M. Kagioglou, 577-88. Manchester, UK: University of Salford.

Thesis/Dissertation

Nguyen, H. 2010. Process-based cost modeling to support target value design. PhD diss., University of California, Berkeley.

INTELLECTUAL PROPERTY PATENTS

DeSoto, A., H. Nguyen, K. Jose, A. Favor, and K. Pham. 2009. Security system and method for a portable device. U.S. Patent and Trademark Office, filed February 27, 2009, and issued December 31, 2011.

AWARDS

Best Research Project Award - Lean Construction and Supply Chain Management, awarded by U.S. Construction Employers Association, May 6, 2008.

Full Name: PHẠM Bảo Yến (Yen Bao PHAM)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Molecular Biology
University: University of North Carolina at Chapel Hill
Current Job: Academic Training: Postdoctoral Research Associate, University of North Carolina at Chapel Hill, School of Medicine, Department of Biochemistry and Biophysics, Chapel Hill, NC (July 1, 2010 to June 30, 2011)
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PUBLICATIONS

Journal Articles

Pham, Y., Li Li, Aram Kim, Ozgun Edrogan, Violetta Weinreb, Glenn L. Butterfoss, Brian Kuhlman, and Charles W. Carter, Jr.. 2007. A minimal TrpRS catalytic domain supports sense/antisense ancestry of class I and class II aminoacyl-trna synthetases. *Molecular Cell* 25: 851-62.

Thesis/Dissertation

Pham, Y. 2010. Characterization of a tryptophanyl-tRNA synthetase Urzyme and its intramolecular complementation establishes a model to study the catalytic mechanism and evolution of the contemporary class I aminoacyl-tRNA synthetases. PhD diss., University of North Carolina at Chapel Hill.

Full Name: PHẠM Hồng Phương (Phuong Hong PHAM)
Cohort Year: 2004
Graduation Year: 2006
Degree: Master's
Subject: Chemical Engineering
University: Stanford University
Current Job: Chemical/Project Engineer, Petrovietnam General Services Joint Stock Corporation, Ho Chi Minh City
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Full Name: PHẠM Sỹ Minh Hoàng (Hoang Sy Minh PHAM)
Cohort Year: 2005
Graduation Year: 2007
Degree: Master's
Subject: Structural Engineering, Mechanics, and Materials
University: University of California at Berkeley
Current Job: Senior Structural Engineer, Thomas Leung Structural Engineering Inc., Vancouver, Canada
Email: psmhoang@yahoo.com

Full Name: PHẠM Thị An Châu (Chau Thi An PHAM)
Cohort Year: 2005
Graduation Year: 2007
Degree: MEM
Subject: Ecosystem Science and Management
University: Duke University
Current Job: Freelancer, Hanoi

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Full Name: PHẠM Thị Hoàng Vân (Van Thi Hoang PHAM)
Cohort Year: 2004
Graduation Year: 2009
Degree: DPH
Subject: Public Health
University: Johns Hopkins University
Current Job: Founder/Management Board, Institute of Social and Medical Studies and Center for Promotion of Advancement of Society, Hanoi
Email: vpham@jhsph.edu

Full Name: PHẠM Thị Minh Tâm (Tam Thi Minh PHAM)
Cohort Year: 2004
Graduation Year: 2006
Degree: Master's
Subject: Computer Science
University: University of Illinois at Urbana - Champaign
Current Job: Project Manager & Business Partner, HSBC Vietnam, Ho Chi Minh City
Email: tam266@gmail.com

PUBLICATIONS

Conference Papers

Pham, T. 2007. The efficiency of periodic rekeying in dynamic group key management. In *Proceedings of the European Conference on Universal Multiservice Networks ECUMN 2007,* ed. Tam Pham and Paul Watters, 425-32. Toulouse, France: 4th European Conference on Universal Multiservice Networks.

Pham, T. 2006. Taking levi identity seriously: A plea for iterated belief contraction. In *Lecture Notes in Computer Science 4092 Springer 2006,* ed. Abhaya C. Nayak, Randy Goebel, Mehmet A. Orgun, and Tam Pham, 4092-0305. Guilin, China: Springer.

OTHER RECOGNITION

HSBC Premier. 2010. Launched HSBC Premier, the first truly globally linked and comprehensive banking service for affluent customers in Vietnam.

Global Finance Award for Best Consumer Internet Banking in Vietnam. 2009. Launched the first transactional Internet banking with global standard to consumers in Vietnam.

Full Name: PHẠM Tuấn Lê (Le Tuan PHAM)
Cohort Year: 2007
Graduation Year: 2009
Degree: Master's
Subject: Civil Engineering
University: University of Texas at Austin
Current Job: Lecturer, Bridge Design Department at Hanoi University of Civil Engineering, Hanoi
Email: phamtuanle@gmail.com

PUBLICATIONS

Conference Papers

Pham, L., J. O. Jirsa, and O. Bayrak. 2009. Development of quality control tests for CFRP anchors. In *9th International Symposium on Fiber Reinforced Polymer Reinforcement for Concrete Structures,* ed. L. T. Pham, J. O. Jirsa, and O. Bayrak. Sydney, Australia: ICE Australia.

Thesis/Dissertation

Pham, L. 2009. Development of a quality control test for carbon fiber reinforced polymer anchors. Master's thesis, the University of Texas at Austin.

OTHER RECOGNITION

Zone-2 Third Place, PCI 2009 Engineering Student Design Competition (Big Beam Contest). 2009.

Full Name: PHAN Thị Thu Hà (Ha Thi Thu PHAN)
Cohort Year: 2004
Graduation Year: 2009
Degree: DPH
Subject: Public Health
University: University of Texas at Houston
Current Job: Researcher, Center for Promotion of Advancement of Society, Institute of Social and Medical Studies, Hanoi
Email: steinriver@yahoo.com

PUBLICATIONS

Journal Articles

Ngo, Anh D., Dana Alden, Van Pham, and H. Phan. 2010. The impact of social franchising on the use of reproductive health and family planning services at public community clinics in Vietnam. *BMC Health Services Research:* 10: 54.

Ngo, Anh, Michael Ross, H. Phan, Eric A. Ratliff, Thang Trinh, and Lisa Sherburne. 2009. Presentation of male homosexual behavior and identity among young men who have sex with men in Vietnam: Implications for HIV prevention. *AIDS Education and Prevention* 21 (3): 251-65.

Ngo, Anh, H. Phan, Van Pham, Thang Trinh, and Khoa Truong. 2009. Impacts of a government social franchise model on perceptions of service quality and client satisfaction at commune health stations in Vietnam. *Journal of Development Effectiveness* 1, 1943-9407 (4): 413–29.

Thesis/Dissertation

Phan, H. 2009. Infections of HIV and HCV among injecting drug users in drug treatment in Northern Vietnam. DPH diss., University of Texas Health Science Center at Houston.

AWARDS

University International Program Award, awarded by University of Texas International Program, July 30, 2007.

Full Name: PHAN Thị Thu Hương (Huong Thi Thu PHAN)
Cohort Year: 2006
Graduation Year: 2009
Degree: Master's
Subject: Computer Science
University: University of Massachusetts Amherst
Current Job: Lecturer, RMIT Vietnam, Ho Chi Minh City
Email: huongd9@yahoo.com

Full Name: PHAN Triều Giang (Giang Trieu PHAN)
Cohort Year: 2003
Graduation Year: 2009
Degree: PhD
Subject: Geography
University: University of Hawaii at Manoa
Current Job: Lecturer, Faculty of Forestry, Nong Lam University Ho Chi Minh City
Email: giangpt@hcmuaf.edu.vn

PUBLICATIONS

Journal Articles

Phan, G. 2010. Thiên Tai, Nhân Tai (Natural disaster, human disaster). *Tập San Các Công Trình Nghiên Cứu Khoa Học Khoa Lâm Nghiệp giai đoạn 2005-2009* (Review of Forestry Science Research projects period 2005-2009): 161-64.

Thesis/Dissertation

Phan, G. 2009. Brewing Development: Coffee and Livelihoods in the Central Highlands, Vietnam. PhD diss., University of Hawaii at Manoa.

Full Name: PHÙNG Ngọc Nguyên Hạnh (Hanh Nguyen PHUNG-NGOC)
Cohort Year: 2008
Graduation Year: 2010
Degree: Master's
Subject: Environmental and Water Resources Engineering
University: University of Texas at Austin
Current Job: Project Manager, Koastal Eco Industries Co., Ltd, Vietnam, Ho Chi Minh City
Email: voivocun@yahoo.com

Full Name: THÂN Văn Cường (Cuong Van THAN)
Cohort Year: 2005
Graduation Year: 2009
Degree: PhD
Subject: Computer Science
University: Rice University
Current Job: Academic Training: Postdoctoral fellow, Department of Human Genetics, University of Michigan, Ann Arbor, MI (October 15, 2009 to April 14, 2011)
Email: tvcuong@umich.edu

PUBLICATIONS

Journal Articles

Than, C., and L. Nakhleh. 2009. Species tree inference by minimizing deep coalescences. *PLoS Computational Biology* 5, 9: e1000501.

Than, C., D. Ruths, and L. Nakhleh. 2008. PhyloNet: A software package for analyzing and reconstructing reticulate evolutionary relationships. *BMC Bioinformatics* 9: 322.

Kanj, I., L. Nakhleh, C. Than, and G. Xia. 2008. Seeing the trees and their branches in the network is hard. *Theoretical Computer Science* 401: 153-64.

Than, C., R. Sugino, H. Innan, and L. Nakhleh. 2008. Efficient inference of bacterial strain trees from genome-scale multi-locus data. *Bioinformatics* 24: i123-31.

