

Ariel Wei Hsi Yeh

5 Cowperthwaite Street, Apt 218, Cambridge, MA, 02138, USA; (+1) 443-996-3476; weihsiyeh@gmail.com

Education

Harvard University	2014-Present
Ph.D. student in Division of Medical Sciences Speech and Hearing Bioscience and Technology	
Johns Hopkins University	2012-2014
Bachelor of Science in Chemical and Biomolecular Engineering Cumulative undergraduate GPA: 3.78/4 from two universities—Dean's List in every semester Skills: ASPEN PLUS, MATLAB, C Language, R Project for Statistical Computing	
National Taiwan University (<i>transfer out</i>)	2010-2012
Bioenvironmental Systems Engineering Cumulative GPA: 4.16/4.30—First Class Honors in both freshman and sophomore years	

Research Experience

Pathology Lab, School of Medicine, Johns Hopkins University	2013-2014
<i>Research advisers: Prof. T-C Wu & Dr. Chien-Fu Hung</i> Participate in finding the most effective cervical cancer vaccine for the prevention and treatment of human papillomavirus-associated malignancies. Understand the principles and strategies use for HPV vaccine and development in order to create vaccines that target other cancers with defined tumor antigens.	
Physiology Lab, Department of Otolaryngology, Johns Hopkins University	2012-Present
<i>Research adviser: Prof. Paul A. Fuchs</i> Trace <i>afferents</i> through <i>immunostaining</i> in cochlear and brains sections to better understanding the inputs and feedback mechanisms that determine cochlear function; attend weekly laboratory meeting and primary literature journal club	
Toxicology Lab, Bioenvironmental Systems Engineering, National Taiwan University	2010-2011
<i>Research adviser: Prof. Vivian Hsiu-Chuan Liao</i> Researched on <i>C. elegans</i> ' exposure to Antimony Trioxide (Ab_2O_3); quantified the effect on reproduction; analyzed the behavioral change as a result of <i>C.elegans</i> ' impaired nervous system	

Publication

Tae Heung Kang ¹ , Jayne Knoff ² , Wei-Hsi Yeh ² , Benjamin Yang ² , Chenguang Wang ⁶ , Tae Woo Kim ⁷ , T.-C. Wu ^{2,3,4,5} and Chien-Fu Hung ^{2,5} Treatment of tumors with vitamin E suppresses myeloid derived suppressor cells and enhances CD8+ T cell-mediated antitumor effects, PLoS ONE	2013
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Academic Awards and Scholarships

Dean's List of Whiting School of Engineering —Johns Hopkins University	Fall & Spring 2013
Presidential Award and Scholarship —National Taiwan University	2011 & 2012
<ul style="list-style-type: none">Awarded for four consecutive semesters. The award is presented to students who are ranked top 3 in class.Recipient of a merit-based Presidential Scholarship with 1/3 of undergraduate tuition covered	
Chinese Literature Award and Scholarship —National Taiwan University	2011
<ul style="list-style-type: none">Selected as the Chinese Literature Essay Competition Finalist, awarded Chinese Literature Excellence	

- Honorary Tutor –National Taiwan University** 2011
- Nominated by Academic Division from the top 5% of the class of 2011 with excellent academic performance
 - Awarded the Best Student Teaching Prize among all student tutors in teaching calculus, chemistry and biology

Conference Experience

- Mid-Atlantic American Institute of Chemical Engineers (AIChE) Conference, NJ, USA** April 2013
- Participated in Chemical Car competition
- 36th Annual Association for Research in Otolaryngology (ARO) Meeting, Baltimore, USA** February 2013
- 5th East Asia *C. elegans* Meeting conference, Taipei, Taiwan** June 2012
- Organized conference and convened individuals from the scientific community
- 13th Annual Investigation for Identification Educational Conference, New Orleans, USA** August 2010
- Organized by the LSU Continuing Dental Education

Leadership, Team Work & Voluntary Experience

- Harvard Taiwan Student Association** 2015
- Vice President
- Boston Taiwanese Biotechnology Association** 2014, 2015
- Academic panel
- Course: Introduction to Chemical & Biological Process Analysis, Johns Hopkins University** Fall 2013
- Teaching Assistance, covering course materials and MATLAB
 - Leader in the Peer-led-team learning program
- The President's Day of Service, Johns Hopkins Center of Social Concern** October 2012
- Team leader
- Voluntary Service on Public Health in Nepal, Vision Youth Action (VYA) International Work Camp** August 2011
- Team leader for workshops
 - Culture and education exchange with local nursing schools
 - Taught regional common diseases' prevention to healthcare administrators from 9 villages
 - Taught Chinese martial arts to local Nepalese teenagers
- High School Graduation Commencement** June 2010
- Chairperson of the graduation council
 - Class 2010 representative to give graduation speech
 - Hostess of the graduation ceremony

Extracurricular Activities & Certificates

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| Water Safety Life Guard License | Flute Certificate of Grade 4 |
| • by International Life Saving Federation | • by The Associated Board of the Royal Schools of Music, England |
| Chinese Martial Arts Coach License | Chinese Martial Arts Referee License |
| • by National Tai Chi Chuan Association | • by National Tai Chi Chuan Association |
| Chinese Martial Arts Certified 3rd Duan | Downhill Skiing: Certificates of Level 3 |
| • by China Wu Su Association, Beijing, China | • by Kimura Kiminobu Ski School, Japan |
| Scuba Dive Certificate | |
| • by PADI Association, Switzerland | |