



Chinese American Academic & Professional Society (CAAPS)

website: www.caaps.us facebook: www.facebook.com/caaps.us

第三十八屆年會 主題：科技與教育：改善生活品質，提升文化和經濟

Time : August 25, 2013, Sunday, 9:00 AM ~ 11:00 PM

Place : 紐約法拉盛喜來登大飯店 Sheraton LaGuardia East Hotel

135-20 39th Avenue, Flushing, NY 11354, Tel: (718) 460-6666

Time/Place	Activities
10:00AM – 1:00PM (7 th Floor) 開幕典禮（致詞：鍾炳采董事長及曾令寧會長，教育部政務次長黃碧端 僑務委員會副委員長副委員長呂元榮） 及專題演講（歡迎免費參加） 午宴 (by invitation only)	How I Did It: The secret of Vizio' success - CEO William Wang 王蔚, VIZIO Inc. 文化的傳承與開展 -世界日報紐約社社長楊仁烽 Oceans and Coral Reefs -President Ching-Fong Chang 國立臺灣海洋大學 校長張清風
2:00 – 5:00 PM (7 th Floor) 歡迎免費參加	新興資訊與科技研討會 高等教育研討會 財經金融研討會 科技運用研討會 生醫科技與健康人生研討會 永續性與環境保護研討會
6:30 – 11:00 PM (2nd Floor) 晚會典禮 (致詞：高振群大使, TECO in NY) 頒獎-卓越終身成就獎-錢煦, 企業楷模獎-王蔚, 畢東江, 傑出專業成就獎-楊仁烽, 美東之友獎-陳秋貴等。 晚會票價: \$75 請洽: 646-346-4668 或 caaps.us@gmail.com	專題演講主講人： 錢煦教授 -生醫科技與人文社會的互動。 晚宴, 餘興節目：弦樂四重奏, 來音合唱團 - 臺灣小調, 中國 及世界名謠, 男女聲樂演唱。

(Continued on next page)

美東華人學術聯誼會

Chinese American Academic & Professional Society (CAAPS)

38th Annual Convention

Theme: Technology and Education: Enriching Lifestyle, Culture and Economy

科技與教育：改善生活品質，提升文化和經濟

Time : August 25, 2013, Sunday, 9:00 AM ~ 11:00 PM

Place : 紐約法拉盛喜來登大飯店 Sheraton LaGuardia East Hotel

135-20 39th Avenue, Flushing, NY 11354, Tel: (718) 460-6666

Time	Session	Room
9:00AM ~ 5:00 PM	Registration	
10:00AM ~ 10:30 AM	Opening Ceremony	Gallery, 7 th Floor
	Welcome	
	鍾炳采董事長及曾令寧會長致歡迎詞	
	教育部政務次長黃碧端致詞	
	僑務委員會副委員長呂元榮致詞	
10:30 AM ~ 11:20AM	<i>Plenary Keynote Speech:</i> How I Did It: The secret of Vizio's success CEO William Wang 王蔚, VIZIO Inc.	
11:20 AM~ 12:10PM	<i>Plenary Keynote Speech:</i> 文化的傳承與開展- 報紙邁向數位世界 世界日報北美總管理處總經理兼世界日報 紐約社社長楊仁烽	
12:10 ~ 1:00PM	<i>Plenary Keynote Speech:</i> Oceans and Coral Reefs President Ching-Fong Chang 張清風校長, National Taiwan Ocean University	
	Luncheon	
2:00 ~ 3:30 PM	1. Emerging Information and Communications Technology Session 新興資訊與科技研討會 Organizer: Prof. Ping-Tsai Chung 鍾炳采 Chair: Dr. Jen-Yao Chung, 鍾健堯 IBM Research	Gallery, 7 th Floor

(Continued on next page)