Than, C., D. Ruths, H. Innan, and L. Nakhleh. 2007. Confounding factors in HGT detection: Statistical error, coalescent effects, and multiple solutions. *Journal of Computational Biology* 14, 4: 517-35.

Conference Papers

Than, C., G. Jin, and L. Nakhleh. 2008. Integrating sequence and topology for efficient and accurate detection of horizontal gene transfer. In *Proceedings of the 6th RECOMB Comparative Genomics Workshop,* 113-27. Paris, France: Springer.

Than, C., and L. Nakhleh. 2008. SPR-based tree reconciliation: Non-binary trees and multiple solutions. In *Proceedings of the 6th Asia Pacific Bioinformatics Conference,* 251-60. Kyoto, Japan: World Scientific Publishing Company.

Kanj, I., L. Nakhleh, C. Than, and G. Xia. 2007. Seeing the trees and their branches in the network is hard. In *Proceedings of the 10th Italian Conference on Theoretical Computer Science,* 82-93. Rome, Italy: World Scientific Publishing Company.

Than, C., D. Ruths, H. Innan., and L. Nakhleh. 2006. Identifiability issues in the phylogenetic-based detection of horizontal gene transfer. In *Proceedings of the 4th RECOMB Comparative Genomics Workshop,* 215-29. Montreal, Canada: Springer.

Full Name: TRẦN Phương (Phuong TRAN)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Theoretical and Applied Mechanics
University: University of Illinois at Urbana - Champaign
Current Job: Academic Training: Postdoctoral Fellow, Department of Mechanical Engineering, McCormick School of Engineering and Applied Science, Northwestern University, Evanston, IL (September 25, 2010 to September 24, 2011)
Email: tranphuong21@yahoo.com

PUBLICATIONS

Journal Articles

Tran, P., S. Kandula, P. H. Geubelle, and N. R. Sottos. 2010. Dynamic delamination of patterned thin films: A numerical study. *International Journal of Fracture:* 77-90.

Tran, P., S. Kandula, P. H. Geubelle, and N. R. Sottos. 2010. Comparison of thin film dynamic and quasi-static interfacial adhesion measurements. *Journal of Physics* D, submitted.

Selvarasu, P., P. Tran, P. H. Geubelle, and N. R. Sottos. 2010. Effect of residual stresses on laser-induced delamination of patterned thin films, in preparation.

Tran, P., S. Kandula, P. H. Geubelle, and N. R. Sottos. 2008. Hybrid spectral, finite element analysis of laser-induced delamination of thin film. *Engineering Fracture Mechanics:* 261902-1.

Kandula, S., P. Tran, P. H. Geubelle, and N. R. Sottos. 2008. Dynamic delamination of patterned thin films. *Applied Physics Letters*: 261902-1.

Full Name: TRẦN Anh Phong (Phong Anh TRAN)
Cohort Year: 2005
Graduation Year: 2010
Degree: PhD
Subject: Physics
University: Brown University
Current Job: Academic Training: Postdoctoral Research Associate, Rhode Island Hospital/Hasbro Children's Hospital, Providence, RI (June 01, 2010 to May 31, 2011)
Email: phongbk@yahoo.com

PUBLICATIONS

Journal Articles

Tran, P., L. Sarin, R. H. Hurt, and T. J. Webster. 2010. Titanium surfaces with adherent selenium nanoclusters as a novel anticancer orthopedic material. *Journal of Biomedical Materials Research A*: 1417-28.

Tran, P., L. Zhang, and T. J. Webster. 2009. Carbon nanofibers and carbon nanotubes in regenerative medicine. *Advanced Drug Delivery Reviews*: 1097-11.

Thesis/Dissertation

Tran, P. 2010. Nanostructured selenium for biomedical applications: From theory to practice. PhD diss., Brown University.

Full Name: TRẦN Anh Tuấn (Tuan Anh TRAN)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Theoretical and Applied Mechanics
University: University of Illinois at Urbana – Champaign
Current Job: Postdoctoral Scholar, University of Twente, Enschende, Neitherland
Email: tuanvhn@gmail.com

PUBLICATIONS

Journal Articles

Tran, T., Pinaki Chakraborty, Nicholas Guttenberg, Alisia Prescott, Hamid Kellay, Walter Goldburg, Nigel Goldenfeld, and Gustavo Gioia. 2010. Macroscopic effects of the spectral structure in turbulent flows. *Nature Physics* 6: 438- 41.

Tran, T., Pinaki Chakraborty, Gustavo Gioia, Stanley Steers, and Walter Goldburg. 2009. Marangoni shocks in unobstructed soap-film flows. *Physical Review Letters* 103 (10): 104501.

Conference Presentations

Tran, T., P. Chakraborty, G. Gioia, N. Guttenberg, N. Goldenfeld, A. Prescott, W. I. Goldburg, and H. Kellay. 2009. The friction factor of 2D turbulent flow in soap films. Presentation at Gordon Research Conference: Nonlinear Science, South Hadley, MA, United States.

Full Name: TRẦN Đại Nghĩa (Nghia Dai TRAN)
Cohort Year: 2003
Graduation Year: 2008
Degree: PhD
Subject: Natural Resources and Environmental Management
University: University of Hawaii at Manoa
Current Job: Head, International Department, Thai Nguyen University of Economics and Business Administration, Thai Nguyen
Email: nghia@hawaii.edu

PUBLICATIONS

Journal Articles

Tran, D. 2009. Economic and environmental impacts in the transition to organic tea production in the Thai Nguyen province of Vietnam. *Economic and Environmental Program for Southeast Asia:* 1-71.

Tran, D. 2009. Study on removal of export ban policy in Cao Bang Province. PI Research Report: 1-25.

Full Name: TRẦN Hồng Anh (Anh Hong TRAN)
Cohort Year: 2008
Graduation Year: 2010
Degree: MPH
Subject: Public Health
University: University of California at Berkeley
Current Job: In the U.S. on J2 Status, her husband is a VEF Fellow, Stillwater, OK
Email: anhtran05@gmail.com

PUBLICATIONS

Thesis/Dissertation

Tran, A. 2010. Gender differences and the association towards the attitudes of condoms carrying in Vietnamese young people aged 14-25. MPH thesis, University of California, Berkeley.

Full Name: TRẦN Lê Hồng Dũ (Du Le Hong TRAN)
Cohort Year: 2006
Graduation Year: 2009
Degree: Master's
Subject: Computer Science
University: University of Illinois at Urbana – Champaign
Current Job: Lecturer, Faculty of Information Technology, Ho Chi Minh City University of Science, Ho Chi Minh City
Email: dutlh@yahoo.com

PUBLICATIONS

Conference Papers

Tran, D., and Alexander Sorokin. 2008. Human activity recognition with metric learning. In *the 10th European Conference in Computer Vision,* ed. D. Forsyth, P. Torr, and A. Zisserman, 548-61. Marseille, France: Springer, LNCS.

Thesis/Dissertation

Tran, D. 2009. Human activity recognition in real world videos. Master's thesis, University of Illinois at Urbana-Champaign.

Full Name: TRẦN Nguyễn Thanh Hương (Huong Nguyen Thanh TRAN)
Cohort Year: 2005
Graduation Year: 2009
Degree: Master's
Subject: Soybean Genomics and Biotechnology
University: University of Missouri – Columbia
Current Job: In the United States on J-2 status; her husband is a VEF Fellow, NY

Email: hntxt8@mizzou.edu

PUBLICATIONS

Thesis/Dissertations

Tran, H. 2009. High throughput profiling of transcription factors involved in soybean root growth under water deficit. MS thesis, University of Missouri.

Full Name: TRẦN Thị Phước Thảo (Thao Thi Phuoc TRAN)
Cohort Year: 2008
Graduation Year: 2009
Degree: Master's
Subject: Biotechnology
University: Columbia University
Current Job: Marketing & PR, Global Link Vietnam, Ho Chi Minh City

Email: phuocthao10@gmail.com

Full Name: TRẦN Văn Xuân (Xuan Van TRAN)
Cohort Year: 2004
Graduation Year: 2009
Degree: PhD
Subject: Mechanical Engineering
University: University of Michigan at Ann Arbor
Current Job: Researcher Engineer, French Electricity Company (EDF), France

Email: xuanklpt@yahoo.fr

PUBLICATIONS

Journal Articles

Tran, X., J. Pan and T. Pan. 2010. Fatigue behavior of dissimilar spot friction welds in lap-shear and cross-tension specimens of aluminum sheets. *International Journal of Fatigue* 32: 1022-41.

Tran, X., and J. Pan. 2010. Fatigue behavior of spot friction welds in lap-shear and cross- tension specimens of dissimilar aluminum and steel sheets. *Fatigue Behavior of Spot Friction Welds in Lap-Shear and Cross-Tension Specimens of Dissimilar Aluminum and Steel Sheets* 32: 1167-79.

Tran, X., and J. Pan. 2010. Fatigue behavior of spot friction welds in lap-shear and cross-tension specimens of dissimilar aluminum and steel sheets. *International Journal of Fatigue* 32: 1167-79.

Tran, X., and J. Pan. 2010. Effects of weld geometry and sheet thickness on stress intensity factor solutions for spot and spot friction welds between similar and dissimilar materials in lap-shear specimens. *Engineering Fracture Mechanics* 77: 1417-38.

Tran, V. X., and J. Pan. 2010. Failure modes of friction stir spot welds in cross-tension specimens of dissimilar aluminum sheets. *Science and Technology of Welding and Joining,* accepted.

