

聖路易台灣學者協會 2018 年會  
2018 Taiwanese Scholar Association in St. Louis (TSA-STL) Symposium

**New Technology, New Thinking**  
台灣之美：新科技、新思維  
- 遊子情、傳承心、在新文化中飛揚



April 21, Saturday, 8:30 am to 4:40 pm  
Cori Auditorium, McDonnell Medical Sciences Building., 1st Floor  
Medical Campus, Washington University in St. Louis  
4565 McKinley Ave., St. Louis, MO 63110



## Contents

President’s Greeting - - - - -	3
Program - - - - -	4
Opening Remarks: Hui-Kuang (Tiffany) Yu 游慧光 - - - - -	6
Keynote Session:	
Cheng C. Tsai 蔡承昌 - - - - -	7
Tzu-Ying Huang 黃姿穎 - - - - -	9
Li-Shiun Chen 陳麗勳 - - - - -	10
Scientific Session I:	
Tsen-Hsuan (Abby) Lin 林岑軒 - - - - -	11
Po-Cheng Lin 林柏成 - - - - -	13
Scientific Session II:	
Howard Tsui 崔豪 - - - - -	14
Tzu-Hui Kung 龔姿卉 - - - - -	15
Yi-Ling Lin 林宜羚 - - - - -	16
Chin-Wen (RC) Lai 賴勁文 - - - - -	17
Workshop Session:	
An C. Wu 陳安, Stephen H. Wu 吳宏為 - - - - -	18
Organizing Committee - - - - -	19
Sponsors - - - - -	20
Advertisement:	
Science & Technology Division, TECO in Houston 駐休士頓台北經濟文化辦事處科技組 - - - - -	21
TECO in Denver 駐丹佛台北經濟文化辦事處 - - - - -	24



## President's Greeting

On behalf of Taiwanese Scholar Association in St. Louis (TSA-STL, 聖路易台灣學者協會), we would like to welcome you to join the 2018 TSA-STL Symposium “New Technology, New Thinking 新科技、新思維 – 遊子情、傳承心、在新文化中飛揚”.

The 2018 Symposium is organized by Dr. Lee, Wen-Chih 李文志, Dr. Huang, Li-Hao 黃立豪 and enthusiastic organizing committee members. With their endless efforts, we present a broad-spectrum Symposium including the topics of Taiwanese American Value and Heritage, Precision Medicine, Enjoyment of Music, Energy Efficiency, Environmental Concerns, Emotion Management, Cyber Security, Social Work Sciences and the State-of-the-Art Technology “新科技、新思維 – 遊子情、傳承心”. The workshop program provides the discussion for us to identify conflicts due to the diverse culture and thrive in the new culture “在新文化中飛揚”. Our goals are to organize Taiwanese graduate students, postdocs, scholars, clinicians, physician scientists, faculty and life science professionals in the greater St. Louis area and to promote communication and collaboration among these biomedical professionals. We hope this symposium will provide you opportunities for intellectual conversations and networking and help you develop your career via learning the precious lessons from the speakers/panelists and networking with the participants.

We welcome everyone to join us at the symposium. This symposium is open to public and free of charge, and provides light breakfast, lunch and refreshments. For lunch preparation, we encourage you to register online before April 15<sup>th</sup> 2018.

Sincerely yours,

Lon-Fye (George) Lye 賴榮輝  
TSA-STL President (2017-2018)



