

泛華統計協會 會刊

International Chinese Statistical Association



Bulletin

July 1992

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會長報告

李昭勝

泛華統計協會於五月二日在Rutgers University, New Brunswick, New Jersey舉辦應用統計學術研討會。討論的範圍廣泛，包括統計學在生物方面的應用(特別是製藥界)，工業及商業界的應用(詳情請參閱所附的Symposium Program)除了學術研討之外，我們也希望會員們能借此機會增進聯誼，共約一百二十人參與盛會。首任會長刁錦寰教授也特地從芝加哥趕來致詞。參加的會員來自台灣、加拿大及美國各地區，不管是主講人或是聽眾，個個都非常高興，會議非常成功，最令人欣慰的是，數位會員特地告訴主辦人員，我們的研討會遠比美國統計學會的年會好些。在此我要謝謝Organizing Committee及Local Arrangements Committee的鼎力幫忙，更要謝謝幾位同仁的太太幫忙準備食物。

今年的第二件大事是泛華與中研院統計所合辦的中華統計學誌(Statisticica Sinica)。第二期合約已簽妥(請見附件)，這次合約是傳權代表ICSA與中研院統計所經過半年商議的結果，並經統計所財務會及ICSA Publication Committee(董永良 Chair)通過。在此謝謝兩位同仁的辛勞。第二期合約明定學誌理事會由十三人組成，由中研院統計所推舉七人，泛華推舉六人，任期三年。下列六名會員同意參與學誌理事會：張健天，鄭惟孝，周元燊，李昭勝，刁錦寰，董永良。

在財務方面，我們非常感謝許多熱心會員的慷慨捐款(名單請見捐款人名單)。也希望會員們鼓勵尚未加入泛華的中國統計同仁參加我們的行列。

SYMPOSIUM COMMITTEES

ADVISORS: Y.S. Chow, James Fu, George C. Tiao
Jia-Yeong Tsay, Grace Yang

CHAIRPERSON: Jack C. Lee

REGISTRAR: Shein-Chung Chow

TREASURER: Fanny Y.C. Ki

ORGANIZING COMMITTEE: Siu-Tong Au
Chuck N. Chen
Smiley Cheng
Gregory Chow
Shein-Chung Chow (Co-Chair)
Crystal Horng
Thomas Hsiang
Der-Ann Hsu
Jiann-Ping Hsu
Dar-Shong Hwang
Irving K. Hwang
Gordon Lan
Cheng-Few Lee
Kung-Yee Liang
Cliff Meng
Jia-Yeong Tsay (Co-Chair)
Yi Tsong
L.J. Wei
William Wei
Jeff Wu
Chiao Yeh

LOCAL ARRANGEMENTS COMMITTEE

: Chuck N. Chen
R.R. Chen
Shein-Chung Chow
Fanny Y.C. Ki
Cheng-Few Lee (Chair)
Kao-Tai Tsai
Cun-Hui Zhang

PROGRAM

Saturday, May 2

Program Chair: Jack C. Lee 李昭勝
Bell Communications Research

Program Co-Chairs: Shein-Chung Chow 周賢忠
Bristol-Myers Squibb Company

Jia-Yeong Tsay 蔡嘉永
National Institutes of Health

Local Arrangement Chair: Cheng-Few Lee 李正福
Rutgers University

8:00 a.m. - 9:00 a.m. Registration, Coffee and Donuts

9:00 a.m. - 9:15 a.m. Welcome & Opening Remark

Jack C. Lee 李昭勝
Bell Communications Research

George C. Tiao 刁錦寰
University of Chicago

9:15 a.m. - 12:15 p.m. Sessions A, B, C, and D

12:15 p.m. - 1:45 p.m. Lunch

1:45 p.m. - 4:45 p.m. Sessions E, F, G, and H

4:45 p.m. - 6:00 p.m. Reception

Note that Sessions A, C, E, and G will be held at CMD-A, while Sessions B, D, F, and H will be held at CMD-B.

SESSION A

REVIEWING DRUG EFFICACY & SAFETY DATA

Organizer: Yi Tsong 莊易
Chair: Kung-Yee Liang 梁廣義

9:15 a.m. - 9:45 a.m. James H.M. Hung 洪賢明
Food & Drug Administration
Comparative studies of combination therapies in unbalanced factorial trial.