Tran, X., and J. Pan. 2010. Stress intensity factor solutions for resistance spot welds and spot friction welds in lap-shear specimens of different materials and thicknesses. *Engineering Fracture Mechanics,* accepted.

Tran, X., J. Pan, and T. Pan. 2009. Effects of processing time on strengths and failure modes of dissimilar spot friction welds between aluminum 5754-O and 7075-T6 sheets. *Journal of Materials Processing Technology* 209: 3724-39.

Tran, X., and J. Pan. 2009. Fatigue behavior of dissimilar spot friction welds between aluminum and coated steel sheets in lap-shear and cross-tension specimens, *SAE Journal of Materials and Manufacturing:* 68-74.

Tran, X., J. Pan., and T. Pan. 2008. Fatigue behavior of aluminum 5754-O and 6111-T4 spot friction welds in lap- shear specimens. *International Journal of Fatigue* 30: 2175-90.

Tran, X., P. C. Lin, J. Pan, T. Pan, and T. Tyan. 2007. Failure loads of spot friction welds in aluminum 6111-T4 sheets under quasi-static and dynamic loading conditions. *Journal of Materials and Manufacturing, SAE Transactions* 116: 285-91.

Tran, X., S. T. Hong, J. Pan, T. Tyan, and P. Prasad. 2006. Crush behaviors of aluminum honeycombs of different cell geometries under compression dominant combined loads. *Journal of Materials and Manufacturing, SAE Transactions:* 163-70.

Full Name: TRỊNH Nguyên Hoàng (Hoang Nguyen TRINH)
Cohort Year: 2004
Graduation Year: 2010
Degree: PhD
Subject: Computer Science
University: Toyota Technological Institute at Chicago
Current Job: Academic Training: Research Post-Doc, IBM Research, Exploratory Computer Vision, IBM T J Watson Center, Hawthorne, NY (June 21, 2010 to June 22, 2011)
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PUBLICATIONS

Conference Papers

Trinh, H., and D. McAllester. 2010. Structure and motion from road-driving stereo sequences. In *IEEE Workshop on 3D Information Extraction for Video Analysis and Mining–Computer Vision and Pattern Recognition 2010.* CVPR 2010: IEEE.

Trinh, H., and D. McAllester. 2009. Unsupervised learning of stereo vision with monocular cues. In *British Machine Vision Conference* 2009, 8.

Trinh, H., and D. McAllester. 2008. Particle-based belief propagation for structure from motion and dense stereo vision with unknown camera constraints. In *Robot Vision: Second International Workshop,* 10, Lecture Notes in Computer Science 4931: Springer.

Trinh, H. 2008. Efficient stereo algorithm using multiscale belief propagation on segmented images. In *British Machine Vision Conference* 2008, 8.

Thesis/Dissertation

Trinh, H. 2010. A machine learning approach to recovery of scene geometry from images. PhD diss., Toyota Technological Institute at Chicago, University of Chicago.

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PUBLICATIONS

Journal Articles

Trinh, T., A. Steckler, A. D. Ngo, and A. E. Ratliff. 2009. Parent communication about sexual issues with adolescents in Vietnam: Content, contexts, and barriers. *Sex Education* 9, 4: 371-80.

Books

Trinh, T. 2010. *Truyện dài Dấu ấn đồng quê* (Countryside impression)

(http://www.vannghesongcuulong.org/vietnamese/vanhoc_tacpham.asp?tpid=11857&loaiid=23&loairef=1&tgid=2092): Văn Chương Việt (Viet Literature).

Trinh, T., collected and ed. 2009. *Văn Hóa-Tri thức bản địa (huyện Thông Nông, Cao Bằng) (Native Culture-Knowledge (Thong Nong District, Cao Bang).* Hanoi: ActionAid Vietnam.

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Trinh, T. 2008. T*ập thơ Những ngón tay chiêm bao (Poems: Dreaming fingers)*. Hanoi: Nhà xuất bản Hội nhà văn (Writer Association Publisher).

Trinh, T. 2006. *Tiểu thuyết Lạc Đường (Novel: Lost)*. Hanoi: Nhà Xuất Bản Quân Đội (Military Publisher).

Trinh, T. 2005. *Tiểu thuyết Rái cá đồng và cô bé hàng xóm (Novel: Field otter and the girl next door)*. Hanoi: Nhà xuất bản Văn Hóa Dân Tộc. (National Culture Publisher).

Trinh, T. 2004. *Giao tiếp giữa bố mẹ và vị thành niên về tình dục (Communication between parents and teenager about sex)*. Hanoi: Nhà xuất bản Y Học (Medical Publisher).

Full Name: TRƯƠNG Thanh Tú (Tu Thanh TRUONG)
Cohort Year: 2004
Graduation Year: 2010
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PUBLICATIONS

Journal Articles

Sun, Yugang, Yang Ren, Dean R. Haeffner, Jonathan D. Almer, Lin Wang, Wenge Yang and T. Truong. 2010. Nanophase Evolution at Semiconductor/ Electrolyte Interface in Situ Probed by Time-Resolved High-Energy Synchrotron X-ray Diffraction. *Nano Letters* 10: 3747-53.

Campos, Luis M., T. Truong, Dong Eun Shim, Michael D. Dimitriou, Daniel Shir, Ines Meinel, Jeffrey A. Gerbec, H. Thomas Hahn, John A. Rogers, and Craig J. Hawker. 2009. Applications of photocurable PMMS thiol-ene stamps in soft lithography. *Chemistry of Materials* 21: 5319-26.

Truong, T., Joana Maria, Jimin Yao, Matthew E. Stewart, Tae-Woo Lee, Stephen K. Gray, Ralph G. Nuzzo, and John A. Rogers. 2009. Nanopost plasmonic crystals. *Nanotechnology* 20: 434011.

Baca, Alfred J., T. Truong, Lee R. Cambrea, Jason M. Montgomery, Stephen K. Gray, Daner Abdula, Tony R. Banks, Jimin Yao, Ralph G. Nuzzo, and John A. Rogers. 2009. Molded plasmonic crystals for detecting and spatially imaging surface bound species by surface-enhanced raman scattering. *Applied Physics Letters* 94, 24: 243109.

Maria, Joana, T. Truong, Jimin Yao, Tae-Woo Lee, Ralph G. Nuzzo, Sven Leyffer, Stephen K. Gray, and John A. Rogers. 2009. Optimization of 3D plasmonic crystal structures for refractive index sensing. *Journal of Physical Chemistry* C 113, 24: 10493-99.

Truong, T., Rongsheng Lin, Seokwoo Jeon, Hee Hyun Lee, Joana Maria, Anshu Gaur, Feng Hua, Ines Meinel, and John A. Rogers. 2007. Soft lithography using acryloxy perfluoropolyether composite stamps. *Langmuir* 23, 5: 2898-2905.

Thesis/Dissertation

Truong, T. 2010. Soft lithography- aterials and applications to plasmonic sensing and surface-enhanced raman scattering. PhD diss., the University of Illinois at Urbana-Champaign.

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PUBLICATIONS

Journal Articles

Van, A., D. C. Karampinos, J. G. Georgiadis, and B. P. Sutton. 2009. K-space and image-space combination for motion-induced phase-error correction in self-navigated multi-coil multi-shot DWI. *IEEE Transactions on Medical Imaging* 28: 1770-80.

Karampinos, D. C., A. Van, W. C. Olivero, J. G. Georgiadis, and B. P. Sutton. 2009. High resolution diffusion tensor imaging of the human pons with a reduced-FOV multi-shot variable density spiral acquisition at 3 T. *Magnetic Resonance in Medicine* 62: 1007-16.

Conference Papers

Van, A., D. C. Karampinos, J. G. Georgiadis, and B. P. Sutton. 2008. K-space and image space combination for motion artifact correction in multi-coil, multi-shot diffusion weighted MRI. In *IEEE Proceedings 2008 Engineering Medical Biology*.,1675-78. Vancouver, Canada: IEEE.

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Sutton, B. P., and A. Van. 2010. Multi-contrast 3D structural imaging to improve automatic brain extraction and segmentation. Presentation at International Society for Magnetic Resonance in Medicine 19th Scientific Meeting and Exhibition, Stockholm, Sweden.

Van, A., D. C. Karampinos, and B. P. Sutton. 2009. K-space and image space combination for motion-induced phase error correction in 3D diffusion-weighted imaging. Presentation at International Society for Magnetic Resonance in Medicine 18th Scientific Meeting and Exhibition, Hawaii, United States.

Karampinos, D. C., A. Van, B. D. Gonsalves, J. G. Georgiadis, and B. P. Sutton. 2009. Resolving white matter structures of human hippocampus in vivo with high resolution DTI at 3 T. Presentation at International Society for Magnetic Resonance in Medicine 18th Scientific Meeting and Exhibition, Hawaii, United States.

Sutton, B. P., and A. Van. 2009. SENSE reconstruction with field map acquisition and correction for multi-parametric 3D structural imaging. Presentation at ISMRM Workshop on Data Sampling and Image Reconstruction, Arizona, United States.

Thesis/Dissertation

Van, A. 2010. High resolution 3D diffusion tensor imaging for delineating neuronal architectures. PhD diss., University of Illinois at Urbana-Champaign

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PUBLICATIONS

Thesis/Dissertation

Vo, V. 2010. Development of the synthesis of dialkyl ethers from organotrifluoroborates and acetals. Master's thesis, University of Pennsylvania.

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Cohort Year: 2005
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PUBLICATIONS

Journal Articles

Vo, D., Joel Sole, Peng Yin, Cristina Gomila, and Truong Q. Nguyen. 2010. Selective data pruning-based compression using high order edge-directed interpolation. *IEEE Transactions on Image Processing* 19, 2: 399-409.