## Program

08:30 – 09:15 **Arrival, Check in & Breakfast**

09:15 – 09:30 **Opening Remarks**

**Dr. Wen-Chih Lee 李文志博士**

Post-doctoral Research Associate

Department of Orthopaedic Surgery, Washington University

*Welcome from the TSA-STL*

**Dr. Hui-Kuang (Tiffany) Yu 游慧光博士**

Director

Science and Technology Division, Taipei Economic & Cultural Office in Houston

*Introductory Comments*

### **Keynote Session:**

09:30 – 10:00 **Dr. Cheng C. Tsai 蔡承昌醫師**

*Beauty and Calling of Taiwanese Americans*

10:00 – 10:30 **Ms. Tzu-Ying Huang 黃姿穎小姐**

Clarinetist

St. Louis Symphony

*我不懂古典音樂，去音樂會要聽什麼？*

10:30 – 11:00 **Dr. Li-Shiun Chen 陳麗勳醫師**

Associate Professor

Department of Psychiatry, Washington University

*Can We Clear the Smoke? From Genes to the Bedside*

11:00 – 11:20 **Tea Break**

### **Scientific Session I:**

11:20 – 11:40 **Dr. Tsen-Hsuan (Abby) Lin 林岑軒博士**

Post-doctoral Research Associate

Department of Radiology, Washington University

*Imaging Visual Function from Mouse to Human*

11:40 – 12:00 **Mr. Po-Cheng Lin 林柏成先生**

Ph.D. candidate

Department of Biology, Washington University

*Microbial Production of Fuels and Useful Chemicals*

12:00 – 01:20 **Presenting gifts, Photo and Lunch**



**Scientific Session II:**

- 01:20 – 01:40 **Mr. Howard Tsui 崔豪先生**  
Senior Threat and Vulnerability Assessment Engineer  
TD Ameritrade  
*A Cyber Security Talk, from Attacker's View*
- 01:40 – 02:00 **Ms. Tzu-Hui Kung 龔姿卉小姐**  
Ph.D. candidate  
Brown School of Social Work, Washington University  
*校園親密關係暴力預防：國際學生的危險與保護因子*
- 02:00 – 02:20 **Ms. Yi-Ling Lin 林宜羚小姐**  
Ph.D. candidate  
Department of Anthropology, Washington University  
*考古學家如何研究史前環境與人類的關係*
- 02:20 – 02:40 **Mr. Chin-Wen (RC) Lai 賴勁文先生**  
Ph.D. candidate  
Department of Pathology and Immunology, Washington University  
*Rediscover the Ocean 重新看見海洋*
- 02:40 – 03:00 **Tea Break**

**Workshop Session:**

- 03:00 – 04:30 **Mrs. An C. Wu 陳安女士**  
Counselor  
Fee Fee Baptist Church Counseling Service  
**Dr. Stephen H. Wu 吳宏為博士**  
Adjunct Professor & Board member  
Missouri Baptist University  
*Thriving in New Culture 在新文化中飛揚*
- 04:30 – 04:40 **Closing Remarks**  
**Dr. Lonfye (George) Lye 賴榮輝博士**  
Senior Scientist  
Department of Molecular Microbiology, Washington University



## Opening Remarks



**Hui-Kuang (Tiffany) Yu, Ph.D.**  
游慧光

Dr. Tiffany Hui-Kuang Yu is the director of the Science and Technology Division at Taipei Economic and Cultural Office (TECO) in Houston. She was a professor of public finance at Feng Chia University before she took a leave of absence for this international assignment by the Ministry of Science and Technology of Taiwan. Dr. Yu is an economist and has research interests spanning from Econometric, Health Economics, and Public Finance to Big Data Analysis. She has published more than 50 citation journal papers, served as journal co-editors and reviewers and been very active for international cooperation. She has served as the Dean of Office of International Affairs, Director of Chinese Language Center, Director of Overseas Youth Vocational Training School and the Chair of Department of Public Finance at Feng Chia University and the director of NISA (Network for International Students Advisors) project office and Director of Taiwan Education Center in Malaysia, for Ministry of Education. Dr. Yu received her B.A. in economics from National Taiwan University in 1986 and M.S. and Ph.D. in economics from Texas A&M University in 1989 and 1994 respectively.

### Introductory Comments

Hui-Kuang (Tiffany) Yu, Ph.D. 游慧光

As a Director of Science and Technology Division, TECO-Houston Ministry of Science and Technology 駐休士頓臺北經濟文化辦事處科技組, my job is to help your needs. I will deliver what and how we can help students, postdoc fellows, scholars and faculty.



