

# National Cheng Kung University 2009 Technology Transfer Forum

August 15, 2009 9:15 am – 6:30 pm



## I. Organization, Challenge and Opportunity

Indrani Mukharji – Executive Director, Technology Transfer, Northwestern University  
Nancy Sullivan – Director, Office of Technology Management (OTM), University of Illinois at Chicago  
Malcolm R. Kahn – Vice President, Enterprise Development and Licensing at Stevens Institute of Technology  
Kung-Ming Chung – Director, Technology Licensing and Business Incubation Center, NCKU

## II. IP Valuation, Licensing and Commercialization

Benjamin Dibling – Project Manager, UChicagoTech  
Ruey-Jen Yang – Director General, Research and Service Headquarters (RSH), NCKU  
Cameron Gray – Vice President, ICAP Ocean Tomo  
Lewis Koppel – Managing Director, Ocean Tomo

## III. Luncheon – Keynote Speeches

Michael M.C. Lai – President, National Cheng Kung University  
David Chang – President Emeritus & Chancellor, Polytechnic Institute of New York University

## IV. Technology Transfer Legal Perspective

Emily Miao – Attorney at Law, McDonnell Boehnen Hulbert & Berghoff LLP

## V. Venture Capital Outlook

Hsing Kung – Partner, Acorn Campus Ventures

## VI. Entrepreneur Panel

Keh-Shew Lu – President, Diodes  
Robert Chen – President/CEO, RAE Systems  
Morris Young – CEO, AXT  
Paul Shieh – CEO/President, Biomedix  
M.S. Huang – President, Delta Electronics Inc. North America Operation

## VII. Taiwan Emerging Technology

Paul Wang – Director, Commercial Division, Taipei Economic & Cultural Office in Chicago

## VIII. NCKU.NET Global Platform

Jung-Jung Ou – Project Manager, NCKU Alumni Corresponding Center  
Yi-Feng Tseng – Information Engineer, NCKU Alumni Corresponding Center  
Wei-Tih Cheng – NCKU Alumni Mentoring Program Founder  
Liga Chen – President, NCKUAA N. California  
Lenny Lin – Vice President, NCKUAA, N. California  
Casey Yeh – President, NCKU.Net

## Session I Organization, Challenge and Opportunity

This panel will share a discussion on Organization, Challenge and Opportunity among four universities. This panel is chaired by Jesse Chen and Mou-Ying Fu.

### Indrani Mukharji

Under Dr. Mukharji's leadership in the past decade and a half, a user-friendly and self-supporting office for technology transfer was established and underwent tremendous growth at no net cost to Northwestern. New initiatives have led to an increasingly entrepreneurial milieu on campus. Evaluation of new ideas, rendering protection, targeted marketing to industry and the investment community for identifying commercial partners, business development assistance for spin-off companies, structuring and negotiating deals to ensure diligent commercialization of technologies towards launch of products for public benefit remain the primary objectives of the office.

Prior to assuming her current role, Dr. Mukharji spent 9 years with the Biotechnology Division of Amoco Corporation. Research, innovation, and product development led to two spin-off companies, IsoGen LLC and Vysis, Inc. Abbott Laboratories acquired Vysis, Inc., a cancer diagnostics company. Isogen LLC, specializing in carotenoids, was acquired by Monsanto. An inventor of 7 U.S. Patents with their foreign counterparts, her knowledge, experience, and skills to transition an idea from bench to the marketplace, the ability to work with innovative scientists within the constraints of university culture, and successful negotiating skills were instrumental in establishing the infrastructure for technology transfer at Northwestern in 1994, and advancing it to its current stage.

Dr. Mukharji obtained her bachelor's degree in 1976 from Wellesley College in Wellesley, Massachusetts, and her M.A/Ph.D. in 1982 from the Johns Hopkins University in Maryland.

### Nancy Sullivan

"Leverage University technologies and intellectual property to benefit society, catalyze economic growth and strengthen the University's education and research programs."

Ms. Sullivan serves as the Director of the Office of Technology Management (OTM) at the University of Illinois at Chicago. As Director, she leads a team of twelve professionals responsible for the identification, protection, marketing and licensing of intellectual property arising from the more than \$250 million in research conducted on the campus. Ms. Sullivan also works with a wide range of campus, corporate and community partners, furthering the office's mission to encourage innovation, enhance research and facilitate economic development.