	<p>Dr. Howard Chen, 陳浩, CIE-USA - Thermoelectric Cooling Technology and Application.</p> <p>Prof. Kang Xi , 席康, NYU-Poly -Traffic Measurement and Analysis in an Organic Enterprise Data Center.</p> <p>Prof. D. Frank Hsu, 許德標, Fordham University - Cognitive diversity in perceptive informatics and affective computing.</p>	
2:00 ~ 3:30 PM	<p>2. Higher Education Session 高等教育研討會</p> <p>Organizer: Prof. Hui-Yin Hsu 徐慧茵, NYIT</p> <p>Chair: Prof. Shiang-Kwei Wang, 王向葵, NYIT</p> <p>Prof. Hsu-Min (Mina) Chiang 江旭敏, Columbia University- Providing Educational Support to Chinese-American Children with Autism Spectrum Disorders, 提供華裔美籍自閉症兒童教育服務.</p> <p>Prof. Ya-Ning Hsu 許雅寧, Columbia University - Bilingual Children' Reading at Home: Studies of Three Families, 雙語兒童家庭閱讀研究調查.</p> <p>Prof. Chao-Chih Huang 黃招智, St. John's U. -讓字動起來--漢字教學的新思維.</p> <p>Prof. Sheau-Yueh J. Chao, 賀筱岳, Baruch College, CUNY, Resource-sharing and Genealogical Research on Islamic Chinese Names in Guilin.</p>	Topaz, 7 th Floor
2:00 ~ 3:30 PM	<p>3. Economics and Finance Session 財經金融研討會</p> <p>Organizer: Prof. Steven Tung- Lung Chang 張東隆, Long Island University</p> <p>Chair: 蔡偉彥教授, 哥倫比亞大學</p> <p>Prof. Mike Chen-Ho Chao 趙貞和, William Paterson University - Examining Emerging Market Multinationals' Ownership Strategy in Cross-Border Mergers & Acquisitions.</p>	Diamond, 7 th Floor

(Continued on next page)

	Prof. Tung-lung Steven Chang 張東隆 - Competitive position of Taiwan's Technological Capability and Economic Growth.	
3:30 ~ 5:00PM	4. Technology and Applications Session 科技運用研討會 Organizer: Prof. Ping-Tsai Chung 鍾炳采 and Dr. Johnson Tseng 曾令寧 Chair: Prof. Feng-Bao Lin, 林豐堡, CCNY Mr. Guang-Nan Fanjiang 范姜光男, Weidlinger Associates, Inc. - A Few Unique Features of Brooklyn Bridge. David Wei, Chairman and CEO, 魏學常, USSolargy - Why SOLAR SYSTEM Now, 為何選擇太陽能能源系統. Mr. Kevin Wey, Registered Architect, LEED AP. 魏國勝 - Green Architecture & Green Design, 綠能建築及綠能設計.	Gallery, 7 th Floor
3:30 ~ 5:00PM	5. Biomedical Technology and Healthy Life Session 生醫科技與健康人生研討會 Organizer: Prof. Yue J. Lin 林友直, 聖若望大學 Chair: Paul Wang, 王新澤 MD, PhD Richard Lee, MD, Englewood Hospital Medical Center, New Jersey - Prostate Cancer Update 2013 and Prostate Facts & Myths. John Wang 王恩洲, Washington University in St. Louis and Paul Wang 王新澤, - Washington University Volunteers Experience the Care of Orphans with Birth Defects in Beijing,	Topaz, 7 th Floor
3:30 ~ 5:00PM	6. Sustainability and Protecting the Environment Session 永續性與環境保護研討會 Organizer/Chair: Dr. Moses Chang 張彰華 Mr. Jerry S.Y. Cheng 鄭向元 - America's Experience with Transit-Oriented Development Mr. Alexandre Remnek, US EPA Region 2, NY - Climate Change Impacts and Adaptation for the Water Sector in the Northeast United States.	Diamond, 7 th Floor

(Continued on next page)