## Keynote Session



**Cheng C. Tsai, M.D.**

蔡承昌

Born in Chingsway, Taichung, Taiwan, July, 1943  
Kaohsiung Medical University graduates in 1968  
Veterans General Medical Center, pathology Residency & Staff,  
Washington University & Barnes Medical Center, St. Louis MO, '71-74  
Associate Professor of Pathology, St. Louis Univ. Medical School, STL, MO '74-90  
Board Certified Subspecialty in Pathology and Immunopathology, 1974 & 1978  
Partner, Senior Vice President, & Director of Immunopathology In WCP  
Laboratories STL, 1990-2015

Social Services related to Taiwanese Americans Communities  
President, Taiwanese American Association TAA, STL Chapter  
President, North American Taiwanese Medical Association, NATMA, STL Chapter  
President, North American Taiwanese Professor Association, NATPA, STL  
President, Formosan Association for Foreign Affairs, FAPA, STL  
Vice President, NATMA, USA  
Vice President, NATPA, USA  
Coordinator, Taiwanese American Heritage Week Cerebration, Taiwanese Foods  
Festival, STL, 2015 & 16  
Sponsor, Art Exhibition at Fontbonne University, for Master Chen-Nan Chu  
Member, Auburn Society, Lindenwood University, St. Charles, STL, 2012-  
President, Friends of Ing-Wen Tsai, STL. 2008 and 2016  
Board Members, TAA, NATMA, NATPA, & FAPA, USA  
Promoter, WHO for Taiwan, Geneva  
Charter Member, Republican National Committee, RNC, since 2000-



## **Beauty and Calling of Taiwanese American**

Cheng C. Tsai 蔡承昌

The beauty of Taiwanese Americans (TA), known for precious value on education and the highest median income(\$68,8K) than any other ethnic groups in US (0.5%, with many international renown artists, professionals & scientists including Nobel laureates), is the synergism of very unique combination of native Islander adventurism and US scientific innovation leadership which propel us into various global expertise & prominence.

I would like to share my past experience and observations to explore this unique & distinct soft powers of the fusion of geopolitical and sociocultural characters of TA. Though beauty is in the eyes (think/brain) of the beholders, my US journey is a part of this living witness. The team of this well thought program should be commended for taking the right step. Many here are familiar with my repeated emphasis of the pursue of wholesome life of 4Qs in the 21st century. Our purpose of life is more than a successful professional career (IQ, Intelligence), achieved financial independence (FQ, Financial) or reach social eminence (SQ, Social). The most challenging Mental Quotient (MQ), that is having our own insight and uncover your true CALLINGS of your life, which not necessary religious, is what makes your life fulfilled & significant.

In wakes of information exploration & fake news overloads, uncovering the true history of ourselves is unwavering essential for self, society & nation. We'd have been very experienced from our past homeland era & uncovering the whole truth here should be promptly & literally. The true History of Taiwan is so much clear and vivid nowadays. With our unique standing as TA, we should follow our inner thought & uncover our Calling to fulfill your life dream. Remember the great sayings, "Never doubt that a small thoughtful & persistent citizen can change the world" and "I think, therefore I am ", You are almost there I believe!



**Tzu-Ying Huang**  
**黃姿穎**

旅美台灣單簧管演奏家黃姿穎，目前擔任聖路易斯交響樂團 (Saint Louis Symphony) 單簧管以及低音單簧管演奏家。曾經擔任堪薩斯城交響樂團 (Kansas City Symphony) 以及科羅拉多音樂節 (Colorado Music Festival) 單簧管及低音單簧管演奏家。旅美期間足跡遍佈美國各大城市，如紐約卡內基音樂廳以及洛杉磯迪士尼音樂廳，並隨樂團赴歐洲巡演。

詳細履歷以及演出活動，請參閱網站 [tzuyinghuang.com](http://tzuyinghuang.com)

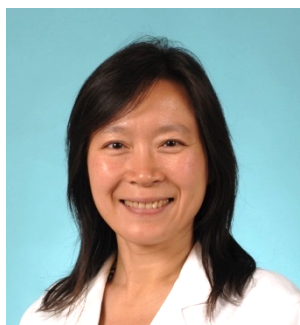
### **我不懂古典音樂，去音樂會要聽什麼？**

Tzu-Ying Huang 黃姿穎

St. Louis Symphony

我不懂古典音樂，為什麼要去聽音樂會？去音樂會要聽什麼？這是很多人在心中的疑問。你知道古典音樂不只有莫札特和貝多芬嗎？你知道作曲家腦袋裡在想什麼嗎？你知道很多音樂家其實有副業嗎？你知道音樂和政治其實息息相關嗎？