Prior to joining the OTM, Ms. Sullivan was Senior Director of Business Development for KeraCure, an early-stage biotechnology company currently in clinical trials of a cell-based device for treatment of chronic wounds. Previously, Ms. Sullivan was Director of the Entrepreneurial Life Sciences Initiative at Northwestern University.

Ms. Sullivan earned her MBA from Northwestern University's Kellogg School of Management and a Master's in Biotechnology, also from Northwestern. She earned her BBA from Loyola University.

### Malcolm R. Kahn

Mr. Malcolm R. Kahn has been appointed VP for Enterprise Development & Licensing at Stevens Institute of Technology. In this capacity, Mr. Kahn will be responsible for the full cycle of business development at Stevens, from helping researchers and staff identify markets and technology applications, to the spawning, development and funding of Stevens' Technogenesis® Companies. He will also be working on establishing a development fund and an Angel Network to help better finance Stevens' technologies.

Kahn has been a serial entrepreneur of technology-based companies for more than 25 years. He has extensive experience in the fields of analytical and scientific instrumentation, membrane filtration, lab-on-chip technologies, and first-hand knowledge of the medical diagnostics, clean-tech, telecommunications, analytical instrument and biopharmaceutical markets.

"Malcolm Kahn's CV is an object lesson in innovative entrepreneurship," said Stevens' President Harold J. Raveche. "His expertise and involvement with the Stevens community will benefit our creative faculty who seek to bring better ideas to fruition in marketplace applications; he will also serve, through example and advocacy, as an outstanding role model and mentor to our highly entrepreneurial undergraduates."

Kahn began his career at Pfizer's Medical Diagnostics Division and then at Millipore before moving into start-ups. His initial career path was in finance before being involved in marketing, and ultimately in general management. Kahn's past companies include Kratos International plc, a mass-spectrometry, surface-analysis and liquid chromatography company, which he sold to Applied BioSystems (LC) and Shimadzu (MS & SA); Membrex, a membrane filtration company that he sold to Osmonics, which is now part of GE; and Sensicore, a lab-on-chip water-sensing technology company that he sold to GE.

He also sits on the boards of several start-up companies in the fields of Raman Spectroscopy, carbon nanotubes, sequencing using quantum-controlled femto-second lasers and mass spectrometers, and a predictive software company for analyzing water contamination. He also has successfully raised considerable venture capital funding for his companies, and he understands the full process of going from idea to delivered product.

### Kung-Ming Chung

Technology Transfer in NCKU

Dr. Chung is Director of Technology Licensing and Business Incubation Center (since 2008.08) and Director of Planning Division, Research and Services Headquarters (since 2006.08), NCKU. He is also the Research Fellow, Aerospace Science and Technology Research Center, NCKU.

Dr. Chung received his BS in Aeronautical Engineering, NCKU in 1983 and MS & PhD in Aerospace Engineering, University of Texas at Arlington in 1990 and 1992 respectively. His research interests are Experimental aerodynamics, Wind Engineering, Power Generation, and Renewable Energy.

### **Jesse Chen**

Jesse is Managing Director of Maton Venture, a Silicon Valley venture capitalist having strategic investors from US, Europe, Japan & Taiwan. Maton started in 1997 and has invested in 33 companies across Semiconductor, Software and other IT industries. Maton has had 5 IPO & 5 M&A. Jesse is also Chairman of AXT Inc., a NASDAQ company. Jesse served as CEO & President of BusLogic from 1988 till it was acquired in 1996. BusLogic designed & marketed chip, board & software for PC & storage industries. Before BusLogic, Jesse was engineer and engineering manager in Systel Inc. and Scientific Micro Systems Inc. from 1983 to 1988.

Jesse served as Chairman of the Monte Jade Science and Technology Association from 1997 to 1998 (Silicon Valley) and 1998 to 2000 (Global). Jesse chaired the first Monte Jade Investment Conference in 1996.