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Vo, D., and Truong Nguyen. 2008. Quality enhancement for motion JPEG using temporal redundacies. *IEEE Transactions on Circuits and Systems for Video Technology* 18, 5: 609-19.

Conference Papers

Gibson, Kristofor, D. Vo, and Truong Nguyen. 2010. An Investigation in Dehazing Compressed Images and Video. In *MTS/IEEE, OCEANS 2010.* Seattle, WA, United States: IEEE.

Vo, D., Chan-Won Seo, Daqian Jin, Jong-Ki Han and Truong Q. Nguyen. 2010. Optimal Spatial-temporal Weight Prediction for Inter-Frame Coding of H.264/AVC Video Sequences. In *2010 REV/IEEE Comsoc International Conferences on Advanced Technologies for Communications,* . HCM City, Vietnam: IEEE.

Chan, Stanley H., D. Vo, and Truong Nguyen. 2010. Subpixel motion estimation without interpolation. In *IEEE International Conference on Acoustics, Speech and Signal Processing,* 722-25. Dallas, TX, United States: IEEE.

Vo, D., and Truong Nguyen. 2009. Optimal spatio-temporal motion compensated filters for quality enhancement of H.264/AVC compressed sequences. In *IEEE Conference on Image Processing,* 3173-76. Cairo, Egypt: IEEE.

Seo, Chan-Won, Jong-Ki Han, D. Vo, and Truong Q. Nguyen. 2009. Adaptive weighted prediction for ME/MC in H.264/AVC codec. In *International Technical Conference on Circuits/Systems, Computers and Communications. Korea*: IEICE.

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Vo, D., and Truong Nguyen. 2008. Directional motion-compensated spatio-temporal fuzzy filtering for quality enhancement of compressed video sequences. In *IEEE International Conference on Image Processing,* 3156-59. San Diego, CA, United States: IEEE.

Vo, D., Truong Nguyen, Sehoon Yea, and Anthony Vetro. 2008. Edge-based directional fuzzy filter for artifact reduction in JPEG images. In *International Conference on Image Processing,* 797-800. San Diego, CA, United States: IEEE.

Vo, D., Sehoon Yea, and Anthony Vetro. 2008. Spatio-temporal fuzzy filtering for coding artifacts reduction. In *SPIE Visual Communications and Image Processing Conference,* 68220Z-68220Z-9. San Jose, CA, United States: IEEE.

Ryan Prendergast, D. Vo, Sunhyoung Han, Nuno Vasconcelos, and Truong Nguyen. 2008. Sonar Image Enhancement and Classification. In *SIAM Conference on Imaging Science.* San Diego, CA, United States: SIAM

Vo, D., and Truong Q. Nguyen. 2007. Quality enhancement for motion JPEG using temporal redundancies. In *IEEE International Conference on Image Processing,* IV-389-IV-392. San Antonio, TX, United States: IEEE.

Vo, Dung T., Ryan S. Prendergast, and Truong Q. Nguyen. 2006. Filter-banks based super-resolution for rotated and blurry under-sampled images. In *Asilomar Conference on Signals, Systems and Computers,* 1919-23. Monterey Bay, CA, United States: IEEE.

Book Chapters

Vo, D., and Truong Quang Nguyen. 2010. Quality Enhancement. In *Video Processing.* videoprocessing.ucsd.edu.

Thesis/Dissertation

Vo, D. 2009. Spatio-temporal filtering for image and video processing: applications on quality enhancement, coding and data pruning. PhD diss., University of California, San Diego.

INTELLECTUAL PROPERTY PATENTS

Vo, D., Joel Sole, and Peng Yin. 2010. Methods and Apparatus for Video Image Data Pruning. WO/2010/033151, filed September 01, 2008, and issued March 1, 2010.

Yea, Sehoon, Vo, D., and Anthony Vetro. 2009. Systems and methods for classifying and filtering pixels. Patent US 2008/0019605 A1, filed September 10, 2008, and issued January 10, 2009.

AWARDS

VEF Fellow Association Science Award, awarded by VEFFA, January 4, 2009.

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PUBLICATIONS

Conference Presentations

Vu, H., and Stephen J. Klaine. 2008. Testing the individual effective dose hypothesis. Presentation at SETAC North America 29th Annual Meeting, Tampa, FL, United States.

Thesis/Dissertation

Vu, H. 2009. Testing the individual effective dose hypothesis. Master's thesis, Clemson University.

Full Name: VŨ Toàn Thắng (Thang Toan VU)
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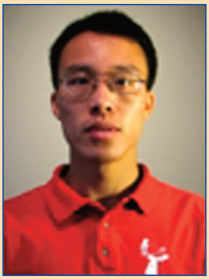

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PUBLICATIONS

Journal Articles

Vuong, T., and David B. Wilson. 2010. Glycoside hydrolases: Catalytic base/nucleophile diversity. *Biotechnology and Bioengineering*, in press.

Vuong, T., and David B. Wilson. 2009. Processivity, synergism and substrate specificity of Thermobifida fusca Cel6B. *Applied and Environmental Microbiology:* 6655-61.

Vuong, T., and David B. Wilson. 2009. The absence of an identifiable single catalytic base residue in Thermobifidafusca exocellulase Cel6B. *FEBS Journal:* 3837-45.

McGrath, Colleen E., T. Vuong, and David B. Wilson. 2009. Site-directed mutagenesis to probe catalysis by a Thermobifida fusca beta-1, 3-glucanase (Lam81A). *Protein Engineering, Design & Selection:* 375–382.

Conference Papers

Vuong, T., and David B. Wilson. 2007. Engineering an exocellulase from the bacterium Thermobifida fusca. In *Proceedings of the 2nd International Conference on Biomedical Engineering,* 251-57. Hanoi, Vietnam: Hanoi University of Technology.

Thesis/Dissertation

Vuong, T. 2010. Mechanistic studies of thermobifida fusca exocellulase Cel6B. PhD diss., Cornell University

Book Chapters

Vuong, T., and David B. Wilson. 2010. Engineering thermobifida fusca cellulases: Catalytic mechanisms and improved activity. In *Protein Engineering: Design, Selection And Applications.* New York, NY, United States: Nova Science Publishers.

OTHER RECOGNITION

Cornell University Graduate Student Conference Grant. 2009.

Virginia Tech Fellowship for the PAMGO Training Workshop. 2008.

The Graduate Student Delegate of Cornell University at the National Agricultural Biotechnology Council Meeting. 2008.

Cornell University Graduate Student Conference Grant. 2007.

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PUBLICATIONS

Conference Papers

Pham, T., N. Pham, and T. Tran. 2010. EMTP simulation of induced overvoltage in low voltage system. *The International Symposium on Electrical Insulation,* ed. Institute of Electrical and Electronics Engineers Dielectric and Electrical Insulation Society, 29. San Diego, CA, United States: Institute of Electrical and Electronics Engineers Dielectric and Electrical Insulation Society.

Pham, T., and S. Boggs. 2010. Flashover model of arcing horn in transient simulation. The *International Symposium on Electrical Insulation (ISEI);* ed. Institute of Electrical and Electronics Engineers Dielectric and Electrical Insulation Society. O14-4. San Diego, CA, United States: Institute of Electrical and Electronics Engineers Dielectric and Electrical Insulation Society.

Pham, T., Q. Do, and T. Vo. 2009. Grounding resistance calculation using finite element method (FEM) and reduced scale model. *Annual Report of Conference on Electrical Insulation and Dielectric Phenomena,* ed. Institute of Electrical and Electronics Engineers Dielectric and Electrical Insulation Society, 3B-14. Virginia Beach, VA, United States: Institute of Electrical and Electronics Engineers Dielectric and Electrical Insulation Society.

Pham, T., Doan Ngo, and Dao Vu. 2009. Leakage current analysis for predicting flashover in distribution network. *Annual Report of Conference on Electrical Insulation and Dielectric Phenomena,* ed. Institute of Electrical and Electronics Engineers Dielectric and Electrical Insulation Society, 5B-10. Virginia Beach, VA, United States: Institute of Electrical and Electronics Engineers Dielectric and Electrical Insulation Society.

Full Name: PHẠM The Hai (Hai The PHAM)
Cohort Year: 2009
Subject: Bacterial Signaling and Chemotaxis for Detecting and Bioremediating Chlorinated Aromatic Compounds
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Subject: Soil Biology and Soil Fertility
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PUBLICATIONS

Conference Presentations

Chau, K., Asmeret Asefaw Berhe, Hella Van Asperen, Jeroen Gillabel, and Johan Six. 2009. Control of vertical soil temperature and moisture on temporal variation of soil carbon dioxide production and emission. Presentation at International Symposium on Soil Organic Matter Dynamics: Land Use, Management and Global Change, Colorado Springs, CO, United States.

Full Name: ĐINH Thành Việt (Viet Thanh DINH)
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Subject: Electric Power Engineering
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PUBLICATIONS

Journal Articles

Le, Hung Huu, V. Dinh, Duong Van Ngo, and Quan Hong Tran. 2010. Relationship between voltage and reactive power at the load bus and voltage stability analysis of Vietnamese 500kV power system. *Journal of Science and Technology,* Hanoi 75: 81-86.

Dinh, V., Doung Van Ngo, Hung Huu Le, and Khoa Minh Ngo. 2009. Developing a program to draw a P-V curve and identifying point of voltage collapse in power system. *Journal of Science and Technology,* University of Danang 35: 30-38.

Dinh, V., Duong Van Ngo, and Hung Huu Le. 2007. An investigation of voltage and active power relation at the load bus to estimate voltage stability limit. *Journal of Science and Technology,* University of Danang 23: 73-77.