音樂不只是一門藝術，他是我們生活中不可分割的一部份，只是你沒有發現而已。在這場講座裡我們將探討音樂對人生的重要性，翻轉大部份人對古典音樂的看法，讓你去音樂廳不再是買票去睡覺！



**Li-Shiun Chen, M.D., M.P.H., Sc.D.**  
陳麗勳

Dr. Chen is an Associate Professor of Psychiatry at Washington University School of Medicine. She is a physician scientist with significant experience in precision medicine and precision prevention in addiction treatment including smoking cessation. Her goal is to improve clinical care by allowing physicians and patients to use most effective treatments with least side effects, and better predict health risks. She is leading the first NIDA-funded genetically informed randomized controlled smoking cessation treatment trial. She has been an active member in the NIDA Genetics Consortium, a group of leading scientists spearheading this nation's efforts to understand genetic causes of substance dependence. She is the co-chair for the Genetics Network of Society for Research on Nicotine and Tobacco. Her additional expertise is implementation of evidence-based treatment for addiction. She is leading a NCI-funded project to implement smoking cessation treatment in healthcare settings with use of technology including electronic health record strategies.

### **Can We Clear the Smoke? From Genes to the Bedside**

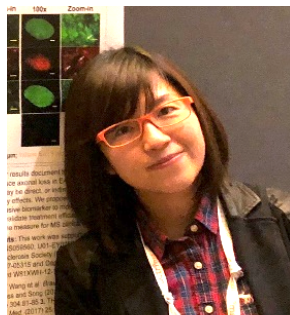
Li-Shiun Chen 陳麗勳, M.D., M.P.H., Sc.D.

Department of Psychiatry, Washington University

Dr. Chen will present three areas: 1) Precision medicine and smoking cessation treatment. 2) Translating genomic findings in public health 3) Implementation of research to practice of smoking cessation treatment. First, she will demonstrate how genetic and environmental factors can inform personalized smoking cessation treatments. Second, she will show the utility of genetic markers for predicting important health outcomes such as delay in smoking cessation and acceleration in lung cancer diagnosis. Last, she will discuss the challenge and success of implementing evidence-based practices and science to close the gap from research to clinical practice.



## Scientific Session I



**Tsen-Hsuan (Abby) Lin, Ph.D.**  
林岑軒

Tsen-Hsuan “Abby” Lin, Ph.D., is currently a national multiple sclerosis society (NMSS) postdoctoral research fellow at Washington University School of Medicine in St. Louis. Dr. Lin grew up in Pintung, Taiwan and moved to Luozhou later. She got her bachelor degree from Dept. of Physics of Tamkang University in 2007. She came to WUSTL in 2008 and got her Ph.D. degree from Dept. of Physics in 2013. Her research interests focus on studying coexisting pathologies in optic nerve, which runs between the eye and the brain to represent more global damage in other parts of the central nervous system, using advance diffusion magnetic resonance imaging, so-called diffusion basis spectrum imaging (DBSI). Dr. Lin and her team could assess optic neuritis in people with multiple sclerosis or its mouse model and mouse models of glaucoma or traumatic brain injury (TBI)-induced optic neuropathy, etc. Dr. Lin further employs their MRI techniques, diffusion functional MRI (fMRI), to study optic nerve function with electrical or visual stimulation in mouse or human. They are the first one to introduce diffusion fMRI to noninvasively measure white matter function in mice or human. Such techniques could compensate the limitation of conventional fMRI, which mainly focuses on gray matter, and improve understanding of brain connectivity. Currently, their team is being optimized for DBSI assessment with visual function to establish relationship between optic nerve injury and functional deficits. They aim to provide a noninvasive early detection or long-term prediction at different disease episode and also serve as an outcome measure to follow disease progression or validate therapeutic efficacy. Their technique could assess coexisting pathologies of optic nerve and function. It could overcome the limitation of current optical coherence tomography (OCT), which assessment only can reach retina and optic nerve head.