9:45 a.m. - 10:05 a.m. Karl K.F. Lin 林崑峰
Food & Drug Administration
Methods of adjustment for effect of multiple tests in animal carcinogenicity study.

10:05 a.m. - 10:30 a.m. Yi Tsong 莊易
Food & Drug Administration
Safety data in clinical trials.

SESSION B

STATISTICAL APPLICATIONS IN INDUSTRY - I

Organizer: Chuck N. Chen 陳忠年
Chair: S. Crystal Horng 洪小茹

9:15 a.m. - 9:35 a.m. Chuck N. Chen 陳忠年
Bell Communications Research
Advertising effectiveness on telephone usages.

9:35 a.m. - 9:55 a.m. Siu-Tong Au 區少棠
AT&T Bell Laboratories
Segmenting the telecommunication market.

9:55 a.m. - 10:15 a.m. Jyh-Jen Shiau 洪志真
AT&T Bell Laboratories
On defect counting: clustering and other issues

10:15 a.m. - 10:35 a.m. Yuchung Wang 王友鐘
Academia Sinica
Entropy A performance measurement independent of adjustment.

SESSION C

INTERIM ANALYSIS IN CLINICAL TRIALS

Organizer: Irving K. Hwang 黃克歐
Chair: Irving K. Hwang 黃克歐

- 11:00 a.m. - 11:25 a.m. K.K. Gordon Lan 藍光國
George Washington University
Implementation of group sequential
methods in clinical trials.
- 11:25 a.m. - 11:50 a.m. W. Joseph Shih 施維中
Merck Sharp & Dohme
Sample size re-estimation in clinical
trials.
- 11:50 a.m. - 12:15 p.m. Myron N. Chang 張湄男 & J. Shuster
University of Florida
Interim analysis for randomized clinical
trials: simulating the predictive
distribution of log rank test statistics.

SESSION D

STATISTICAL APPLICATIONS IN INDUSTRY - II

Organizer: S. Crystal Horng 洪小茹
Chair: Siu-Tong Au 區少棠

- 11:00 a.m. - 11:25 a.m. J.C. Wang & Jeff Wu 王榮超 & 吳建福
Western Michigan & Waterloo Universities
Nearly orthogonal arrays and its
applications in quality experiments.
- 11:25 a.m. - 11:50 a.m. Dennis Lin 林共進
University of Tennessee
Economical experimental designs.
- 11:50 a.m. - 12:15 p.m. Thomas Hsiang 向傳心
Universal Food Corp.
Statistician's role in the implementation
of total quality management.

12:15 p.m. - 1:45 p.m.
LUNCH

SESSION E

STATISTICAL CAREER OPPORTUNITY IN THE
PHARMACEUTICAL INDUSTRY

Organizer: Jiann-Ping Hsu 徐建萍
Chair: Jiann-Ping Hsu 徐建萍

- 1:45 p.m. - 2:10 p.m. Alice Hsuan 李載湄
Janssen Pharmaceuticals
The transition from school to industry.
- 2:10 p.m. - 2:35 p.m. David C. Huang 黃曲
The Upjohn Company
Personal experience of a career in the
pharmaceutical industry.
- 2:35 p.m. - 3:00 p.m. L.J. Wei 魏立人
Harvard University
Some thoughts about the biostatistics
programs in universities.

SESSION F

FINANCIAL STATISTICS

Organizer: Cheng-Few Lee 李正福
Chair: William Wei 魏武雄

- 1:45 p.m. - 2:10 p.m. Ren-Row Chen & Louis O. Scott 陳仁遠
Rutgers University & University of Georgia
Maximum likelihood estimation for a
multi-factor equilibrium model of term
structure of interest rates.
- 2:10 p.m. - 2:35 p.m. Marvin J. Karson, David C. Cheng, and
Cheng-Few Lee 李正福
University of New Hampshire, University of
Alabama, and Rutgers University
Sampling distribution of the relative
risk A version estimator: theory and
application.
- 2:35 p.m. - 3:00 p.m. Chin-Wen Hsin 辛敬文
Baruch College
Estimation of a two-factor interest rate
process with an exact discrete time
model.