Jesse also received awards & recognitions from various organizations:

- Chinese American Economic & Technology Association
- Chinese American Semiconductor Professional Association
- NBI Chinese American Computer Association
- Silicon Valley Chinese Engineering Association
- Silicon Valley Taiwanese American Industrial Technology Association

Jesse received MSEE from Loyola Marymount University and BS Aeronautic Engineering from National Cheng Kung University in Taiwan.

### **Mou-Ying Fu**

Mou-ying Fu is Principal of AsiaVest Biotech, Inc., a venture capital investment consulting firm, and serves as CEO of CDIB Biotech, venture capitalist investing in Biotechnology. She invested in more than 20 companies, and has had 5 IPOs. Mou-ying is also Founder and President of Advangene Consumables Inc, manufacturing life science consumables. Prior to starting the biotech investment business, Mou-ying had 20 years of experience with life sciences and biotech industry, notably J&J and Abbott labs, encompassing medical and pharmaceutical research, clinical development, and technology licensing and acquisition. Her inventions led to two medical and pharmaceutical products put into market with annual sales of \$1.5 billion.

Mou-ying holds 20 US and International patents, and is author of over 100 scientific papers and book chapters.

Mou-Ying Fu earned her Master degree in Biochemistry and Ph.D in Organic Chemistry from Clarkson University in New York, and BS Chemistry from National Cheng Kung University in Taiwan.

## **Session II IP Valuation, Licensing and Commercialization**

This panel will share a discussion on the processes and methods of technology transfer via inventions and patents from research organizations to industries. Panelists will discuss patent valuation methodology, patent licensing process and sales of patent rights by public auction in a global arena. This panel is chaired by I-Fay Chang and Keh-Shew Lu.

### **Benjamin Dibling**

Benjamin Dibling joined UChicagoTech in 2004. In his role as Project Manager, Ben is responsible for leading the identification, evaluation, protection and commercialization of inventions arising from University of Chicago research. Ben manages a large portfolio of technologies from diverse scientific disciplines with a heavy focus on oncology, diabetes, and infectious disease.

In addition to Ben's work as a Project Manager at UChicagoTech, he also leads many other office initiatives, including outreach efforts designed to build relationships with U of Chicago faculty, as well as training and mentoring Associate Project Managers. Ben also works closely with University Research Administration to review licensing and confidentiality provisions in grant awards, material transfer, corporate sponsored, consulting, and clinical trial agreements.

Ben initially came to the U of Chicago in 2000 to conduct post-doctoral research at the Ben May Department of Cancer Research, where he investigated the regulation of cell death by JNK and NFκB signaling pathways and the regulation of cell death by retinoblastoma tumor suppressor gene. Ben also has prior industry experience developing novel anti-cancer agents within AstraZeneca's signal transduction group in the UK.

Ben holds a Bachelor's of Medical Science (Molecular and Cellular Biology) from the University of Birmingham and a Ph.D. in Clinical Medicine from the University of Leeds.

### **Ruey-Jen Yang**

The Strategy of NCKU's Academia-Industry Collaboration

R.-J. Yang worked from 1982 to 1993 as a Research Scientist, Engineer and Project Manager at Scientific Research Associates and Rockwell International. During those 11 years, he was involved in NASA, Air Force and DOD research projects. His technical accomplishments were cited as state-of-the-art in the advancement of propulsion technology by various magazines. For example: (a) NASA Tech. Brief (page 6&74) Dec., 1991, (b) Aerospace America (page 43)--published by AIAA, July, 1990, (c) Air Force (cover)--published by AirForce Assn., Jan., 1990, and (d) Threshold--published by Rockwell Int'l., His work on the Space Shuttle Main Engine powerhead analysis was also selected for exhibition in the National Air and Space Museum Smithsonian Institute Gallery -- Beyond the limit, Flights Enter the Computer Age, 1989. He moved back to Taiwan in 1993 and now he is a Distinguished Professor of Engineering Science Department at National Cheng Kung University (NCKU). He is also the Director General of NCKU's Research and Service Headquarters, in charge of more than 50 research centers. His research interests are microfluidic/nanofluidic systems, energy conversion, computational fluid dynamics and fluid/thermal sciences. He has over 100 journal paper publications and over 1000 citations.

R.-J. Yang obtained Ph.D. from U. C. Berkeley in 1982.