## **Imaging Visual Function from Mouse to Human**

Tsen-Hsuan (Abby) Lin 林岑軒, Ph.D.

Laboratories of Dr. Victor Song (Radiology) and Dr. Anne H. Cross (Neurology),  
Washington University

Optic neuropathy or retinopathy could lead to blurred vision or irreversible blindness. They are highly associated with neurodegenerative diseases (e.g. multiple sclerosis, Parkinson's, Alzheimer's diseases, etc.), traumatic brain injury (TBI), chronic traumatic encephalopathy (CTE), stroke, diabetes, glaucoma, and so on. Studies have documented that optic nerve pathology could represent more global damage in other parts of the central nervous system. Most current routinely assessments only focus retinal pathology or visual cortex to further infer functional deficits or pathologies in optic nerve. Herein, we will briefly introduce diffusion magnetic resonance imaging (MRI) and how to assess real-time optic nerve function and pathology in MRI scanner from mouse to human. Our techniques might offer an alternative to directly assess optic nerve and serve as an outcome measure to follow functional deficits or pathology. Lastly, another example will be highlighted to demonstrate that diffusion fMRI could also holds potential to assess other brain white matter function, such as corpus callosum.



**Po-Cheng Lin**  
林柏成

Po-Cheng Lin is a Ph.D. candidate in the Department of Energy, Environmental & Chemical Engineering at Washington University. His research focuses on sustainable production of high value chemicals by engineered cyanobacteria. He received a B.S. in Public Health and a M.S. in Bioenvironmental Systems Engineering from National Taiwan University. He is a scholar of McDonnell International Scholars Academy and a recipient of Ministry of Education Fellowship.

### **Microbial Production of Fuels and Useful Chemicals**

Po-Cheng Lin 林柏成

Laboratory of Himadri Pakrasi, Department of Biology, Washington University

Fossil fuels are the primary source of energy that supports global economic development for the past century. The use of these non-renewable energies releases tremendous amount of CO<sub>2</sub> in the atmosphere, which is the main cause of global warming. Concerns over the impact of climate change have driven research and development of renewable energies in order to reduce the reliance on fossil fuels. To reduce the use of petroleum and minimize the impact of climate change, researchers have been seeking alternative approaches to produce fuels and substances derived from fossil energies. Using microorganisms to produce chemicals offers the potential to reduce fossil fuels utilization. With recent advances in DNA manipulation techniques, researches are able to turn microbes into factories that manufacture useful chemicals that originally come from fossil fuels. Compared to petroleum-based products, chemicals made from microbes emit less CO<sub>2</sub> and have less impact on the environment. In this talk, I will introduce how microorganisms can be engineered to produce useful products, such as fuels, medicine, and materials. In addition, I will discuss the challenges of chemical production by microorganisms.



## Scientific Session II



**Howard Tsui**  
崔豪

Howard Tsui is a Senior Threat and Vulnerability Assessment Engineer, currently working in vulnerability management in a large online brokerage financial service firm. A motivating part of his job is to fix process vulnerability, using vulnerability as a tool to mature organization policies.

### **A cyber security talk, from attacker's view**

Howard Tsui 崔豪

TD Ameritrade

Most of us have been taught on how to protect ourselves on the internet and know their devices can be hacked. However, most of them are being taught from the defender point of view. Such as, don't use public Wi-Fi or use strong password. But do you know why public Wi-Fi is dangerous? What does it look like when attacker is in action? This talk will help you gain the other side's perspective. Sometimes, you learn more by knowing how someone attacks you.