SESSION G

RECENT STATISTICAL ISSUES IN THE
PHARMACEUTICAL DEVELOPMENT

Organizer: Chiao Yeh 葉翹
Chair: S. Peter Ouyang 歐陽蘇

- 3:30 p.m. - 3:55 p.m. Cheng-Tao Chang 張正道
Sandoz Research Institute
Statistical issues in bioavailability/
bioequivalence studies.
- 3:55 p.m. - 4:20 p.m. Bee-Lian Chen 陳必廉
Hoechst-Roussel Pharm.
Applications of population
pharmacokinetics in drug development.
- 4:20 p.m. - 4:45 p.m. Jen-Pei Liu 劉仁沛
Berlex Laboratories Inc.
Statistical issues in stability studies

SESSION H

APPLIED ECONOMETRICS

Organizer: Gregory Chow 鄒至莊
Chair: Gregory Chow 鄒至莊

- 3:30 p.m. - 3:55 p.m. Larry Lang
New York University
Testing alternative hypotheses of asset
market equilibrium under asymmetric
information.
- 3:55 p.m. - 4:20 p.m. J. Y. Campbell & Jian-Ping Mei 梅建平
New York University
Where do betas come from? asset price
dynamics and the sources of systematic
risk.
- 4:20 p.m. - 4:45 p.m. Gregory Chow 鄒至莊
Princeton University
Dynamic optimization without dynamic
programming with econometric
applications.

STATISTICA SINICA

中華統計學誌第二期合作辦法

1. 本期刊定名為“中華統計學誌”，英文名稱為“STATISTICA SINICA”，簡稱學誌。
2. 學誌由中央研究院統計科學研究所（以下簡稱研究所）及泛華統計協會（INTERNATIONAL CHINESE STATISTICAL ASSOCIATION）（以下簡稱協會）合辦。
3. 學誌理事會由十三人組成，由研究所推舉七人及協會推舉六人，任期三年。理事長一人、秘書及財務二人，由全體理事互推，理事長對外代表學誌。
4. 理事會負責制定學誌之政策，並聘請學誌之總編輯。總編輯需經理事會九位理事以上通過任命，任期三年。
5. 學誌編輯工作人員之組成為：總編輯一人；副編輯約二十人，由總編輯任命；執行編輯二人，一人由統計所任命；另一人由協會任命。任期均為三年。
6. 為維護學術之獨立性，研究所及協會均不干涉學誌之編務。
7. 學誌暫定為每年兩期，每期約300頁，發行約5000份，以英文發行。
8. 學誌之經費，由研究所及協會按年編列預算，費用（包括實務及勞務）之比率約為60與40之比。
9. 學誌每期發行量中，40%無償交由協會處理，其餘60%由研究所處理。
10. 發行收入，由研究所及協會依實務支出比例分配之。每年學誌之會計帳目，需刊登於協會之通訊刊物。
11. 本合作計劃，自八十二（1993）年八月一日開始，到八十八（1999）年七月三十一日止。期滿後雙方得另訂合作辦法。
12. 如合作中止，學誌英文名稱（STATISTICA SINICA）之使用權，由雙方協議決定。

中央研究院 統計科學研究所 所長
泛華統計協會 會長

鄒至莊
李吟松

八十一（1992）年 2 月 25 日

參加1991年化工產業技術升級國際研討會 葉翹

近年來台灣工業正值轉型的關鍵時刻，在面臨台幣升值，國際貿易保護主義高漲，勞資糾紛不已，勞力昂貴，工業用地高漲，環保標準提升等衝擊下，傳統工業已失去廉價勞力的優勢，台灣工業發展已面臨瓶頸，已經出現許多生產業外移現象。經濟部有鑑於此，現已積極推動台灣生產業升級，走向高科技。因此經濟部工業局主辦這次研討會。協辦單位計有工業技術研究院，化工研究所，中華民國特用化學品發展協會，台灣區合成樹脂接著劑工業同業公會，以及台灣區染料顏料工業同業公會。合辦單位是中國石油公司，執行單位是中華民國製藥發展協會以及美洲中國工程師學會大紐約分會(CIE-USA/GNYC)。

研討會分石油煉製技術組，特化技術組，高分子技術組以及製藥技術組。這次研討會是在台北國際會議中心舉行的。會期是從1991年12月17日至20日，主要目的是如何將美國化工技術轉移台灣，如何使台灣化工產業升級。在CIE-USA/GNYC安排下，有23位主講人及三位學會負責人返台參加研討會。我是參加製藥技術組，四組中以製藥技術組最受歡迎，與會者高達百餘人。