	Mr. Robert Nyman, Director, New York-New Jersey Harbor & Estuary Program, US EPA NY - New Jersey Harbor & Estuary Program: Restoring an Urban Harbor.	
5:30 PM	Banquet Registration	Phoenix Ballroom 2 nd Floor
6:30 ~ 11:30 PM	<p><i>Banquet, Welcome Remarks, Keynote Speech, Awards, and Entertainment 晚宴</i></p> <p><i>Honorable Guests:</i> Ambassador Andrew J. C. Kao, 高振群大使 紐約台北經濟文化辦事處 Director General of the Taipei Economic and Cultural Office in New York</p> <p>Member of the United States House of Representatives, Grace Meng</p> <p>New York City Comptroller John C. Liu</p> <p><i>Banquet Keynote Speech:</i> Prof. Shu Chien 錢煦教授- Interplays between Science-Medicine-Technology and Humanity-Society 生醫科技與人文社會的互動 Departments of Bioengineering and Medicine and Institute of Engineering in Medicine, University of California, San Diego</p> <p><i>Entertainment Program</i> 弦樂四重奏，來音合唱團 - 臺灣小調，中國 及世界名謠，男女聲樂演唱。</p>	Phoenix Ballroom 2 nd Floor

(Continued on next page)

美東華人學術聯誼會

Chinese American Academic & Professional Society (CAAPS)

Celebrating 38th Anniversary

Interplays between Science-Medicine-Technology and Humanity-Society

生醫科技與人文社會的互動

Professor Shu Chien 錢煦教授

Departments of Bioengineering and Medicine and Institute of Engineering in
Medicine, University of California,
San Diego, La Jolla, California 92093-0412, USA

Abstract

Academic institutions are comprised of disciplines such as humanities, social sciences, natural sciences, life sciences, engineering, and medicine. There is a tendency of specialization for intellectuals to focus on their own fields, but there are considerable interplays among seemingly unrelated disciplines. Advances in science and technology have significant influences on society, economics and human health, and vice versa. Creation of art and music requires the coordination of physiological (mental and motor) functions and physical instruments, and their appreciation requires physiological cognitive functions. Artists' health can affect their creativity, and arts and music have healing power. The feedback control of physiological functions has analogous features as economic supply-demand. The behaviors of normal vs. abnormal cells in an individual can be compared with those of good citizens vs. deranged persons in a society. Understanding of the interplays between science-medicine-technology and humanity-society can shed new lights on the meanings of life and truth.

(Continued on next page)



Prof. Shu Chien 錢煦教授 is an eminent American biological scientist and engineer. He joined UCSD in 1988 and became the founding chair of the Department of Bioengineering in 1994. In 2008, Chien became the founding Director of UC San Diego's new Institute of Engineering in Medicine to foster collaborations among the faculty of UCSD and with research institutes and biomedical companies in San Diego. As principal investigator on the Whitaker Foundation Development Award (1993) and Leadership Award (1998), Chien played a major role in establishing UCSD's bioengineering program as one of the top programs in the country. As founding Director of the UC Systemwide Bioengineering Institute in California, he has contributed to collaborations in research and education among the ten UC campuses. In September 2006, Chien was named the inaugural holder of the Y.C. Fung Endowed Chair in Bioengineering at the Jacobs School. He is a member of the National Academy of Engineering, Institute of Medicine, National Academy of Sciences, and American Academy of Arts and Sciences. Chien won the US National Medal of Science in 2011. He received his M.D. from the National Taiwan University and his Ph.D. in Physiology from Columbia University, where he was a professor from 1969 to 1988.

CAAPS 2013 Distinguished Lifetime Achievement Award

卓越終身成就獎 Prof. Shu Chien 錢煦教授 —

1976年就已當選中央研究院院士的錢煦教授，有著集全美四大院 — 美國科學院、美國工程院、美國醫學院、美國文理科學院之院士於一身的殊榮（今時僅六名科學家獲此四院院士的證書，其中四人已退休，錢煦先生是目前兩位仍於任上的學者之一），錢教授更曾任多年「CAAPS美東華人學術聯誼會董事長」一職，為台灣及美國提攜及培養了許多學界優秀的後進。

錢煦教授簡歷：

1953年畢業於中華民國國立台灣大學

1976年當選第11屆中央研究院院士

2006年獲美國文理科學院院士證書，為首位集全美四大院之院士殊榮於一身的華人。

美國醫學科學院(1994)、美國工程學院(1997)、美國國家科學院(2005)