**Tzu-Hui Kung**  
龔姿卉

目前為 Washington University in St. Louis - Brown School 社工與公衛雙修碩班三年級學生，專修暴力與傷害預防(Violence Injury and Prevention)，並於校內親密關係與性暴力預防中心(Relationship and Sexual Violence Prevention Center)實習中，同時為 Brown School Social System Design Lab 研究助理。赴美就讀前於臺北市政府社會局社福中心擔任社工師，從事社區一線個案服務工作。進修專攻領域為親密關係暴力、性暴力，及創傷與復原，學成後希望能繼續於該領域深耕實務經驗，結合研究與實務，致力推展暴力預防工作。

### 校園親密關係暴力預防：國際學生的危險與保護因子

Tzu-Hui Kung 龔姿卉

Brown School of Social Work, Washington University

不僅美國與臺灣，大學校園性暴力事件層出不窮，以為最安全的校園，可能潛藏各種暴力危機，但也是最能著力改變之處。現下社會突顯「結構性暴力」型態，強調暴力事件已不能僅單純個人歸因，視作雙方或人際之間的問題，所謂介入與預防也不只限於加害與受害者服務工作；而是大環境結構下，人與人互動是否無形強化了加害行為的合理性，或是增加了少數群體的弱勢？透過實習機會，有幸研究校園內相對少被資源與服務觸及的碩博班國際學生，面臨校園親密關係與性暴力事件的危險與保護因子為何？如何前瞻地從校園環境層面改善，提升校園危機意識，協助學生建立健康的親密關係？而作為國際學生團體或在美臺灣人組織，又能做些什麼？



**Yi-Ling Lin**  
林宜羚

林宜羚目前為聖路易華盛頓大學人類學系博士生，其論文將透過地質考古學與地球化學方法的結合來研究中國商代的環境污染。她曾經在臺灣、中國、祕魯、烏茲別克等地參與過考古發掘工作；自臺灣大學人類學系獲得碩士學位後，先後於臺大人類系與中央研究院歷史語言研究所擔任研究助理，並於 2014 年來到華盛頓大學攻讀博士學位。

### 考古學家如何研究史前環境與人類的關係

Yi-Ling Lin 林宜羚

Department of Anthropology, Washington University

人類學式的考古學 (anthropological archaeology) 著重於研究任何與史前人類社會相關的關係 (relationships)，這些關係包括人與人、社會、動物、植物、環境之間的關係，並藉此了解史前人類的生活方式及社會運作。本演講將介紹近數十年間，考古學家透過科技整合的研究方式，運用哪些自然科學方法來重建史前的環境，進而了解史前人類如何影響其生活環境，又如何被這環境所影響，藉以說明人與環境間複雜又相互羈絆的關係其實已經延續了數萬年。



**Chin-Wen (RC) Lai**  
賴勁文

He was born in Yilan, grew up in Pingtung, and studied in Taipei. Now he is a 5th-year immunology graduate student in Saint Louis, USA. However, unbeknownst to many, he also involves in environmental protection as an instructor and guide in Society of Wilderness, dedicated to protecting the natural and ecological environment in Taiwan through education, habitat preservation, and public participation.

### **Rediscover the Ocean 重新看見海洋**

Chin-Wen (RC) Lai 賴勁文

Laboratory of Thaddeus S. Stappenbeck, Department of Pathology of Immunology, Washington University

The ocean can be described in an endless number of ways. It's refreshing, beautiful and humbling. It's vast, mysterious and terrifying. The most important thing is that the ocean is the origin of living beings. However, it faces growing challenges from pollution, habitat loss, development, and climate change. If that wasn't enough, expanding industries such as offshore oil drilling, renewable energy, shipping, and aquaculture threaten to crowd our oceans and degrade the health of the ecosystem.



## Workshop Session



**An C. Wu**

陳安

**Stephen H. Wu, Ph.D.**

吳宏為

Mrs. An C. Wu was from Taiwan. She obtained her MA degree in counseling from Covenant Theological Seminary at St. Louis. Presently she is serving as a counselor (LPC) at Fee Fee Baptist Church Counseling Service. She provides counseling to people with needs in areas like communication, marital relationship, parenting, and emotional health issues. Dr. Stephen Wu was from Chang-Hua, Taiwan. Dr. Wu graduated from National Taiwan University and obtained his Ph.D. degree in Biophysical Chemistry from Stanford University. Dr. Wu served as a Lab Head in pharmaceutical and chemical company research labs for a number of years. Now he is an Adjunct Professor teaching Biochemistry in Missouri Baptist University (MBU) and also a Board member of MBU. Together, Dr. and Mrs. Wu provides assistance for career planning and counseling needs.

