

Liang-Bo Wang

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EDUCATION

National Taiwan University, Taipei, Taiwan

Master of Science (M.S.) in Biomedical Electronics and Bioinformatics Jan 2014 – Present
• Expected to graduate in Jun 2016

Bachelor of Science (B.S.) in Electrical Engineering Sep 2009 – Jan 2014
• Minor in Economics

RESEARCH EXPERIENCE

Biomedical Engineering and Bioinformatics, National Taiwan University

Undergraduate Research Sep 2011 – Nov 2012
• Project: CMOS-based tactile sensor system for blood pressure measurement

PUBLICATIONS

JOURNALS

- [1] Y.-P. Lai*, **L.-B. Wang***, L.-C. Lai, M.-H. Tsai, T.-P. Lu, and E. Y. Chuang, “iGC—an integrated analysis package of Gene expression and Copy number alteration”, (*Under review*), 2015.
- [2] Y. Xu, F. Zhang, Z. Jia, **L.-B. Wang**, Y. Ai, M. Lai, E. Chang, “Large Scale Tissue Histopathology Image Classification, Segmentation and Visualization via Deep Convolutional Activation Features” (*Under review*), 2015.
- [3] **L.-B. Wang**, E. Y. Chuang, T.-P. Lu, “Identification of predictive biomarkers for ZD-6474 in lung cancer”, *Translational Cancer Research*, vol. 4, no. 4, Aug 2015.
- [4] C.-Y. Lee*, Y.-C. Chiu*, **L.-B. Wang***, Y.-L. Kuo*, E. Y. Chang, L.-C. Lai, M.-H. Tsai, “Common applications of next-generation sequencing technologies in genomic research”, *Translational Cancer Research*, Feb 2013.

CONFERENCES

- [1] **L.-B. Wang**, S.-Y. Dai, T.-P. Lu, L.-C. Lai, M.-H. Tsai, E. Y. Chuang, “Nextbiopsy: Utilities for next-generation sequencing data processing”, *9th Asian Pacific Conference on Medical and Biological Engineering (APCMBE)*, Oct 2014.
- [2] C.-Y. Lee*, **L.-B. Wang***, M.-H. Tsai, L.-C. Lai, E. Y. Chuang, “Identification of novel miRNAs in breast data of the next generation sequencing using miRDeep2 and Galaxy”, *AACR 2013*, Apr 2013.
- [3] Y.-C. Lin, C.-J. Hsieh, **L.-B. Wang** (presenter), J.-C. Liou, W.-C. Tian, “CMOS MEMS metal-based tactile sensors development”, *AVS 59th International Symposium & Exhibition*, Oct 2012.
- [4] C.-T. Sun, Y.-C. Lin, C.-J. Hsieh, J.-C. Liou, **L.-B. Wang**, W.-C. Tian, “A linear-response CMOS-MEMS capacitive tactile sensor”, *IEEE Sensors 2012*, Oct 2012.

ACADEMIC HONORS & AWARDS

Dean’s List, Fall 2002 through Spring 2005, 2002 – 2005
Science College
For attaining a semester GPA of at least 3.75.

Undergraduate Researcher Award, Science College May 2005
For outstanding scientific contributions in the fields of lasers and climate change.

International Science Scholarship, Global Science Foundation Dec 2001
Provides full sponsorship with stipend for undergraduate studies. One of 42 awardees in the world.

OTHER HONORS & AWARDS

Chess Tournament, First Prize, First American University Mar 2007
Awarded at the Tenth Annual Chess Tournament held during Alumni Weekend.

PROFESSIONAL AFFILIATIONS & ACTIVITIES

Society of Professional Earth Scientists, New York, USA
Member 2009 – Present

CAMPUS ACTIVITIES	First Volunteers Club , First American University President <div>Aug 2006 – Aug 2007</div> <ul style="list-style-type: none"> • Lorem ipsum dolor sit amet, consectetur adipiscing elit. • Curabitur vitae laoreet velit, vel ultricies est. Nam nec elit ac ante facilisis ultrices. • Integer sit amet turpis dolor. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc at orci eu leo vulputate finibus sed et sem. • Suspendisse volutpat sapien et mi cursus, gravida ornare mauris sollicitudin.
OTHER WORK EXPERIENCE	Alpha Engineering Firm , Oakland, Ohio, USA Project Officer, Research & Development Division <div>Oct 2007 – Jan 2008</div> <ul style="list-style-type: none"> • Nullam venenatis egestas nisl eget elementum. • Nulla finibus justo vel turpis efficitur, non lacinia orci maximus. Proin rhoncus, felis vel hendrerit lacinia, enim ipsum ultricies massa, sit amet interdum nisi massa sit amet justo. • Etiam vitae eros mollis, consectetur quam quis, molestie massa.
PROGRAMMING SKILLS	Python (both scientific and web stack), R, \LaTeX , C, SQL

[CV compiled on 2015-10-20]