2009年榮獲中華民國總統科學獎（生命科學類）

2009 年陽明大學榮譽工學博士學位

2011年獲得美國政府頒發的最高科學榮譽獎「美國國家科學獎章」

2011年獲華中科技大學名譽博士學位

2012年獲美國哥倫比亞大學榮譽博士學位

錢煦教授現職：

錢教授現任美國加州大學聖地牙哥校區生物工程馮元楨講座教授（2006 至今）、生物醫學工程研究所所長(1990 至今)、美國加州大學總校教授（2002 至今）以及加州大學總校區生物工程研究院院長（2003 至今）。研究專長為循環生理學及生物醫學工程學。超過半世紀的學術研究歷程中，錢院士獲得無數學術肯定，被譽為「動力導致信息傳遞及基因表達機制」的先驅者。

(Continued on next page)

美東華人學術聯誼會



Chinese American Academic & Professional Society (CAAPS)

Celebrating 38th Anniversary

How I Did It: The Secret of Vizio's Success

Mr. William Wang 王蔚 先生
CEO, Vizio Inc.

39 Tesla, Irvine, CA 92618

Phone: 949-428-2525

Toll-Free: 888 VIZIO CE / 888-849-4623

Email : press@vizio.com

Twitter: [twitter.com/@VIZIOtv](https://twitter.com/VIZIOtv)

Twitter: [twitter.com/@VIZIOsupport](https://twitter.com/VIZIOsupport)

Facebook: facebook.com/VIZIO

Abstract

When the founder of TV-maker Vizio--soon to be a \$2 billion company--says it's not about the money, believe him. Surviving a fiery plane crash gives a man some perspective. In this talk, Wang will share his successful story for Vizio.

- In 2000, Wang survived the crash of Singapore Airlines Flight 006, suffering only carbon monoxide poisoning. The event proved inspirational: in his potentially final moments, Wang thought first of his family and second of all the business-related headaches that were suddenly gone. The tragedy provided an opportunity for Wang to reorganize his thoughts and his life. Within two years, Wang had closed down all of his businesses before entering the television market. In 2001, Gateway asked Wang to help put together a TV plan. Ted Waitt [Gateway's then chairman] had been one of Wang's customers at MAG, his former company and had become a mentor to Wang. Wang's team helped Gateway put together its 42-inch plasma TV

(Continued on next page)

system, priced at \$2999. Comparable systems at the time sold for upwards of \$6000. Not long after that, Wang decided to get into the TV business for himself. He started "V Inc." in 2002 with Laynie Newsome, Ken Lowe and \$600,000. His idea was to combine low prices with high quality and exceptional customer support, and to make this approach profitable through extremely lean operations. He had originally wanted to name it W Inc. after being impressed with the Hotel W during a stay there, but settled for V when he learned that W had already been copyrighted. Later when V Inc. was found to be hard to pronounce, he renamed the company VIZIO Inc. – the name used for their plasma TV. The company is now one of the largest sellers of LCD HDTVs in North America with \$2.5 billion in revenue in 2009 and a three-year growth rate of 295.12%.

References

- [1]. http://en.wikipedia.org/wiki/William_X._Wang.
- [2]. Wang, William (June 1, 2007). *"How I Did It: William Wang, CEO, Vizio"*. Inc.
- [3]. Ogg, Erica. *"The Secret of VIZIO's Success"*. CNET.com. CNET. Retrieved 10 Feb 2011.



Mr. William Wang 王蔚先生 is a

Taiwanese-born American entrepreneur. He is the founder and CEO of Vizio Inc. Wang was born and raised in Taiwan, moved to Hawaii, United States at the age of 13 and then to California at the age of 14. He attended the University of Southern California and graduated with a degree in Electrical Engineering in 1986. He received numerous awards include USC Alumni Merit Award, 2012, Forum for Corporate Director's Award for Enhancement of Economic Value, 2012, and Entrepreneur of the Year, The OC Register, 2011.