在製藥技術組中有八篇Papers，首先由Warner-Lambert的廖怡蘭博士介紹美國FDA藥品註冊。台灣生物科技發展中心製藥研究發展的負責人張彥博士(剛由Upjohn退休)報告台灣的製藥概況以及他對台灣製藥研究發展的計劃，在他的計劃中1994年將雇用四百多位藥學家，pharmacologists toxicologists及pathologists，其中包括生統專家4至6位。這些新生力軍將致力於pre-clinical的研究。研究的compounds將由中研院生醫所，榮民總醫院以及即將成立的NIH做Clinical trials。如果成功，將交給台灣藥廠製造。Wyeth-Ayerst的高文琳博士報告美國製藥工業的研究與發展。繼而我報告當前製藥工業發展之課題，主要是綜合報告1991年在美歐製藥工業上在Bioavailability, population pharmacokinetics以及stability上的課題。Giba-Geigy的袁森報告ACE-Inhibitors發展的經過。台灣榮總的林山陽博士討論Enteric Coating的演進及展望。然後國防醫學院的陳基旺博士報告新藥研究開發在國內的經驗。最後West Co.的孫惠蒂博士講製藥包裝技術。這次製藥技術組的主講人及聽眾都是學藥

化及藥學的，因而我的報告無法偏重統計，在90分鐘的演講中，我特意用了七、八分鐘把統計的基本觀念加入，甚受歡迎。會後很多聽眾向我致謝，最後一天在經濟部安排下，我們訪問及參觀在台北土城的景德廠，該廠的新總經理吳建村博士剛由S.K.F.退休返國就任新職。他是我們會員吳建福教授的胞兄。在會中我們也見到了經濟部蕭部長，李次長及工業局楊局長。蕭部長一再強調今後要加強海內外產業界的聯繫與交流。

台灣的藥廠在GMP淘汰下，現約有二百家。最大的是台中大甲的永信藥廠，Annual Sales約37 Million美元。藥廠的R&D很少做，政府現正鼓勵他們做研究與發展。趁南下之便，我也到台南新化參觀了南光藥廠。

這次參加研討會，使我有機會與CIE-USA/GNYC的會員們認識，我也利用這次機會，多多宣傳，多多推銷統計，現在我正為工程師學會，發展統計項目。在7月25日本會與該會將合辦Statistics in Science and Technology Seminar。在11月21日該會年會時也有一個Quality session。歡迎會員們到時踴躍參加。

1992年4月30日寫于威明頓永青齋

台灣醫藥、衛生、生物統計前瞻

丁迺迪

在今年五月二號的應用統計學術研討會中，梁廣義教授呼籲從事生物統計工作的同仁們能夠結合在一起，為國內未來在醫藥，衛生方面的發展盡一份心力，在呼籲中他指出國內在未來幾年內將籌設若干大型的醫藥及衛生方面的研究機構，大致的規劃如下：

台大公共衛生學院
預計明年正式成立，將包括兩個研究所及一個系，將於1996年成立生物統計研究所，這將是東南亞第一個公共衛生學院。其中的生物統計研究所將以培訓人材，提供諮詢服務，及發展新的統計方法為工作重點。明年至少有兩個名額，有興趣的同仁請和台大醫院公共衛生研究所的林瑞雄所長聯絡。

國家衛生研究院
預算有兩百億台幣，計劃以財團法人的型式運作，籌備會主任委員為中央研究院生物醫學研究所的吳成文所長，目前有計劃要成立生物統計研究中心。

以上這些單位以及其他國內的相關機構都歡迎同仁們回去長期服務或短期訪問。有一些同仁們計劃在今年當中返國一趟，進一步瞭解各有關方案的最新發展。

會後有幾位同仁們一起討論，大家希望能夠有組織，有計劃的向國內各機構提供生物統計方面的諮詢及服務。凡有興趣做進一步的瞭解及行動的同仁們，希望能儘快向梁賡義，藍光國，施維中或丁迺迪聯絡，如果可能的話，我們希望在今年底之前找時間見見面，大家談談今後的行動方針，並聽聽今年返國的各位同仁對國內各項發展的最近看法。

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丁迺迪 Naitee Ting
O-(203)441-4871, H-(203)464-8856
198 Spicer Hill Rd., Ledyard, CT 06339-1534

ICSA Annual Banquet
Wednesday, August 12, 1992 at 7 pm

DIRECTION

From Marriott Hotel at Copley Place to Chinatown Golden Palace Restaurant (會賓樓):

1. By car or walk: exactly 1.1 miles.

Take Stuart street from Copley Place, continue to Kneeland street, turn left at Tyler street. The Golden Palace Restaurant (會賓樓) is at 14-20 Tyler street. Parking lots are available across from the restaurant or on Beach street. About \$10 per evening.