Conference Papers

Dinh, V., and Hung Huu Le. 2008. Vietnamese 500kV power system and recent blackouts. In *2008 IEEE Power Engineering Society General Meeting*, ed. M. M. Adibi, CD file, July 20-24. Pittsburgh, PA, United States: IEEE.

Full Name: DƯƠNG Minh Viễn (Vien Minh DUONG)

Cohort Year: 2008

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PUBLICATIONS

Conference Presentations

Duong, V., V. D. Tran, K. N. Nguyen, M. M. Haggblom, and D. Springael. 2009. Diversity of dibenzofuran-degrading bacteria isolated from dioxin-polluted areas in Vietnam. Presentation at 109th General Meeting of American Society for Microbiology, Philadelphia, PA, United States.

Duong, V., J.-W. Park, Y.-B. Ahn, and M. M. Haggblom. 2009. Dechlorination of polychlorinated dibenzo-p-dioxin in soils and sediments from areas sprayed with agent orange. Presentation at Gorden Research Conferences: Applied and Environmental Microbiology, Mount Holyoke, MA, United States.

Full Name: HỒ Trung Dũng (Trung Dung HO)

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PUBLICATIONS

Journal Articles

Zheng, Hongjun, D. Ho, and Mark Hillery. 2010. Application of entanglement conditions to spin systems. *Physical Review Letters A*,81: 062311.

Hillery, Mark, D. Ho, and Hongjun Zheng. 2010. Conditions for entanglement in multipartite systems. *Physical Review Letters A,* 81: 062322.

Sambale, A., D. G. Welsch, S. Y., Buhmann, and D. Ho. 2010. Casimir force on amplifying bodies. *Optics and Spectroscopy:* 391-99.

Sambale, A., S. Y. Buhmann, D. Ho, and D. G. Welsch. 2009. Resonant casimir-polder forces in planar meta-materials. *Physica Scripta* T135: 014019.

Sambale, A., D. G. Welsch, , and S. Y. Buhmann. 2009. Local-field corrected van der Waals potentials in magnetodielectric multilayer systems. *Physical Review Letters A*, 79: 022903.

Sambale, A., S. Y. Buhmann, D. Ho, and D. G. Welsch. 2009. Impact of amplifying media on the casimir force. *Physical Review Letters A,* 80: 051801(R).

Hillery, Mark, D. Ho, and J. Niset. 2009. Detecting entanglement with non-hermitian operators. *Physical Review Letters A,* 80: 052335.

Full Name: LÊ Thị Thu Hiền (Hien Thi Thu LE)
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PUBLICATIONS

Journal Articles

Nguyen, Ha Hai, Hien Le, and Hai Van Nong. 2009. Expression of the green fluorescent protein (GFP) in the cultured mammalian cells. *Journal of Biotechnology* 7, 3: 313-318.

Conference Papers

Bui, Tuyet, Hue Thi Thu Huynh, Hien Le, Hai Van Nong. 2009. Isolation and sequencing the specific expression control element E4 promoter and ACC oxidase 1 gene in Lycopersicon esculentum L. *In Proceedings of the National Conference on Biotechnology 2009,* 460-64. Thai Nguyen: TNU Publisher House.

Nguyen, Ha Hai, Diep Thi Ngoc Tran, Hiep Phu Hoang, Hien Le, and Hai Van Nong. 2009. Study the expression of a gene encoding human tissue plasminogen activator (h-tPA) in Escherichia coli. In *Procedings of the National Conference on Biotechnology 2009,* 777-80. Thai Nguyen: TNU Publisher House.

Le, Hien. 2009. Distribution of revenue derived from commercialization of university intellectual property: Experiences from USA and Canada. In *Intellectual property management at the universities,* 133-46. Hanoi, Vietnam: Ministry of Education and Training.

Conference Presentations

Le, H., R. E. Figueroa-Balderas, S. W. Bird, C. L. Chi-Ham, and A. B. Bennett. 2009. Marker-free transformation systems with intellectual property freedom-to-operate (FTO) for the development of genetically enhanced plants. Presentation at 2009 In Vitro Biology Meeting, Charleston, SC, United States.

Le, H. 2010. Biosafety of genetically modified organisms. Presentation at Training Course on Biodiversity and Biosafety, Ha Tinh, Vietnam.

Le, H. 2010. Intellectual property protection: Important aspects need to be considered. Presentation at Intellectual Property Rights and the Deepening Integration of Vietnam into Global Economy, Hanoi, Vietnam.

Le, H. 2010. Recombinant DNA technology and genetically modified organisms. Presentation at Training Course on Biodiversity and Biosafety, Nghe An, Vietnam.

Le, H. 2009. The Institute of Biotechnology and its intellectual property management. Presentation at Intellectual Property and Biotechnology in Agriculture, Hanoi, Vietnam.

Le, H. 2008. How to write an institutional intellectual property policy. Presentation at Intellectual Property Rights and Commercialization of Research Results in the Fields of Agriculture and Biotechnology, Hanoi and Cantho, Vietnam.

Le, H. 2008. Technology transfer in Vietnam. Presentation at Intellectual Property Rights and Commercialization of Research Results in the Fields of Agriculture and Biotechnology, Hanoi and Cantho, Vietnam.

Books

Hoang, Nhan Thi Thanh, Dung Xuan Nguyen, Hien Le, Cuc Dang Thu Nguyen, Quy Xuan Ngo, Anh Thi Kieu Ta, and Minh Binh Phan. 2009. *Genetically modified organisms and biosafety.* Hanoi, Vietnam: Vietnam Environment Administration, Ministry of Natural Resources and Environment.

Hoang, Nhan Thi Thanh, Dung Xuan Nguyen, H. Le, Cuc Dang Thu Nguyen, Quy Xuan Ngo, Anh Thi Kieu Ta, and Minh Binh Phan. 2009. *Biosafety management of genetically modified organisms and their products.* Hanoi, Vietnam: Vietnam Environment Administration, Ministry of Natural Resources and Environment.

Hoang, Nhan Thi Thanh, Dung Xuan Nguyen, H. Le, Cuc Dang Thu Nguyen, Quy Xuan Ngo, Any Thi Kieu Ta, and Minh Binh Phan. 2009. *Risk analysis of genetically modified organisms.* Hanoi, Vietnam: Vietnam Environment Administration, Ministry of Natural Resources and Environment.

OTHER RECOGNITION

Project: Molecular identification to monitor trade and commercialization of non timber forest products in Cambodia, Laos and Vietnam. Co-PIs: Lars Bjorck and Le, H. 2010. This project funded by Swedish Research Council aims to develop methods to make it possible to identify non timber forest products (NTFPs) traded in South-East Asia using molecular barcoding, by combining the competence in plant taxonomy, NTFPs and molecular systematics of three international partner institutions.

Project: In vitro tissue culture and genetic transformation of Theobroma cacao L. PI: Le, H. 2010. This project funded mostly by Ministry of Agriculture and Rural Development (Vietnam) and partly by the Public Intellectual Property Resources for Agriculture (United States) aims to develop systems for in vitro tissue culture and genetic transformation of *Theobroma cacao L.* in Vietnam..

Full Name: LÊ Văn Hảo (Hao Van LE)

Cohort Year: 2008

Subject: Science Education and Curriculum Development

U.S. Host University: Washington State University

Position/Affiliation in VN: Department Director, Nha Trang University

Email: haolevan@yahoo.com

PUBLICATIONS

Journal Articles

Le, H. 2010. A reason for hardening the teaching innovation in Vietnam. *Reviews of Educational Research (In Vietnam)* 230: 23-24.

Le, H. 2009. Activities of teaching and assessment innovation at Nha Trang University during 2007-2009. *Science & Technology (Nha Trang University)* 10: 269-73.

Le, H. 2009. Revising the regulation No. 43 on applying credit system. *Tia Sang* 10: 37-40.

Conference Papers

Le, H. 2009. Value-creation cycle: An instrument for improving university internal quality assurance. In *Branding in Higher Education: Practices and lessons learned from global perspectives,* 37. Vietnam: SEAMEO.

Le, H. 2009. GATS and higher education in Vietnam: Issues and solutions. In *International cooperation in higher education in Vietnam: Opportunities and challenges,* 27-30. Vietnam: HCMC University of Pedagogy.

Book Chapters

Le, H., and Kim D. Nguyen. 2009. Quality Assurance in Vietnam Engineering Education. In *Engineering Education Quality Assurance: A Global Perspective,* ed. A. Patil and P. Gray. United States: Springer.

Full Name: NGÔ Quang Vinh (Vinh Quang NGO)
Cohort Year: 2008
Subject: Agricultural Science
U.S. Host University: University of Florida
Position/Affiliation in VN: Head of Vegetable Research Department, Institute Of Agricultural Science For Southern Vietnam
Email: vinh.home@yahoo.com

Full Name: NGÔ Thị Xuyên (Xuyen Thi NGO)
Cohort Year: 2007
Subject: Training and Research
U.S. Host University: University of California, Riverside
Position/Affiliation in VN: University Instructor, Hanoi University of Agricultural
Email: ntxuyen20042000@yahoo.com

PUBLICATIONS

Journal Articles

Ngo, X., and Martha L. Orozco-Cardenas. 2009. Tissue-specific and developmental regulation of a citrus sinensis terminal flower promoter-gus gene fusion in tomato. *Institute of Vietnam Biotechnology, Ministry of Natural Resources and Environmental* 139: 177-81.