(Continued on next page)

美東華人學術聯誼會



Chinese American Academic & Professional Society (CAAPS)

Celebrating 38th Anniversary

文化的傳承與開展-報紙邁向數位世界

楊仁烽

世界日報北美總管理處總經理
兼世界日報紐約社社長

北美世界日報為北美最大的華文媒體。一步一腳印，一同伴隨華人社區共同成長，協助北美華人安心立命，也是華人在北美發展的歷史見證，累積北美華人共同的生活記憶。正派辦報的編採方針，News You Can Use 務實新聞取向，建構華人社區與主流社會的溝通橋梁，特別在移民、健保、教育與社會福利等華人關切議題著力最深，北美生活版關照各個層面的華人生活，世界周刊成為北美唯一的華人互動平台，廣受歡迎的家園版更成為兩岸讀者開闢難得的心靈家園。同時也是份有歷史感的質報，不管是上下古今版的歷史回顧，世報一直站在一定的歷史高度看問題替大時代留下難得的見證。並針對影響華人未來的焦點話題，五社連線推出願景工程，追求更多意見平台的美麗新世界。

報紙的經營面對未來數位匯流的快轉變化，讀者選擇資訊的多元，使得傳統媒體面臨極大的挑戰，台灣聯合報從幾年前就開始啟動轉型的希望工程，特別是前年自台北市中心搬遷到汐止後，更大力推動影音等多元資訊平台。世界日報從1999年推出世界新聞網，也為數位轉型打下良好基礎，2007年8月推出電子報；全真的報紙版面，網路的閱報平台；多元的媒體內容，數位化的閱讀功能，更讓未來世界數位版圖無限延伸。創刊38年的世界日報全力轉型為數位版圖而努力，特別是美國郵局郵遞品質日益低落的情況下，我們對於形塑未來的美麗新世界有一番新的思考。跳脫紙本舊有框架，跨越州界無限延伸，世報的版圖仍在擴充，沒有傳統紙媒疆界的限制，我們將大力朝向數位版圖推進，仍然維持北美最有影響力報紙。

(Continued on next page)



Mr. James Yang 楊仁烽先生 is Chief Executive Officer (CEO), World Journal (North America Operations) and President, World Journal (New York)

世界日報北美總管理處總經理兼世界日報紐約社社長

學歷：

美國密蘇里州立大學企管碩士
中興大學企管系畢業

經歷：

世界日報北美總管理處總經理兼世界日報紐約社社長 ----- (2013 年 3 月 1 日起)

聯合報系金傳媒集團執行長兼經濟日報社長

----- (2008 年 10 月 1 日 ~ 2013 年 2 月 28 日)

TOM 集團有限公司/出版事業部高級副總裁兼台灣城邦出版控股集團執行董事、集團總經理兼首席營運長

----- (2004 年 5 月 16 日 ~ 2008 年 8 月 31 日)

TOM.COM 高級顧問

----- (2002 年 5 月 16 日 ~ 2004 年 5 月 15 日)

年代網際公司執行常務董事、香港東風衛視董事長

----- (2001 年 5 月 1 日 ~ 2002 年 5 月 1 日)

聯合報副社長兼聯合晚報總編輯

----- (1996 年 9 月 16 日 ~ 2001 年 4 月 30 日)

聯合報系業務規劃處處長兼聯合報副社長兼聯合報業務管理部總經理

----- (1995 年 10 月 1 日 ~ 1996 年 9 月 15 日)

聯合報系業務規劃處處長兼聯合報副社長

----- (1995 年 1 月 1 日 ~ 1995 年 9 月 30 日)

聯合報副社長兼業務部總經理

----- (1991 年 11 月 4 日 ~ 1994 年 12 月 31 日)

聯合報業務部總經理

----- (1988 年 5 月 17 日 ~ 1991 年 11 月 3 日)

聯合晚報業務部總經理

----- (1988 年 1 月 1 日 ~ 1988 年 5 月 16 日)

(Continued on next page)

美東華人學術聯誼會



Chinese American Academic & Professional Society (CAAPS)