Taxi fare is about \$4 one way.

2. By subway:

Take the Orange line (not the Green Line).

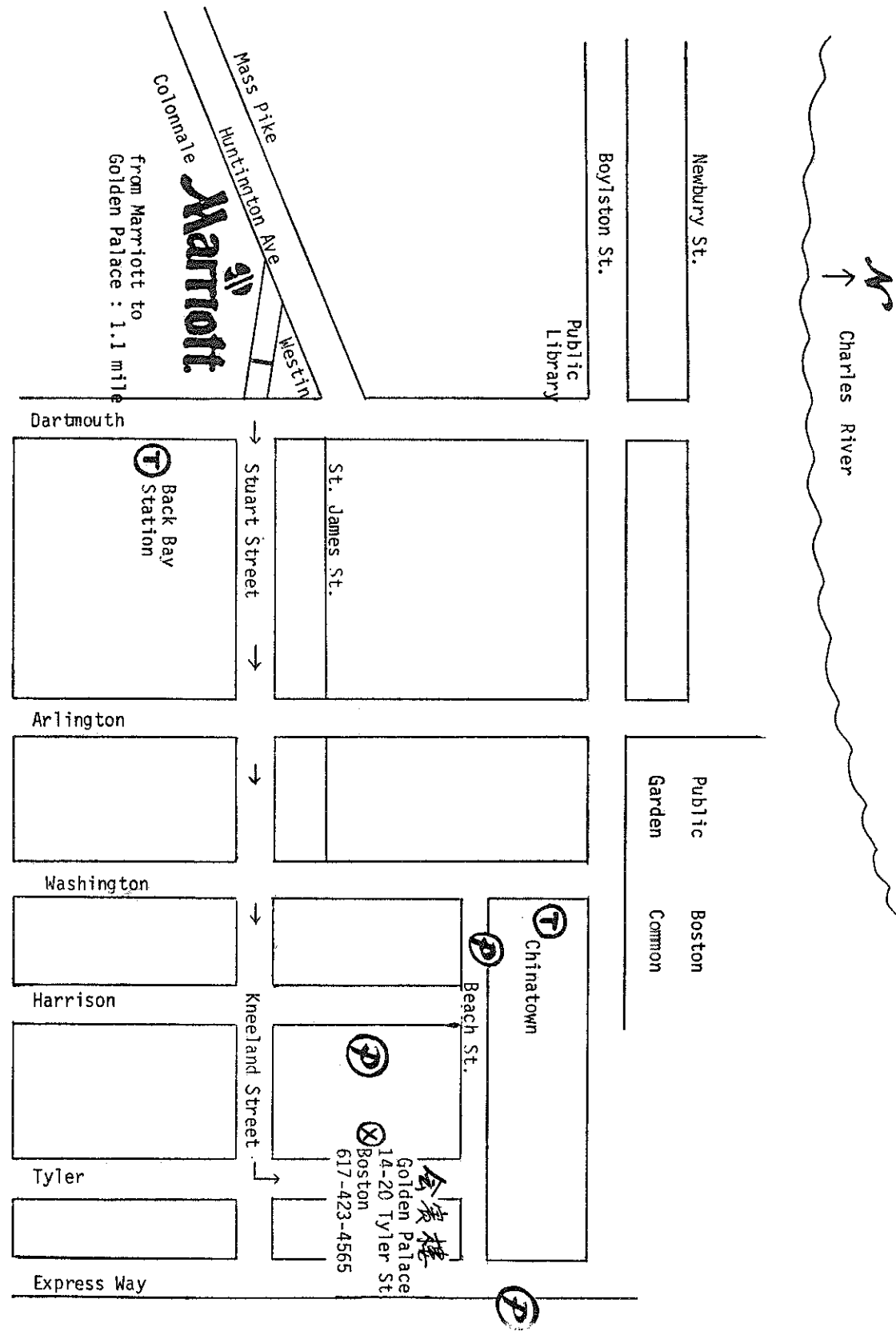
From the 2nd floor of the Marriott Hotel enter into the Copley Place Mall via the upper staircase. Continue through the Mall to Neiman Marcus department store. Take the escalator that is to the right or Neiman Marcus down to the BACK BAY STATION/SOUTH END STATION. Take inbound towards downtown. The first stop is New England Medical Center, the second stop is Chinatown.