Le, Vinh Hong, X. Ngo, M. B. Brurberg, and Anne Hermannsen. 2008. Characterisation of *phytophthora infestans* populations from Vietnam. *Australasian Plant Pathology* 37 (6). 592-99.

Ngo, X. 2010. Nghien cuu kha nang nhiem benh hon hop TTNS Meloidogyne incognita Kofoid & White, 1919/Chitwood, 1949 va nam Rhizoctonia solani Kuhn gay benh lo co re tren mot so giong ca chua (Studies on the contract a disease complex of root-knot nematode, Meloidogyne incognita Kofoid & White, 1919/Chitwood, 1949 and damping off fungus, Rhizoctonia solani Kuhn on tomato varieties). *The 3rd National Workshop of Plant Protection Association in HCM City 16-17 August, 2010. Assoc. of Plant Protection Science and Technology. On the Occasion of 1000 Thang Long Hà Nội Celebration, 10 October: 334-42.*

Conference Papers

Ngo, X. 2009. Selective medium for reproduction of callus and analysis of transgenic tomato and tobacco plants. In *Proceedings of International Workshop on Biotechnology in Agriculture,* ed. Xuyen Thi Ngo, 65-74. Hanoi: Hanoi University of Agriculture.

Ngo, X. 2009. The importance of tropical root-knot nematodes (Meloidogyne incognita) and stem-rot disease (Sclerotium rolfsii) on tomato cultivars: The influence of inoculums density, nematode populations, resistant cultivars and biocontrol. In *International symposium nematodes in tropical ecosystems,* ed. Xuyen Thi Ngo, 17. Hanoi: Institute of Ecology and Biological Resources.

Conference Presentations

Ngo, X., Javier N., Lynn J. P., Janet G., Carol L., and Martha L. Orozco-Cardenas. 2008. Tissue specific and developmental regulation of floral genes from citrus. Presentation at 2008 World Congress on In-Vitro Biology, Tucson, AZ, United States.

AWARDS

Sciences Activity, awarded by Hanoi University of Agriculture, November 18, 2008.

Full Name: NGÔ Thị Phương Dung (Dung Thi Phuong NGO)
Cohort Year: 2007
Subject: Food Biotechnology
U.S. Host University: University of California, Davis
Position/Affiliation in VN: Deputy Director of Biotechnology Research and Development Institute, Can Tho University
Email: ntpdung@ctu.edu.vn

PUBLICATIONS

Journal Articles

Ngo, D. 2009. Study of fermentative capacity and ethanol tolerance of yeasts. *Journal of Science Can Tho University ISSN: 1859-2333* 11 (11): 374-82.

Ngo, D. 2009. Production of Huyet Rong wine using defined mould and yeast starters. *Journal of Science Can Tho University ISSN: 1859-2333* 11 (11): 383-91.

Ngo, D., and Huynh Xuan Phong. 2009. Starter production of mycelial fungi from amylomyces rouxii. *Journal of Science Can Tho University ISSN: 1859-2333* 11 (11): 179-85.

Ngo, D. 2009. Production and application of defined starter for purple glutinous rice wine processing. *Journal of Science Can Tho University ISSN: 1859-2333* 11 (11): 392-403.

Ngo, D. 2009. Study of improved distilling method for production of rice alcohol. 11 (11): 365-73.

Conference Papers

Ngo, D. 2010. Recent achievements and development prospect in biotechnology related majors in BiRDI. In *Joint Symposium on Bionanotechnology 2010,* 18-19. Korea: Kyungwon University.

Ngo, D. 2009. Study of isolated fungal microorganisms for rice wine fermentation. In *the 1st joint seminar of Asian core program,* 74. Khon Kaen, Thailand: Khon Kaen University.

Ngo, Dung Thi Phuong, and Huynh Xuan Phong. 2009. Production of fermented tomato juice by lactic acid bacteria. In *the 2nd satellite seminar of Asian core program,* 17. Vientiane, Laos: National University of Laos.

Ngo, D. 2009. The feasible application of innovation of defined starter manufacture for rice wine production. In *the 3rd International Conference on Fermentation Technology for Value Added Agricultural Products,* 57. Khon Kaen, Thailand: Khon Kaen University.

Ngo, D. 2009. Application of defined fungal starter for controlled rice wine production. In I*nternational Congress of Malaysian Society for Microbiology,* 44. Kuala Lumpur, Malaysia: University of Malaysia.

Ngo, D. 2008. Defined fungal starter granules for controlled purple glutinous rice wine. In *the 1st young scientist seminar of Asian core program,* 11. Yamaguchi, Japan: Yamaguchi University.

OTHER RECOGNITION

The ASM (American Society for Microbiology) Country Liaison Position to Vietnam. 2010.

The ACP (Asian Core Program) Committee Member and Vice-Coordinator. 2009.

Deputy Director of Biotechnology Research and Development Institute. 2008.

Full Name: NGUYỄN Linh Trung (Trung Linh NGUYEN)
Cohort Year: 2007
Subject: Biomedical Engineering
U.S. Host University: Vanderbilt University
Position/Affiliation in VN: Vice Dean of Department, College of Technology, VNU Hanoi
Email: nltrung@vnu.edu.vn

Full Name: NGUYỄN Minh Chơn (Chon Minh NGUYEN)
Cohort Year: 2009
Subject: The Biochemistry and Microbiology of Biofuel and Oil Production from Lignocellulosic Biomass
U.S. Host University: Clemson University and Eastern Regional Research Center, USDA
Position/Affiliation in VN: Senior Lecturer, Vice head Department of Biochemistry and Plant Physiology, Can Tho University
Email: nmchon@ctu.edu.vn

PUBLICATIONS

Journal Articles

Nguyen, C., Naoko Nishikawa-Koseki, Yasutomo Takeuchi, and Hiroshi Abe. 2008. Role of ethylene in abnormal shoot growth induced by high concentration of brassinolide in rice seedlings. *Journal of Pesticide Science 33,* 1: 67-72.

Full Name: NGUYỄN Ngọc Giao (Giao Ngoc NGUYEN)
Cohort Year: 2009
Subject: Training in Plant Developmental Biology and Signaling
U.S. Host University: Cold Spring Harbor Laboratory
Position/Affiliation in VN: Researcher, Agricultural Science Institute of Northern Central Vietnam
Email: gnnguyen@gmail.com

AWARDS

Grant for Basic Research, awarded by National Foundation for Science and Technology Development, Vietnam, November 19, 2009.

Full Name: NGUYỄN Thị Hiền Lương (Luong Thi Hien NGUYEN)
Cohort Year: 2007
Subject: Structural Stability and Technical Diagnosis
U.S. Host University: Florida Atlantic University
Position/Affiliation in VN: Senior Lecturer/Associate Professor, Hochiminh City University of Technology
Email: nguyen_hienluong2005@yahoo.com

PUBLICATIONS

Journal Articles

Nguyen, L., I. E. Elishakoff, and Vinh T. Nguyen. 2009. Buckling of cylindrical shell under external pressure with thickness variation. *International Journal of Solids and Structures, Elsevier, 46: 4163-68.*

Le, Hang Xuan, and Nguyen, L. 2009. Analysis and prediction of multiple-cracked elastic beam. *Journal of Science and Technology Development, Vietnam National University-HCMC* 12, 18: 37-45.

Conference Papers

Nguyen, L., and Ly Vinh Phan. 2009. Sensitivity analysis of cracked beam by Wavelet transformation techniques. In *Proceeding of national conference of mechanics, in commemoration of 30th anniversary of Vietnam Institute of Mechanics and Journal of Mechanics*, ed. Duong Ngoc Hai and Do Sanh: 115-22. Hanoi: Publisher of Natural Sciences and Technology.

Nguyen, L., and Khai N. Nguyen. 2008. General stability analysis of elastic-plastic plates under proportional biaxial compression. In *Proceeding of international conference on engineering mechanics today - (EMT2008), HCMC,* 12/2008, ed. Dao Huy Bich, Nguyen Quoc Son and Thai Ba Can: 115-22. Hanoi: Publisher of Natural Sciences and Technology.

OTHER RECOGNITION

Director of Dianotech -Viegrid Project. 2010.

Head of Research Project. 2009-2011. Basic research project sponsored by NAFOSTED: Identification, simulation and analysis of mechanical systems with damages or imperfections.

Full Name: NGUYỄN Thị Hồng Linh (Linh Thi Hong NGUYEN)
Cohort Year: 2007
Subject: Applied Mathematics
U.S. Host University: Princeton University
Position/Affiliation in VN: University Instructor, University of Natural Sciences, VNU Hochiminh City
Email: honglinh98t1@yahoo.com

PUBLICATIONS

Journal Articles

Nguyen, H., and Jean-Paul Penot. 2008. Generalized affine maps and generalized convex functions. *Pacific Journal of Optimization:* 353-80.

Full Name: NGUYỄN Thị Phương Thảo (Thao Thi Phuong NGUYEN)
Cohort Year: 2008
Subject: Potato Biotechnology
U.S. Host University: Cornell University
Position/Affiliation in VN: University Lecturer and Researcher, Hanoi University of Agriculture
Email: thaohau@yahoo.com

PUBLICATIONS

Journal Articles

Nong, Hue Thi, and T. Nguyen. 2010. In vitro corm production of gladiolus *Cartago*. *Journal of Science and Development* 8, 2 (1859-0004): 209-16.

Nguyen, T, Thao Thi Ninh, and Ha Thi Vu. 2010. Study on micropropagation of citrullus lanatus. *Journal of Science and Development* 8, 3 (1859-0004): 418-25.