### **Cameron Gray**

"Intellectual property monetization is increasingly important to universities, government, large corporations, and small businesses." Dr. Gray will discuss market trends in IP monetization and preferred transaction mechanisms for IP owners. Cameron Gray is a VP in ICAP Ocean Tomo's Chicago office. He previously worked in both the Expert Testimony and Investment practice groups at Ocean Tomo, and in the management team for The Intellectual Property Exchange International, a company founded by Ocean Tomo and intended to create the world's first IP-focused exchange. In addition, Mr. Gray worked closely with the risk management and federal services groups at Ocean Tomo. He has published in The Licensing Journal and Intellectual Asset Management and has spoken frequently on intellectual property issues at a number of conferences.

Prior to joining Ocean Tomo, Mr. Gray was Managing Director with Promontory Interfinancial Network, a private company offering liability solutions to banks. His role included sales, trading operations and new product development. During his work with Promontory, he developed and managed the firm's Treasury Desk and established firm-wide pricing for bank funding. Prior to this, Mr. Gray traded bonds and derivatives at Watermark Group, a relative value hedge fund, focusing principally on the Japanese market from 1998 to 2002. His responsibilities included trade idea origination, trade execution, market coverage, and research.

Mr. Gray holds a B.A. in Physics from Princeton University, a Ph.D. in Biophysics from the University of Virginia and a J.D. from The George Washington University School of Law. Mr. Gray's doctoral research focused on virology, protein structure-function studies, spectroscopy, and drug delivery. After receiving his Ph.D., he briefly worked for both Caltech and the Cold Spring Harbor Laboratory as a postdoctoral researcher in neurobiology. Mr. Gray focused his legal studies on intellectual property law, corporate law, and securities law.

### **Lewis Koppel**

An overview and comment on valuation concepts within the intellectual property marketplace.

Lewis Koppel is Managing Director at Ocean Tomo responsible for the company's valuation practice. His appraisal work has focused on IP-based business transactions including IP portfolio analysis, target/partner selection, strategic due diligence, negotiations, deal structuring and closure. Post transaction, Dr. Koppel has been involved in several royalty audits.

Prior to joining Ocean Tomo, Dr. Koppel was a VP at an international consulting firm focused on economic, financial and business issues. He previously worked in the chemicals and advanced materials industries, where he had experience in corporate strategic and business planning as well as new product development. Dr. Koppel's operational experience includes technology assessment and the economics of long-term business plans for investment alternatives.

### **I-Fay Chang**

Dr. Chang is an inventor, research scientist and an educator with many years of academic and industrial experience. Started his career with a dual job as an assistant professor with Syracuse University and as an engineer with IBM, he has traversed both the academic and industrial path. Over 30 years tenure with IBM, He worked as an engineer, research staff member, manager, director and senior manager principally at the IBM T. J. Watson Research Center. External to IBM, he has been invited by the Computing Center of the Executive Yuan, Taiwan, Republic of China as a consultant for office automation and by the Computer Board of Singapore Government and National University of Singapore participated in Singapore's IT2000 plan creating an information technology research institute (Institute of System Science at NUS, ISSStory).

One of the highlights in his leadership and creativity has been demonstrated by the completion of an Intelligent Public Information System (IPIS), an embryo of today's world wide web. In IBM, he has chartered the application research and created the Application Solution Institute within TJ Watson Research Center to steer IBM into focus on customer requirements and application research by completing the development of IBM's Image Document Management, Managed Care and Clinical Information Systems. Post IBM, he was invited by the Polytechnic University in Brooklyn to create an academic and industry collaborative research institute (P.R.I.D.E.) devoted to his ideas of improving and transforming education, developed the world's first complete online education system known as I-CARE (I-Care Story System Requirement), exploiting advanced Internet technologies including his creation of i-phone, and fostered an entrepreneur incubation environment. While serving as the executive director of PRIDE and an Industry Professor at the Computer Science Department he also served as the Dean of the Graduate Center of Polytechnic University at Westchester Campus. Presently, Prof. Chang is the CEO and President of TLC Information Services, a company he established to bring information technology to help schools and small businesses along with serving the Somers District school board and policy board of the Westchester Putnam Teacher Center.