After exit from the underground subway station on Washington street, turn left, then turn left again onto Beach street and turn right onto Tyler street.

The Chinatown subway station is located near a less desirable area of Boston. Traveling in groups are recommended.

菜單： Cocktail Hour: Cash Bar, 春捲、炸雞翅、烤鮮魷、炸新鮮干貝

晚宴：1 海鮮雀巢	5 當紅炸子雞	9 揚州炒飯
2 脆皮羅漢卷	6 薑蔥雙龍蝦	10 香伊壽麩
3 蟹肉魚肚羹	7 清蒸大龍例	11 合時甜品
4 菜膽扒北菇	8 豉油芥蘭	12 合時水果



會員動態

●陳江(Chen, Chung)

I have been promoted to Associate Professor in the Department of Quant. Method at Syracuse University.

●周賢忠(Chow, Shein-Chung)

I have been appointed as Affiliate Professor in the Department of Statistics, School of Business and Management at Temple University. My book (coauthored with Jen-pei Liu) entitled "Design and Analysis of Bioavailability and Bioequivalence Studies" has recently been published by Marcel Dekker, Inc.

●鄧利源(Deng, Lih-Yuan)

I have been promoted to Associate professor in the Department of Math. Sciences, Memphis State University.

●董永良(Tong, Y. L.)

我於1991年起應聘擔任Academic Press Probability and Mathematical Statistics Series的一名Series Editor。(另外二人是華盛頓大學的Z. William Birnbaum教授與柏克萊加大的David Aldous教授)同仁們如果有好書要出版，請與我或者另外二人之一連絡。

●譚外元(Tan, W.Y.)

Two of my books entitled "Mathematical Models of AIDS Epidemiology" and "Laguerre Polynomial Series Representation of Sampling Distributions and Applications" (Coauthored with M. L. Tiku) will be published by Marcel Dekker, Inc. this year.

●齊茂松(Chi, Eric M.S.)

I have recently made my career move from Merrell Dow Research Institute to Bristol-Myers Squibb Company located at Lawrenceville, New Jersey.

●林慧(Ju, Huey)

I have recently joined Bristol-Myers Squibb Company as Sr. Statistician.

- 王乾基(Wang, James Chyan-Ji)
I was promoted to Director of Medical Data Management and Statistics at ICN/SPI Pharmaceutical, Inc.
- 李師堯(Li, Eugene S.Y.)
I have made my career move from Assistant Lecturer, University of Hong Kong to Quality Assurance Manager, Dow Chemical(HK)Ltd.
- 許建新(Hsu, Jason)
I have been promoted to professor at the Department of Statistics, Ohio State University.
- 王美茜(Wang, Mei-Cheng)
I have been promoted to Associate Professor, Dept. of Statistics, Johns Hopkins University.
- 郭琳(Kuo, Lynn)
I have been promoted to Associate professor, Statistics Department, University of Connecticut.

Personal Information Changes

- | | |
|------------------------|---|
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ICSA新會員名單
(As of June 2, 1992)