Ninh, Thao Thi, T. Nguyen, and Hoa Hanh Nguyen. 2010. Study on micropropagation of *hippeastrum*

reticulatum Herb.var. striatifolium herb. Journal of Science and Development 8, 3 (1859-0004): 426-32.

Nguyen, T., Thao Thi Ninh, Khanh Quang Vu, and Thach Quang Nguyen. 2009. Assessment of genetic variation in local and exotic Lilium spp. Germplasm using RAPD markers. *Journal of Science and Development* 7, 1 (1859-0004): 30-35.

Hoang, Nga Thi, T. Nguyen, Phong Tuan Nguyen, Mienj Cam Phi, Lanh Thi Truong, and Thach Quang Nguyen. 2009. Preliminary results of gerbera breeding via in-vitro mutation using gamma ray (60Co). Journal of Science and Development 7, 4 (1859-0004): 401-07.

OTHER RECOGNITION

Promotion to Vice Director of Faculty of Biotechnology; Head Department of Plant Biotechnology. 2009.

NAFOSTED Grant for research project. 2009-2011. Use of RNAi technology to improve the resistance to common scab *(Streptomyces scabies)* in potato.

Full Name: NGUYỄN Xuân Hoàng Việt (Viet Xuan Hoang NGUYEN)
Cohort Year: 2007
Subject: Power System Engineering
U.S. Host University: Iowa State University
Position/Affiliation in VN: University Instructor, Hanoi University of Technology
Email: nxhviet@yahoo.com

Full Name: PHẠM Trần Nguyên Nguyên (Nguyen Tran Nguyen PHAM)
Cohort Year: 2007
Subject: Computation Quantum Chemistry
U.S. Host University: University of Utah
Position/Affiliation in VN University Instructor, University of Natural Sciences,VNU Hochiminh City
Email: ptnnguyen@hcmuns.edu.vn

Full Name: PHAN Quốc Khánh (Khanh Quoc PHAN)
Cohort Year: 2009
Subject: Stochastic and Nonsmooth Optimization, Variational Analysis
U.S. Host University: University of California, Davis
Position/Affiliation in VN: Head Department of Mathematics, International University, VNU HCMC
Email: pqkhanh@hcmiu.edu.vn

PUBLICATIONS

Journal Articles

Lam, Anh Quoc and K. Phan. 2010. Continuity of soclution maps to quasiequilibrium problems. *Journal of Global Optimization, SCI Journal* 46: 247-59.

Phan, K., and Quan Hong Nguyen. 2010. Intersection theorems, coincidence theorems and maximal-element theorems in GFC-spaces. *Optimization, SCI-E Journal* 46: 115-24.

Phan, K., and Quan Hong Nguyen. 2010. General existence theorems, alternative theorems and appliations to minimax problems. *Nonlinear Analysis, Theory, Methods, and Applications, SCI Journal* 72: 2706-15.

Phan, K., and Quy Ngoc Dinh. 2010. A generalized distance and Ekeland's variational principle for vector functions. *Nonlinear Analysis, Theory, Methods, and Applications, SCI Journal* 73: 2245-59.

Phan, K., and Quan Hong Nguyen. 2010. The solution existence of general inclusions using generalized KKM theorems with applications to minimax problems. *Journal of Optimization Theory and Applications, SCI Journal* 146: 640-53.

Nguyen, Hai Xuan, K. Phan, and Quan Hong Nguyen. 2009. On the existence of solutions to quasivariational inclusion problems. *Journal of Global Optimization, SCI Journal* 45: 565-81.

Nguyen, Hai Xuan, K. Phan, and Quan Hong Nguyen. 2009. Some existence theorems in nonlinear analysis for mappings on GFC-spaces and applications. *Nonlinear Analysis, Theory, Methods, and Applications, SCI Journal* 71: 6170-81.

Full Name: PHAN Thị Lê Minh (Minh Thi Le PHAN)

Cohort Year: 2007

Subject: Magnetism for Biomedical Application

U.S. Host University: Northeastern University

Position/Affiliation in VN: Lecturer, Hanoi Medical University

Email: minh_phanle@yahoo.com

PUBLICATIONS

Journal Articles

Elmoula, Mohamed Abd, Eugen Panaitescu, M. Phan, David Yin, Christiaan Richter, Laura H. Lewis and Latika Menon. 2009. Controlled attachment of gold nanoparticles on ordered titania nanotube arrays. *Journal of Materials Chemistry* 19: 4483-4487.

Nagesha, Dattatri K., Brian D. Plouffe, M. Phan, Laura H. Lewis, Srinivas Sridhar, and Shashi K. Murthy. 2009. Functionalization-induced improvement in magnetic properties of Fe3O4 nanoparticles for biomedical applications. *Journal of Applied Physics* 105: 07B317 - 07B317-3.

Full Name: TRỊNH Xuân Hoàng (Hoang Xuan TRINH)

Cohort Year: 2007

Subject: Biophysics

U.S. Host University: Pennsylvania State University

Position/Affiliation in VN: Researcher, Institute of Physics, VAST

Email: hoang@iop.vast.ac.vn

PUBLICATIONS

Journal Articles

Banavar, J. R., M. Cieplak, H. Trinh, and A. Maritan. 2009. First-principles design of nanomachines. *Proceedings of the National Academy of Sciences* 106, 17: 6900-03.

Trinh, H., F. Seno, A. Trovato, J. R, Banavar., and A. Maritan. 2008. Inference of the solvation energy parameters of amino acids using maximum entropy approach. *Journal of Chemical Physics* 129: 035102.

Trovato, A., H. Trinh, J. R. Banavar, and A. Maritan. 2007. Symmetry, shape and order. *Proceedings of the N ational Academy of Sciences* 104, 49: 19187-92.

Banavar, J. R., H. Trinh, J. H. Maddocks, A. Maritan, C. Poletto, A. Stasiak, and A. Trovato. 2007. Structural motifs of biomolecules. *Proceedings of the National Academy of Sciences* 104, 44: 17283-86.

Full Name: TRƯƠNG Thị Anh Đào (Dao Thi Anh TRUONG)

Cohort Year: 2007

Subject: Teaching Physical Experiments

U.S. Host University: University of Massachusetts, Boston

Position/Affiliation in VN: Researcher, Institute of Physics, VAST

Email: ttadao@iop.vast.ac.vn

PUBLICATIONS

Journal Articles

Yang, Juhee, Sang-Bum Lee, Songky Moon, Soo-Young Lee, Sang Wook Kim, D. Truong, Jai-Hyung Lee, and Kyungwon An. 2010. Pump-induced dynamical tunneling in a deformed microcavity laser. *Physics Review Letters* vol. 104, 243601 (2010) (Issue 24): 243601-4.

Conference Papers

Truong, D. 2010. Teaching experimental physics in the stage of integration and development. Presentation at *Workshop on Physical Teaching,* 65-68, January 21-22. Hanoi, Vietnam: Vietnam Physical Society, Hanoi National University of Education.

Conference Presentations

Truong, D., and D. Rao. 2008. Teaching experimental physics in the stage of integration and development. Presentation at Workshop on Photonics and Applications, September 10-14, Nha Trang, Vietnam.

Full Name: VŨ Ngọc Tước (Tuoc Ngoc VU)

Cohort Year: 2009

Subject: Visiting Program on Computational Material Science

U.S. Host University: University of Illinois Urbana – Champaign

Position/Affiliation in VN: Assoc. Prof. Dr., Vice-Chairman of Dep. of Theoretical Physics, Hanoi University of Technology

Email: tuocvungoc@mail.hut.edu.vn

PUBLICATIONS

Journal Articles

Vu, T. 2010. First-principle study on wurtzite nanowire. *Computational Materials Science* 49, 4 (Special issue): S161-S169.

Conference Presentations

Vu, T. 2010. First Principle Study on Wurzite Core-shell Nanowires Heterostructures ZnO/ZnS. Presentation at APS March Meeting 2010 Volume 55, Number 2 APS March Meeting 2010, Volume 55, Number 2 , Monday–Friday, March 15–19, 2010; Portland, Oregon.

Thuong, N. T., N. V. Minh, N. N. Tuan and T. Vu. 2010. Density Functional Based Tight Binding Study on Wurzite Core-shell Nanowires Heterostructures ZnO/ZnS. Presentation at The 35th National Conference on Theoretical Physics, Ho Chi Minh City.

Vu, T., and Minh Viet Nguyen. 2010. Density Functional Based Study on Zinc Oxide Nanoparticles. Presentation at The 35th National Conference on Theoretical Physics, Ho Chi Minh City.

Full Name: VŨ Ngọc Út (Ut Ngoc VU)

Cohort Year: 2007

Subject: Biodiversity of Aquatic Organisms

U.S. Host University: Michigan State University

Position/Affiliation in VN: University Instructor, Can Tho University

Email: vnut@ctu.edu.vn

PUBLICATIONS

Journal Articles

Tran, S. N., T. D. Nguyen, T. K. Nguyen, and U. Vu. 2010. Effect of chlorella and yeast on population growth of freshwater rotifer (Brachionus angularis) culture in tanks. *Can Tho University Science Journal:* 66-75.

Tran, S. N., N. H. Le, T. T. N. Nguyen, and U. Vu. 2010. Effect of temperature and pH on reproductive biology of freshwater rotifer (Brachionus angularis). *Can Tho University Science Journal:* 109-16.

Vu, U., T. H. Tran, and R. Hahlwe. 2009. Effects of urine on growth of algae. *Bonner Agrikulturchemische Reihe:* 110-17.

Vu, U., T. H. Tran, T. G. Huynh, and R. Hahlweg. 2009. Use of human urine in fish culture. *Bonner Agrikulturchemische Reihe:* 117-28.