Celebrating 38th Anniversary

Oceans and Coral Reefs

Ching-Fong Chang 張清風

President, National Taiwan Ocean University, Keelung, Taiwan

國立臺灣海洋大學 校長

Abstract

Ocean, interconnectal mass of saltwater covering 70.7% of the surface of the earth (world ocean). The first appearance of life on the earth is occurred in the oceans 2-3 billion years ago. Throughout history humans have been directly or indirectly influenced by the oceans. Ocean waters serve as a source of food, valuable minerals, petroleum and energy, as a vast highway for commerce, and provide a place for both recreation and waste disposal. The oceans carry out about 50% global primary production and support the greatest biodiversity on the planet. Oceans are for people food supply by directly consumption or indirectly by harvesting fish that is then processed for livestock feed. It has been estimated that about 10% of human protein intake comes from the oceans (about 200 billion pounds caught per year). The oceans also are important for recreational use, as each year more people are attracted to the sports of swimming, fishing, scuba diving and boating. Therefore, the ocean is one of Earth's most valuable resources. Oceans are facing the serious problems mainly with eutrophication, ocean acidification and warming. Taiwan is surrounded by oceans, the importance of oceans is increasingly appreciated in Taiwan. National Taiwan Ocean University (NTOU) founded in 1953, a well-known key university, is emphasizing both teaching and research with a unique focus on ocean science & technology and maritime studies. NTOU is able to do the best to meet the challenges of ocean problems.

World ocean has 0.2% coral reefs. Coral reefs are important for biodiversity, natural beauty, fisheries, shoreline protection, pharmaceuticals, tourism, education, habitat for 1/3 of marine fishes, habitat for tens of thousands of other animals, the rainforest of the ocean. Coral bleaching is a global issue. Globally about 1% of corals are dying out each year. Climate change is one of the main causes of the disappearance of corals. Sexual reproduction of stony corals is among the most important means of establishing coral populations and coral recovery. However, thus far, little is known about the mechanism underlying coral reproduction (gametogenesis).

(Continued on next page)

We integratedly combined the approaches of cell biology, endocrinology, reproductive biology and marine biology to investigate the coral reproduction. We for the first time found the significant increases of specific hormones in corals during the period of spawning. We further characterized the germ cell development and oocyte growth (vitellogenesis) in corals. Our data shed light on the mechanism of gametogenesis and its control process in the sexual reproduction of corals. The studies provide important information to further solve the problems of coral reefs and oceans.



President Ching-Fong Chang 張清風校長 is

President of National Taiwan Ocean University (NTOU) (August 1, 2012-), 國立臺灣海洋大學 校長. He received M. S. (1982), Ph. D. (1986), Department of Animal Science, Washington State University, Pullman, WA, USA and received B. S. (1975), Department of Marine Food Science, NTOU. He served Deputy Minister, National Science Council, Taiwan (May 1, 2011-May 19, 2012), Director General, Department of Life Sciences, National Science Council (August 2007-July 2009).

His research interests are Reproduction, Endocrinology and Environmental Physiology in Aquatic Animals (Fish, Shrimp, Corals) He received “Distinguished research award” by the National Science Council, Taiwan (1991-1996, 3 times) and “Ten Outstanding Young People” by the National Junior Chamber, Taiwan (1993), Academic Award” by the Ministry of Education, Taiwan (2004), “National Chair Professorship Award” by the Ministry of Education (2006), and “Taiwan-France Science and Technology Award” by the National Science Council and French Academy of Sciences (2012).

(Continued on next page)

美東華人學術聯誼會

Chinese American Academic & Professional Society (CAAPS)

Celebrating 38th Anniversary

2013 CAAPS Awards

DISTINGUISHED LIFETIME ACHIEVEMENT AWARD

卓越終身成就獎

Professor Shu Chien 錢煦教授

THE MODEL OF ENTREPRENEUR

企業楷模獎

Mr. Williams Wang 王蔚 先生

Mr. James Pi 畢東江先生

DISTINGUISHED PROFESSIONAL ACHIEVEMENT

AWARD 傑出專業成就獎

Mr. James Yang 楊仁烽先生

THE FRIEND OF CAAPS 美東之友獎

Mr. Thomas Chen 陳秋貴先生

CONTRIBUTION AWARD 傑出貢獻獎

Professor Spencer Kuo 郭思平教授

SERVICE AWARD 傑出服務獎

Dr. Moses Chang 張彰華博士