吳陳安女士來自台灣，畢業於聖路易市聖約神學院取得該校心理輔導碩士學位，專攻心靈關懷與輔導。目前，她服務於 Fee Fee 浸信會的心理輔導服務部門，提供有關溝通、婚姻關係、親子關係及情緒健康各方面的心理協談。吳宏為博士來自台灣，早年畢業於台灣大學化學系，獲史丹福大學博士。吳弟兄曾任職化學廠及藥廠產品研發實驗室主管。退休後任密蘇里浸信會大學校董兼生物化學客座教授。目前他們夫婦二人提供在職業與生涯規劃，情緒與心靈健康，婚姻與家庭和諧各方面的輔導。

### **Thriving in New Culture 在新文化中飛揚**

An C. Wu 陳安 and Stephen H. Wu 吳宏為

隨着傳播系統的進步，訊息的快速發展，我們生活在一個快節奏且多文化的大環境中。如何在這樣的“多文化互動”的新文化中適應及飛揚便是這工作坊的探討主題。工作坊的目的是希望透過案例的討論

1. 再思文化的定義
2. 了解文化的衝擊及適應
3. 面對新文化的挑戰
4. 認識文化智慧
5. 如何在新文化中飛揚



## Organizing Committee

- Scientific Program: Wen-Chih Lee (李文志)
- Workshop: An Chen Wu (陳安), Stephen Wu (吳宏為)
- Fundraising: Lon-Fye Lye (賴榮輝)
- Treasurer: Meei-Hua Lin (林美華)
- Onsite Registration: Hsiao-Mei Lin (林筱玫), Chia-Li Kao (高嘉利),  
May Lee (李修嬋)
- Conference Website: Liang-Bo Wang (王亮博)
- Online Registration: Che-Pin Chang (張哲斌)
- News Release: Wen-Chih Lee (李文志), Lon-Fye Lye (賴榮輝)
- Symposium Logo: Chin-Wen Lai (賴勁文)
- Conference Brochure: Meei-Hua Lin (林美華)
- Moderators: Wen-Chih Lee (李文志), Chin-Wen Lai (賴勁文)
- Photographers: Liang-Bo Wang (王亮博), Chao Wang (王超)
- Audio & Video System: Che-Pin Chang (張哲斌)
- Breakfast & Lunch Coordinator: Li-Hao Huang (黃立豪)
- Refreshments Coordinator: Li-Hao Huang (黃立豪)
- Conference Site Reservation: Meei-Hua Lin (林美華)
- Logistics: Li-Hao Huang (黃立豪), Wen-Chih Lee (李文志),  
Lon-Fye Lye (賴榮輝), Chin-Wen Lai (賴勁文),  
Che-Pin Chang (張哲斌)
- Promotion: Wen-Chih Lee (李文志), Chin-Wen Lai (賴勁文),  
Che-Pin Chang (張哲斌), Maggie Chen (章美茜),  
Kevin Lin (林子凱), Sarah Chang



## Sponsors

- George Tsai 蔡國雄先生 - 中華民國僑務顧問
- Dr. Keelung Hong 洪基隆博士 - Founder, Chairman & CEO of Taiwan Liposome Company, Ltd (TLC) 台灣微脂體股份有限公司  
<http://www.tlcbio.com>
- Science & Technology Division, Taipei Economic and Cultural Office in Houston 駐休士頓台北經濟文化辦事處科技組  
<https://www.most.gov.tw/houston/ch>
- Taipei Economic and Cultural Office in Denver 駐丹佛台北經濟文化辦事處  
<https://www.roc-taiwan.org/usden/>
- Dr. Tai Lin 林泰博士 - Ariel Premium Supply, Inc.  
<https://www.arielpremium.com>