Vu, U., S. N. Tran, and H. V. Le. 2009. The experimental research on using biogas slurry to improve the water quality of culture systems in acid sulfate soil areas in Hau Giang province. *Proceedings of water hyacinth project workshop, Can Tho University Publisher:* 87-96.

Tran, S. N., U. Vu, H. N. Le, and T. T. Tran. 2009. Chlorella production with biogas slurry. *Proceedings of water hyacinth project workshop, Can Tho University Publisher:* 69-76.

Tran, S. N., U. Vu, T. G. Huynh, and T. T. Tran. 2009. Moina production with biogas slurry. *Proceedings of water hyacinth project workshop Can Tho University Publisher:* 77-86.

Le Vay, L., J. H. Lebat, M. Walton, J. Primavera, E. Quinitio, C, Lavilla-Pitog, F. Parado-Estepa, E. Rodriguez, U. Vu, T. N. Truong, P. Sorgeloos, and M. Wille. 2008. Approaches to stock enhancement in mangrove-associated crab fisheries. *Reviews in Fisheries Science* 16, 1-3: 72-80.

Vu, U., and V. P. Ta. 2008. Water quality in Artemia culture area of Vinh Chau District, Soc Trang Province. *Can Tho University Science Journal:* 10-22.

Huynh, T. G., U. Vu, and T. P. Nguyen. 2008. Study on water quality of intensive catfish culture (Pangasianodon hypophthalmus) ponds in An Giang Province. *Can Tho University Science Journal:* 1-9.

AWARDS

Associate Professor, awarded by Minister of Ministry of Education and Training, May 17, 2010.

OTHER RECOGNITION

One month Postdoctoral award in advanced aquaculture at Ghent University. 2009.

Full Name: VŨ Thị Minh Nguyệt (Nguyet VU Thi Minh)

Cohort Year: 2009

Subject: Karst Hydrogeology

U.S. Host University: Hoffman Environmental Research Institute

Position/Affiliation in VN: Researcher, Vietnam Institute of Geosciences and Mineral Resources

Email: nguyet.vu@wku.edu

PUBLICATIONS

Conference Presentations

Vu, N., Chris Groves, and Carl Bolster. 2010. Seasonal Variations in Background Hydrochemistry of Epikarst Waters in Kentucky's Pennyroyal Plateau. Presentation at 2010 National Speleological Society Convention, Essex Junction, VT, United States.

Full Name: Quyen Dinh CHU
Cohort Year: 2009, 2010
Title: Associate Professor of Surgery, Chief Surgical Oncology
Field of Expertise: General Surgery (Medicine) and Surgical Oncology
Affiliation in the U.S.: Louisiana State University Health Sciences Center-Shreveport
VN Host University : Thai Binh Medical University
Course Title 2009: Fundamentals of Clinical Surgery
2010: Multidisciplinary Approach in Managing Breast Cancer
Email: qchu@lsuhsc.edu

PUBLICATIONS

Newspapers

Chu, Q. 2009. Chu named Faculty Scholar to Vietnam. *Feist-Weiller Cancer Center,* July 5.

Chu, Q. 2009. Dr. Chu receives prestigious grant. *On The Inside.* 2009, June 1.

Magazines

Chu, Q. 2010. VEF offers unique educational exchange. *Surgeon's Loop,* June 1.

Chu, Q. 2009. Top doctors & dentists. *Santa Barbara (SB) Magazine: Top Doctors & Dentists,* October 1.

Books

Chu, Q., and H. Ho, H. 2010. Surgical Care at a District Hospital. Translation into Vietnamese. Shreveport: Louisiana State University Health Sciences Center.

OTHER RECOGNITION

Chu, Q. 2010. Certificate of appreciation for dedication, teaching and professional demeanor in assisting the Thai Binh Medical University, Vietnam.

Chu, Q. 2010. Selected Program Director of Oncology Development in Vietnam by the American Society of Clinical Oncology.

Full Name: Timothy J. CRAIG
Cohort Year: 2010
Title: Professor of Medicine and Pediarics
Field of Expertise: Medicine, Allergy, Asthma, Immunology
Affiliation in the U.S.: Penn State University
VN Host University 1: National Lung Hospital, Hanoi
VN Host University 2: ENT Hospital, HCMC and Allergy Center, Hanoi
Course Title : Allergy, Asthma and Immunology Training
Email: tcraig@psu.edu

Full Name: James Farley CREMER
Cohort Year: 2010
Title: Professor
Field of Expertise: Computer Science
Affiliation in the U.S.: The University of Iowa
VN Host University : Hanoi University of Technology
Course Title : Introduction to Programming
Email: cremer@cs.uiowa.edu

Full Name:	Erik V. NORDHEIM
Cohort Year:	2010
Title:	Professor
Field of Expertise:	Applied Statistics
Affiliation in the U.S.:	University of Wisconsin
VN Host University :	University of Science
Course Title :	Introductory Applied Statistics (with emphasis on applications to biology)
Email:	nordheim@stat.wisc.edu

Full Name:	Sally Carol SEIDEL
Cohort Year:	2010
Title:	Professor
Field of Expertise:	Physics
Affiliation in the U.S.:	University of New Mexico
VN Host University :	Institute of Physics, VAST
Course Title 1:	Quantum Mechanics
Course Title 2:	Particle Physics
Email:	seidel@phys.unm.edu

Full Name: Dennis Floyd BERG
Cohort Year: 2008
Title: Professor
Field of Expertise: Research and Statistics
Affiliation in the U.S.: California State University, Fullerton
VN Host University 1: Ho Chi Minh City Open University
VN Host University 2: Hoa Sen University, Ho Chi Minh City
Course Title : Scientific Research Design, Methods and Analysis
Email: dberg@fullerton.edu

Full Name: Findlay Gordon EDWARDS
Cohort Year: 2009
Title: Director Masters of Science in Env. Eng. Program
Field of Expertise: Environmental Engineering
Affiliation in the U.S.: University of Arkansas
VN Host University : Water Resources University
Course Title 1: Basic Hydrology
Course Title 2: Water Resources Planning and Management
Email: fin@uark.edu

PUBLICATIONS

Journal Articles

Egemen, E., F. G. Edwards, and J. Hernandez. 2009. Ozonation in sequencing batch reactors for reduction of waste solids. *Water Environment Research* 81, 5: 506-13.

Conference Papers

Chhibber, A., and F. G. Edwards. 2009. Development of runoff regression equations for Arkansas using L-moments. *Proceedings of the 50th Anniversary of Water Resources UniversityConference,* ed. K. Nguyen. 56-65. Hanoi, Vietnam: Water Resources University.

Book Chapters

Edwards, F. G., K. Thompson, and D. Gabel. 2011. Water System Security and Preparedness. *Design of Water Treatment Plants*. Ed. F. G. Edwards, K. Thompson, and D. Gabel, 715-22. Denver, CO: American Water Works.

AWARDS

Diplomat Water Resources Engineer, awarded by American Association of Water Resources Engineers, 2009.

Full Name: Hung S. HO
Cohort Year: 2009
Title: Professor of Surgery
Field of Expertise: Surgery
Affiliation in the U.S.: University of California, Davis School of Medicine
VN Host University : Thai Binh Medical University
Course Title : Fundamentals of Clinical Surgery
Email: hung.ho@ucdmc.ucdavis.edu

PUBLICATIONS

Journal Articles

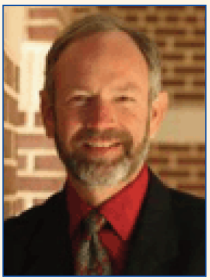
Troppmann, K. M., B. E. Palis, J. E. Goodnight, .Jr., H. S, Ho, and C. Troppmann. 2009. Career and lifestyle satisfaction among surgeons: What really matters? The national lifestyles in surgery today survey. *Journal of the American College of Surgeons* 209, 2: 160-69.

Books

Chu, Q., and H. Ho, H. 2010. Surgical Care at a District Hospital. Translation into Vietnamese. Shreveport: Louisiana State University Health Sciences Center.

OTHER RECOGNITION

Certificate of Appreciation by Thai Binh Medical University, Vietnam. 2010.



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PUBLICATIONS

Conference Papers

Kelley, B. S., B. R. Rigby, and H. D. Vu. 2010. VEF-sponsored Hanoi University of Technology biomechanics course. *Proceedings of the 3rd International Conference on the Development of Biomedical Engineering in Vietnam,* ed. V. T. Vo and Q. D. K. Truong, 246-49. Ho Chi Minh City, Vietnam: Springer.

Kelley, B. S., B. R. Rigby, and H. D. Vu. 2009. Teaching engineering biomechanics in Vietnam. *Proceedings of the 2009 American Society For Engineering Education Gulf-Southwest Annual Conference,* ed. K. Van Treuren, and J. Farison, 1-10. Waco, TX, United States: American Society For Engineering Education.

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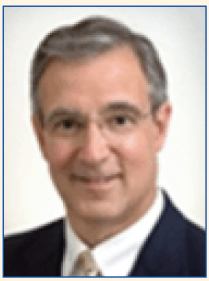
PUBLICATIONS

Conference Presentations

MacDonald, L. H. 2010. Need for measurements at different scales. Training Workshop on Runoff and Suspended Sediment Measurements, Dalat, Vietnam.

MacDonald, L. H. 2010. Effects of land use on runoff and erosion. Training Workshop on Runoff and Sediment Measurements, Dalat, Vietnam.

MacDonald, L. H. 2009. Upstream management and downstream resources: Large-scale implications for sustainable forest management. Sustainable Forest Management. Hanoi, Vietnam: Vietnam Forestry University.



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