10th Annual Vietnam Education Foundation Fellows and Scholar Conference
Scientific Poster Session Presentations
Florida State University
Atrium of Turnbull Conference Center
January 3, 2013

1. **Measuring Electronics Latencies in MINOS with Auxiliary Detectors**

   Son Van Cao

   University of Texas at Austin, Austin, TX, United States (Email: cvson@utexas.edu)

2. **Catalytic, Regioselective Oxidative Couplings of Phenols**

   Trung Cao, Carilyn Torruellas, and Marisa C. Kozlowski

   Department of Chemistry and Penn Merck High Throughput Experimentation Laboratory, University of Pennsylvania, Philadelphia, PA, United States (Email: trungcao@sas.upenn.edu)

3. **Effect of JMJD3 during Bovine Preimplantation Development through Regulating Histone 3 Lysine 27 Methylation**

   Nhi Chung, Pablo Ross

   Animal Biology Graduate Group, Department of Animal Science, University of California, Davis, United States (Email: Nhi Chung ctnhi1117@gmail.com)

4. **The Correlation between the Transfer Length and the Standard Test for Strand Bond on Pretensioned Concrete**

   Canh N. Dang and W. Micah Hale

   Department of Civil Engineering, University of Arkansas, Fayetteville, AR, United States (Email: canhdang.uark.edu)

5. **Conjugated polymer chains confined in vertical nanocylinders of a block-copolymer film: preparation, characterization and optoelectronic function**

   Ban Xuan Dong[1,3], Yoshihiro Honmou[1], Hideaki Komiyama[2], Shu Furumaki[1], Tomokazu Iyoda*[2],and Martin Vacha*[1]

   [1]*Department of Organic and Polymeric Materials, Tokyo Institute of Technology, Ookayama 2-12-1-S8, Meguro-ku, Tokyo 152-8552, Japan*

   [2]*Chemical Resources Laboratory, Tokyo Institute of Technology, Nagatsuta-cho 4259, Midori-ku, Yokohama 226- 8503, Japan*

   [3]*Department of Materials Science and Engineering, University of Michigan, Ann Arbor, MI, United States*

6. **A Tandem Fragmentation/Olefination Process Provides High-Value 1,6-Enynes**

Tung Hoang and Gregory Dudley

Department of Chemistry and Biochemistry, Florida State University, Tallahassee, FL, United States (Email: thoang@chem.fsu.edu)

7. **L-tyrosine as a novel cancer adjuvant**

Hiep Khong[1], Willem Overwijk[1, 2]

[1]*Immunology program, Graduate School of Biomedical Sciences, University of Texas Health Science Center at Houston, Houston, TX, United States*

[2]*Department of Melanoma Medical Oncology, University of Texas MD Anderson Cancer Center, Houston, TX, United States*

8. **Enumeration of Hybrid Domino-Lozenge Tilings**

Tri Lai

Department of Mathematics, Indiana University, Bloomington, IN, United States (Email: tmlai@indiana.edu)

9. **Everyone Can Code: Program Synthesis for TouchDevelop**

Vu Minh Le

Department of Computer Science, University of California, Davis, Davis, CA, United States

10. **Large Area Metal Film On Nanospheres For Surface Enhanced Raman Spectroscopy**

Hoan Thanh Ngo

Department of Biomedical Engineering, Duke University, Durham, NC, United States

11. **Piezoelectric nanostructures for monitoring cellular mechanics**

Thanh Duc Nguyen

Department of Mechanical and Aerospace Engineering, Princeton University, Princeton, NJ, United States

12. **“Flow Visualization” Juxtaposed With “Visualization of Flow”: Synergistic Opportunities between Two Communities**

Hoa Thanh Nguyen[1], Tiago Etiene[1], Robert M. Kirby[1], and Claudio T. Silva[2]

[1]*SCI Institute, University of Utah, Salt Lake City, UT, 07041, United States (Email: hoanguyen@sci.utah.edu)*

[2]*Department of Computer Science and Engineering, Polytechnic Institute of New York University, United States*

13. Characterization of Four 16-MER Derivatives of Histatin-5 as a Step toward the Development of Novel Antifungal Peptides

Duy Nguyen[1, 2], Yazan Akkam[1, 2], Erika Kroger-Von Grote[1,3], Suresh Kumar[2, 3] and David S. McNabb[1, 2]

[1]Department of Biological Sciences and [2]Cell and Molecular Biology Program, University of Arkansas, Fayetteville, AR, United States

[3]Department of Chemistry and Biochemistry, University of Arkansas, Fayetteville, AR, United States

14. A Golden 2-like transcription factor influencing fruit chloroplast development and fruit quality at the tomato uniform ripening (u) locus

Cuong V. Nguyen[1], Ann L. T. Powell[2], Alan Bennett[2], James J. Giovannoni[1,3]

[1]Department of Plant Breeding and Genetics, Cornell University, Ithaca, NY, United States (Email:cvn6@cornell.edu)

[2]Department of Plant Sciences, University of California, Davis, Davis, CA, United States