### **Keh-Shew Lu**

Dr. Lu was appointed President and CEO of Diodes Inc. in June 2005 after serving on the Board since 2001. He is also a board member of Lite-On Technology Corp., a publicly held company in Taiwan, as well as LedEngin Inc., Lorentz Solution Inc. and Nuvoton Technology Corp., three privately held companies. Dr. Lu is the founding Chairman of the Asia American Citizen's Council, a board member of the Texas Tech foundation and a board member of the Advisory Board to the Southern Methodist University's Asian Studies Program. From 2001 to 2005, Dr. Lu was a partner of the WK Technology Venture Fund. From 1998 to 2001, he served as Senior VP of TI and GM of Worldwide Mixed-Signal and Logic Products. His responsibilities included all aspects of the analog, mixed-signal and logic products for TI worldwide business, including design, process and product development, manufacturing and marketing. From 1996 to 1998, Dr. Lu was the manager of TI's worldwide memory business. In addition, he served as the President of TI Asia from 1994 to 1997 where he supervised all of TI activities in Asia, excluding Japan.

Dr. Lu holds a BSEE degree in engineering from the National Cheng Kung University in Taiwan, and a Master's degree and a Doctorate in Electrical Engineering from Texas Tech University.

## **Session III Luncheon Keynote Speakers: President Michael M.C. Lai and Chancellor David C. Chang**

**Michael M.C. Lai**

### **“National Cheng Kung University in 21<sup>st</sup> Century”**

Dr. Lai is a world-renowned molecular virologist, with special expertise in the studies of the RNA viruses. He received an M.D. degree from National Taiwan University and a Ph.D. degree in Molecular Biology from UC Berkeley in 1973. Upon his graduation, he joined the faculty at the University of Southern California (USC) and spent his entire career at USC until his return to Taiwan in 2003 to assume the position of Vice President and Distinguished Research Fellow of Academia Sinica. In his 30-plus years of academic career, Dr. Lai established himself as a foremost virologist on the international stage. He has excelled in not just one virus, but in three different disparate and medically important viruses, including coronavirus, hepatitis delta virus (HDV) and hepatitis C virus (HCV). Regarded as a pioneer and a leading investigator in the coronavirus and HDV research in the world for the past twenty years, he has made numerous seminal contributions to the understanding of the molecular biology and pathogenesis of the coronavirus, which causes Severe Acute Respiratory Syndrome (SARS) among other diseases, and is an author of many textbook chapters on coronavirus. In 2007 he became the President of National Cheng Kung University, the second largest public university in Taiwan.

Dr. Lai has been recognized by many awards and stellar standings in professional societies. He was elected to the membership of Academia Sinica, American Academy of Microbiology and TWAS (The Academy of Sciences for the Developing World). Furthermore, he has served as an editor of the journal *Virology* for 13 years, the first Asian to have done so. He has served on the editorial boards of many other scientific journals. From 1990-2003, he was appointed as a Howard Hughes Medical Institute Investigator. He received Lifetime Achievement Awards from USC in 2008 and from Society of Chinese Bioscientists in America in 2009.

Dr. Lai is a biomedical leader in Taiwan. He directed National Research Program for Genomic Medicine from 2004-2007. He also serves on the Board of Trustees at National Health Research Institute, Board of Trustees at Industrial Technology and Research Institute. He is currently the Editor-in-Chief for *Journal of Biomedical Science*.

**David C. Chang**

### **“Trending Toward Global Collaboration & IP Creation in Higher Education”**

The underlying premise of a university to educate citizenry and conduct basic research has been severely challenged in this era of economic crisis and international competition. Academic leaders are to come up with paradigm shifts. Global collaboration, technology transfer and IP Creation are all key ingredients in meeting that challenge.

Those universities who manage to make the kind of paradigm shifts needed, will emerge as the clear leader in the 21st Century.

Dr. Chang will first provide some historical perspective about the evolution of higher education to where it is today, followed by some observations regarding the shortcomings of the prevailing educational practices. He will then describe some of the initiatives being implemented at his institution and elsewhere to meet the challenge described above.