## 駐休士頓台北經濟文化辦事處科技組

Science and Technology Division, Taipei Economic & Cultural Office In Houston



### 服務項目:

1. 協助科技部及國內科技單位與服務地區學術及研究單位建立科技交流合作
2. 配合及辦理服務地區包括駐休士頓、亞特蘭大、邁阿密及部份丹佛辦事處之科技相關事務
3. 協助推動大學生、研究生及博士後等各種雙向台美科技人員培訓及延攬
4. 協助安排及接待國內外雙向科技人員交流、參訪活動
5. 協助高科技移轉及赴科學園區投資
6. 建立學人專長資料檔，協助與推薦學人返國服務
7. 協助學人團體舉辦學術活動，並針對國內學術研究及科技發展重點，與服務地區學術團體共同規劃舉辦海外學術研討會
8. 協助行政院於服務地區舉辦延攬海外科技人才活動及推動科技部海外人才歸國橋接方案(LiFT)、博士創新之星計畫(LEAP)、愛因斯坦培植計畫、哥倫布計畫等人才培育計畫
9. 代表國內科技單位出席學術性會議，或蒐集科技相關資訊及撰提研究報告以供參考
10. 協助協調、溝通、推廣、促進服務地區民眾社團瞭解國內科技發展現況

### 服務地區包括下列十三州:

Alabama、Arkansas、Florida、Georgia、Kentucky、Louisiana、Mississippi、Missouri、North Carolina、Oklahoma、South Carolina、Tennessee、Texas

為配合政府「前瞻基礎建設」及「產業創新領域」等政策推動，回應臺灣產學研各界對前瞻科研領域人才需求及海外人才歸國期待，科技部推動本方案，號召臺灣赴海外留學人才返國，將其國際新知帶回國內並與產學研各界進行交流擴散。期望協助海外高階人才回流，亦激勵產業創新及科研發展。

本方案為協助安置返國學人，鼓勵返國學人於方案期間與各界建立連結，將規劃辦理各式交流活動，並提供返國學人交流補助金、科學園區宿舍租用優惠及子女就學協助等配套措施。

相關網址: <https://lift.stpi.narl.org.tw/index>

## 哥倫布計畫

哥倫布計畫 (Columbus Program)，將提供 35 歲以下的年輕研究人員多年長期研究計畫，效法哥倫布勇敢跨出舒適圈，無畏探索廣大未知的世界，進而發現新大陸的精神，放眼國際、追求卓越，長期投入具前瞻創新性的研究計畫，進而擔任國際學術學會、專業社團重要職務。

相關網址: [https://www.most.gov.tw/folksonomy/list?menu\\_id=b64c0e60-430b-4353-870e-baec5de5908d&l=ch](https://www.most.gov.tw/folksonomy/list?menu_id=b64c0e60-430b-4353-870e-baec5de5908d&l=ch)

## 愛因斯坦培植計畫

愛因斯坦培植計畫 (Einstein Program) 鼓勵學術生涯剛起步 (32 歲以下) 的年輕研究人員，效法愛因斯坦大膽想像並求知求真，進而提出劃時代理論的精神，進行多方面大膽嘗試、勇於創新，跨越科學領域的疆界，並且不受既定框架的限制，產出具突破性的研究成果。

相關網址: [https://www.most.gov.tw/folksonomy/list?menu\\_id=876ee953-9fad-41d6-8f26-f51a5010aff&l=ch](https://www.most.gov.tw/folksonomy/list?menu_id=876ee953-9fad-41d6-8f26-f51a5010aff&l=ch)



為培育臺灣高階科技創新創業人才，引領臺灣高品質人才連結未來世界以建立我國創新平臺，科技部推動「博士創新之星計畫」，選派具創新創業企圖心之博士級人才赴美國、法國及以色列等企業、新創公司以及知名學研機構進行專案合作研習 6-12 個月。

希望藉此開拓我國高階人才之能力與創新思維，並透過參與當地創新創業或相關社群活動，建立我國與海外創新資源之連結，並在返臺後能對臺灣產業或學研界有所貢獻。

相關網址: <https://leap.stpi.narl.org.tw>





服務項目：護照、簽證、文件證明等

服務區域：科羅拉多州、密蘇里州、堪薩斯州、內布拉斯加州、南達科他州、北達科他州

處長：張詩瑞

地址：1600 Broadway, Suite 1740, Denver, CO 80202

電話：720-5872949

傳真：720-5872958

電郵：[den@mofa.gov.tw](mailto:den@mofa.gov.tw)

網址：<http://www.roc-taiwan.org/usden/>