[3]USDA ARS and Boyce Thompson Institute, Ithaca, NY, United States

15. Path-Extend: An Approach for Repeat Resolution in de novo Genome Assembly

Andrey D. Prjibelski[1, 3], Tatiana Krivosheeva[1], Anton Bankevich[1], Sergey Nurk[1], **Son Pham**[2], and Pavel A. Pevzner[1, 2]

[1]St. Petersburg Academic University, St. Petersburg, Russia (Email: {andrewprzh, tekrivosheeva, anton.bankevich, sergeynurk}@gmail.com)

[2]University of California, San Diego, United States (Email: {kspham, ppevzner}@eng.ucsd.edu)

[3]Corresponding author

16. SyntenyFinder: A Synteny Blocks Generation and Genome Comparison Tool

Ilya Minkin[1], Nikolay Vyahhi[1], and **Son Pham**[2]

[1]St. Petersburg Academic University, St. Petersburg, Russia (Email: ilya.minkinen@gmail.com; vyahhi@gmail.com)

[2]University of California, San Diego, La Jolla, CA, United States (Email: kspham@eng.ucsd.edu)

17. 14-3-3sigma suppresses cancer glycolysis, glutaminolysis and mitochondrial biogenesis by targeting c-Myc

Liem Phan[1], Ping-Chieh Chou[1], Guermarie Velazquez-Torres[1], Ismael Samudio[1], Kenneth Parreno[1], Yaling Huang[1], Chieh Tseng[1], Thuy Vu[1], Chris Gully[1], Chun-Hui Su[1], Edward

Wang[1], Jian Chen[1], Hyun-Ho Choi[1], Enrique Fuentes-Mattei[1], Ji-Hyun Shin[1], Christine Shiang[1], Brian Grabiner[1], Marzenna Blonska[1], Yiping Shao[1], Dianna Cody[1], Jorge Delacerda[1], Charles Kingsley[1], Douglas Webb[1], Colin Carlock[1], Zhongguo Zhou[1], Nibal Rizk[1], Yun-Chih Hsieh[1], Jaehyuk Lee[1], Andrew Elliott[1], Marc Ramirez[1], Jim Bankson[1], Yongxing Wang[1], Lei Li[1], Shaofan Weng[1], Xin Lin[1], Hua Wang[1], Huamin Wang[1], Aijun Zhang[2], Xuefeng Xia[2], Yun Wu[1], Wei Yang[1], Lajos Pusztai[1], Sai-Ching Yeung[1], and Mong-Hong Lee[1]

[1]University of Texas MD Anderson Cancer Center, [2]The Methodist Hospital Research Institute, Houston, TX, United States

18. Entropy-based Histograms

Hien Trong To

Department of Computer Science, University of Southern California, Los Angeles, CA, United States

19. Stochastic Alternating Direction Method of Multipliers

Hua Ouyang, Niao He, **Long Q. Tran**, and Alexander Gray

Georgia Institute of Technology (Email: ltran3@gatech.edu)

20. p63 inhibits epithelial – mesenchymal transition by promoting the expression of miR205 in human bladder cancer cells

Mai Tran[1], [4]*, WoonYoung Choi[1], Neema Navai[1], [2], Matthew F. Wszolek[1], [2], Iling C. Lee[1], Arlene Siefker-Radtke[2], David McConkey[1], [3]†

[1]Department of Urology, University of Texas MD Anderson Cancer Center, Houston, TX, United States

[2]Department of Genitourinary Medical Oncology, University of Texas MD Anderson Cancer Center, Houston, TX, United States

[3]Department of Cancer Biology, University of Texas MD Anderson Cancer Center, Houston, TX, United States

[4]Graduate School of Biomedical Sciences (GSBS), University of Texas Health Science Center at Houston, Houston, TX, United States

**Presenting author; † Corresponding author (Email: dmcconke@mdanderson.org)*

21. **New Methods to Accelerate Bridge Construction in Seismic Regions**

John Stanton[1], Marc Eberhard[1], Lee Mars[2], Bijan Khaleghi[3], Olafur Haraldsson[4], Todd Janes[4], **Hung V. Tran**[4], Phillip Davis[4], and Gunnsteinn Finnsson[4]

[1]Professor, Department of Civil & Engineering, University of Washington, Seattle, WA, United States

[2]*Senior Project Manager, BergerABAM, Federal Way, WA, United States*

[3]*State Bridge Design Engineer, Washington States Department of Transportation, Tumwater, WA, United States*

[4]*Graduate Research Assistant, Department of Civil & Engineering, University of Washington, Seattle, WA, United States*

22. A New Target in the Resistant Mechanism to Trastuzumab

T. Vu[1], Q. Zhang[1], L. Tian[1], T. Shackleford[1], T. Kute[2], and F. X. Claret[1]

[1]Department of Systems Biology, University of Texas MD Anderson Cancer Center, Houston, TX, United States (Email: ttvu@mdanderson.org)

[2]Department of Pathology, Wake Forest University School of Medicine, Winston-Salem, NC, United States