Dr. Chang was appointed President Emeritus & Chancellor, Global Programs in 2005 at Polytechnic University (now Polytechnic Institute of New York University) after serving 11 years as its president. Previously he was Dean of the College of Engineering at Arizona State University, and Chairman of ECE Department at the University of Colorado. Dr. Chang was elected Fellow of the Institute of Electrical and Electronics Engineers (IEEE) in 1985 and received its Third Millennium Medal in 2000. He is a past President of IEEE Antennas and Propagation Society, and Chair of U.S. National Committee of the International Scientific Radio Union.

Dr. Chang recently co-founded the Joint Institute for Innovation & Entrepreneurship between his institution and Nanjing University in 2008, and has served as its Chair. Other professional activities include serving as a trustee for the American Councils for International Education and a member of NYC Panel for Educational Policy, an oversight body for the nation's largest school system.

Dr. Chang is a member of the Council on Foreign Relations, and also Committee of 100, serving the latter as a National Vice Chairman. Dr. Chang is also on the board of two publicly listed companies, Time Warner Cable and AXT. He received his BS in Electrical Engineering from National Cheng Kung University, and PhD in Applied Physics from Harvard University.

## **Session IV Technology Transfer Legal Perspective**

This panel is chaired by Lawrence Yum.

**Emily Miao**

“For many start-up technology businesses, one of the most pressing concerns for the business owner is raising cash to develop and commercialize their proprietary technologies. Before investors and strategic alliance partners make a decision to invest in such companies, they typically perform due diligence to assess the value of the intellectual property (IP) portfolio surrounding the technology.”

Dr. Miao will be discussing the various forms of IP, the basic steps of an IP due diligence review and how a business owner can prepare for the review, what issues may arise during a review that could concern the investors, and how the business owner can address these issues.

Emily Miao has broad experience in all aspects of intellectual property practice, including patent and trademark procurement and portfolio management; client counseling on validity, infringement, freedom-to-operate (FTO), due diligence reviews and patent strategy matters; and licensing/secretory agreements. She represents many companies both large and small and is particularly experienced in representing start-up companies in both prosecution, counseling and licensing.

Dr. Miao spoke at the Arizona State University 2008 Strategic Alliance workshop on issues relating to intellectual property protection for start-up companies applying for SBIR/STTR grants. Dr. Miao also participated in the panel on "Analysis of a Technology License Agreement" at Patent Law Institute's 2008 Advanced Licensing Agreements conference. She has served as a judge at the annual Northwestern University Venture Challenge and is a member of the MIT Enterprise Forum of Chicago and the Midwest Entrepreneurs' Forum. She also blogs at [ResourceNation.com](http://ResourceNation.com), one of the premier blogs for entrepreneurs and start-up businesses.

Dr. Miao's Education: PostDoc. (MIT), Ph.D. (NYU), J.D. (Kent-Chicago), B.S. in Chemistry & Biology (NYU)

### **Lawrence Yum**

Lawrence received BSEE degree from National Cheng Kung University in Taiwan and an MBA degree in Hong Kong. He also earned an MS degree at the University of Hertfordshire, U.K. In 1983, he founded a company in Hong Kong marketing and servicing electronics production equipment imported from USA and Japan. In 1995, he became a Legislator in Hong Kong. He received a Certificate from the Kennedy School of Government, Harvard University, after finishing the Program for Senior Managers in Government. He now runs Acobest, Inc. in metro-Chicago.

## **Session V Venture Capital Outlook**

This panel is chaired by Tommy Shwe.

### **Hsing Kung**

Dr. Hsing Kung is a well-respected community leader and a successful entrepreneur. His family has resided in South Bay for thirty years and always actively involved in community work.

From 1974 to 1978, he was with Optoelectronics Division of Hewlett Packard. In 1983, Dr. Kung joined SDL Inc. as co-founder and VP manufacturing. SDL has become a world leading optical communication company. In 1997, he joined American Xtal Technology (AXT) as Sr. VP, Business Development. In 2002, he founded Pine Photonics Communication and served as President/CEO until acquired by Opnext. Then he served as Sr. VP of Opnext until 2005. From 2006, he is managing partner of Acorn Campus Ventures. Currently, he serves as Chairman of Luxnet Corporation and on the board of several optoelectronics companies.

In recent years, Dr. Kung has devoted to promoting Chinese-American participation in main stream community. As a District Board member, he made significant contribution to promote multi-culture climate in high schools. In addition, he was involved in many other community programs and foundations. Currently, he serves on Foothill DeAnza Foundation Board and American Leadership Forum Silicon Valley Board. Recently, he was invited to join the founding board of 1stACT, a venture to enrich arts and culture in Silicon Valley.

In January 2007, he was awarded "Community Hero" by World Journal. In 1997, he received Distinguished Alumni Award from Northern American National Cheng Kung University Alumni Association. In addition, Dr. Kung has received numerous community awards. In February 2006, San Jose Mercury had a feature story on Dr. Kung's involvement in broadening the reach of Asian Americans beyond the high tech world and to build ties with other communities.

Hsing Kung received a BS degree from National Cheng Kung University, a Ph.D from UC Berkeley, both in Electrical Engineering. He also received a MBA degree from Santa Clara University.

### **Tommy Shwe**

Currently: Chairman/CEO NCKU.NET, President, NCKU N. America Foundation

#### **Positions Held:**

- President/CEO, Media Group Inc.
- Vice President, RAE Systems
- Cupertino School Board Member and Board President
- Cupertino Community Services Board Member and Board President
- Cupertino Chamber of Commerce Board Member & VP
- SF bay Area San Dong Assoc. Board member & President
- NCKUAA N. Ca. Board Member & President
- Founder & Board President, Silicon Valley Chinese Schools

#### **Accomplishments/Contributions:**

- Pioneer in political involvement in Cupertino area. Currently, there over 20 elected Chinese-Americans in the area.
- Started the first Chinese School in Cupertino with 73 students and it grew into 3 large schools with over 3000 students.
- Organized the 1992 & 1994 Worth Youth Wei-Chi("GO") Tournament in San Jose with over 16 countries participating.
- Successfully initiated the Confucius celebration by the San Dong Assoc. to merge with the Teacher of the year award by the Chinese Schools into one large annual ceremony.
- Organized and led the NUKU N. Cal. to the overall Chinese American Athletic Tournament Championships in 1999, 2000 & 2002.
- Initiated and led to the successful development of NCKU.NET.

#### **Awards:**

- Unsung Hero Award of NUKUNAFA, 2001
- Bay Area Outstanding Community Contribution Award, 2000
- Paul Harris Fellow Award from Rotary, 1999
- Organization of Chinese American Community Service Award, 1991
- SF Bay Area Service-to-mankind of the year award, 1990
- City of Cupertino Civic Service Award, 1989

## **Session VI Entrepreneur Panel**

This panel is chaired by Tommy Shwe.

**Keh-Shew Lu:** See Session V co-chair listed above

**Robert I-Chih Chen**

Since 1993, Mr. Chen is Co-Founder, President, Chairman & CEO of RAE Systems Inc, a public company listed on NYSE & Amex (symbol RAE) and a leading global developer and manufacturer of rapidly-deployable, multi-sensor chemical and radiation detection monitors and networks for oil and gas, environmental, government, civil defense, and industrial applications.

In 1981- 1991, Mr. Chen was Founder, President, Chairman & CEO of Applied Optoelectronic Technology Corp., a company that designs and manufactures computer-added testing equipment for optoelectronics, power integrated circuits in consumer, industrial and military applications. The company was acquired by Hewlett Packard Instrumentation Group. Mr. Chen served as General Manager of the Division for two years at HP.

In 1973 - 1981: Mr. Chen held various engineering and management positions in GM, GE, Tektronix, Fairchild Semiconductor and HP.

Mr. Chen currently serves on the board of Monte Jade, a Silicon Valley High-Tech, Professional Organization. He was on the board of directors for the Shanghai Ericsson Simtek Electronics Co. Ltd. In addition, Mr. Chen has served on the board of several high-tech companies in Silicon Valley and several joint venture companies in China. He was a founding member of Asian American Manufacturers Association and former Director on the board.

Mr. Chen's education:

1989-1992: Harvard Graduate School of Business - Owner President Program, Massachusetts

1984: Stanford Graduate Business School – CEO Program, California

1977: Advanced Engineering Degree, Syracuse University, New York

1974: Purdue University – General Motors MBA program, Indiana

1973: MSEE, South Dakota School of Mines and Technology

1970: BS Electrical Engineering, Taiwan National Cheng Kung University

**Morris Young**

Dr. Morris S. Young is the founder and Chief Executive Officer of AXT. Dr. Young co-founded AXT in 1986 and served as President, CEO and Chairman of the Board from 1989 to 2004. From 2004 to 2006, he served as CEO of AXT China Operations and Chief Technology Officer. In 2007, Dr. Young retired from AXT management, but continued to serve on the Board of Directors. In July 2009, Dr. Young was re-appointed as the CEO of AXT. Prior to founding AXT, Dr. Young served as a physicist at Lawrence Livermore National Laboratory. Prior to his tenure at Lawrence Livermore National Laboratory, Dr. Young served as a member of technical staff at AT&T Bell Labs.

Dr. Young holds a Bachelor of Science degree in Metallurgical Engineering from Cheng Kung University, Taiwan, a Master of Science degree in metallurgy from Syracuse University, and 1975 a Doctor of Philosophy degree in Metallurgy from Polytechnic Institute of New York University.

**Paul Shieh**

Dr. Paul Shieh has been appointed to CEO/President of Biomedix, Inc since 1990. He was the cofounder and Vice chairman of Biomedix, Inc when the company established in Dec 1989.

He held the professorship at University of California, Berkeley from 1975 to 1985. His biosensor research has led to the invention and commercialization of glucose and cholesterol dry reagent strip in the medical diagnostic application. At the present time, Biomedix, Inc is devoting its major effort producing leading edge diagnostic devices such as diabetes and cardiovascular assessment products. Its cholesterol product, in particular, has been ranked top among the world leading key producers.

**M.S. Huang**

M. S. Huang is the President of Delta U.S.A. He joined Delta Electronics, Inc. in 1984. Throughout most of his career, he has worked in the U.S. to develop business for Delta's products in power conversion and management, components, industrial automation, video display systems, renewable energy, automotive, networking, etc. He has extensive experience in sales and marketing in the OEM/ODM and channel business. Delta U.S.A. has 11 offices, one power electronics research center and one manufacturing plant located in Tijuana, Mexico. Delta U.S.A. is also responsible for the company's business development in Latin America. Following Delta's corporate mission to provide innovative, clean and efficient energy solutions Delta U.S.A. is very actively promoting its renewable energy and high efficiency products to help slow down the global warming.

M. S. Huang received a B.A. degree from Feng Chia University in Taiwan in 1982.

**Tommy Shwe:** See Session V chair listed above.

**Session VII Taiwan Emerging Technology**

This panel is chaired by Lawrence Yum.

**Paul Chen-Fu Wang**

Emerging Industries Mean Investment and Trade Opportunities in Taiwan.  
Director, Commercial Division of Taipei Economic and Cultural Office

Paul C. F. Wang serves as Director, Commercial Division, Taipei Economic and Cultural Office in Chicago since February 2006. He is responsible for developing a close business tie between Taiwan and the U. S. Midwest. His public service includes Commercial Attaché at Taiwan's Embassy in South Africa, 1979-1987, Deputy Director at Taiwan's Investment and Trade Office in New York, 1990-1996, and Director of Commercial Division at Taipei Economic and Cultural Office in Houston, 1996-1998.

Paul holds Bachelor and Master degrees in Economics from National Taiwan University.

**Lawrence Yum** : See Session IV chair listed above.

### **Session VIII NCKU.NET Global Platform**

This session is chaired by Tommy Shwe.

Established as an open platform for university and alumni to network and to share information about alma mater development, career and business opportunity. Alumni mentoring program forges a bond between a recent graduate and senior alumnus.

**Jung-Jung Ou** – Project Manager, NCKU Alumni Corresponding Center

**Yi-Feng Tseng** – Information Engineer, NCKU Alumni Corresponding Center

**Wei-Tih Cheng** – NCKU Alumni Mentoring Program Founder

**Liga Chen** – President, NCKUAA, N. California

**Lenny Lin** – Vice President, NCKUAA, N. California

**Casey Yeh** – President, NCKU.Net