Shu-Jiuan Chen	陳淑娟	UCLA
Hann-Chang Jou	周漢昌	Johnson Pharm
Xin Li	李忻	Rutgers Univ
Yweyi Li	李元溢	Pfizer
Jene Wei Liagn	梁維	Cato Research
Minzhi Liu	劉敏芝	UCLA
Kwong-Chieh Sun	孫光潔	Yale Univ
Yongxia Wang	汪湧孝	UCLA
		School of Medicine
		AT&T
Kwo-Dong Wey	魏國棟	National Chengchi Univ
Su-Fen Yang	楊素芬	Univ of Wisconsin
Yonghong Yang	楊永宏	Johnson & Johnson
Frank Yi	伊北中	York Univ
Yuehua Wu	吳月華	Bristol-Myers Squibb
Melinda Tao	陶高滇瑚	Hoffmann-La Roche
Joanna Cheng	鄭瓊英	Cornell Univ
Naisyin Wang	王乃昕	Bristol-Myers Squibb
Huey Ju	林慧	Rutgers Univ
Yaxian Lin	林亞先	The Cleveland Clinic Foundation
Ming Tan	譚銘	Texas A&M Univ
Tailen Hsing	邢泰崙	Lehman Brothers
Min-Chu Tu	林明珠	Lederle
Hong Jie Zheng	鄭宏杰	Univ of North Carolina
Wen-Jane Ko	柯雯貞	Hoffmann-La Roche
Jim Huang	黃瑞	Chinese Univ of Hong Kong
Siu-Hung Cheung	張紹洪	Trilogy
Xiao-Hui Weng	翁曉慧	Educational Testing Service
Kezhen Linda Tang	譚可珍	Ciba-Geigy
Pi-Yeong Chi	齊丕勇	
Xiu Chen	陳秀	
Chung-Nien Chen	陳忠年	

Xiang Chen
Qiqing Yu
Arora SanJay
Yi-Shi Shao
Jin-Yi Chen

King Hong Leurg
Cheuk Wai Ma
Chi-Hse Teng
Karl E. Peace
Howell Tong

陳祥
余岐青

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陳景宜
張金廷
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Univ of Rhode Island
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Rutgers Univ
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中科院應用數學所
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陝西西安第四軍醫大學統計教研室
國家統計局氣象科學院
The Chinese Univ. of Hong Kong
Univ of Hong Kong
Univ of Florida
Biopharm Res. Consultants
Univ of Kent

捐款人名單 (As of 6/2/92)

1. 補遺

在前幾期的會刊中，我們漏列了1992年幾名捐款的會員。在此特向這些會員致歉。這些會員是：

李昭勝、趙民德、鄭光甫、趙蓮菊

2. 截至目前為止，協會計收33筆個人捐款(其中包括徐建萍博士慷慨捐款美金1000元)，合計美金2165，協會在此感謝這些會員的大力支持。這些會員的芳名登錄於下：

莊建蘭 陳榮典 林宗華 丁迺迪 陳忠年
楊照崑 林共進 徐建萍 林慧 李元溢
L. LeCam 陳江 洪志真 傅柳虎 李子酸
李昭勝 陶高滇瑚 徐逢崑 徐世健 Andrew Lin★★
周賢忠 劉仁沛 黃達雄 袁人俊 陳必廉
陳占平 劉利源 陳達 陳應 無名氏★
張鴻圖 呂剛中 Justus Seely★★

★捐款人不願告示姓名

★★非會員

親愛的會員：

您好!泛華統計協會已成立四年多了，非常感謝各位這多年來的支持。

“泛華”除了每年舉辦年會，聚餐及出會刊與通訊錄外，一份具有國際水準並代表我華人統計界的「中華統計學誌」也出刊多期。

1988年在華府曾舉辦生物統計研討會，1989年在香港舉辦華人統計學者，學術研討會，今年五月在紐澤西剛剛舉辦了應用統計研討會，明年十二月將在台北召開第二次華人統計學者學術研討會。未來的活動將越來越多，僅靠區區的會費是無法支付的，數年前在年會中，大家討論決定每年籌募活動基金一萬元。這是每年的目標，也是我們募款小組工作的方向。

非常感謝徐建萍博士慷慨地捐獻了一千元。我們深深地希望您也能量力地捐獻一些。讓我們在這裡先謝謝您的熱心支持，並希望您踴躍地參加本會的活動，並提出您寶貴的建議。

募款小組

陳達 周賢忠 方開泰 黃達雄
李正福 李錫欽 林共進 林崑峰 仝敬上
劉本傑 羅黔輝 章端 葉翹 1992年5月

ICSA FINANCIAL STATEMENT 1991 (JANUARY 1 -- DECEMBER 31)

*** Canada (Winnipeg) Office ***

Can. \$

STATEMENT	REVENUE	EXPENSE	BALANCE
BALANCE FORWARD	10256.34		10256.34
INTERESTS	493.08		10749.42
ADVERTISEMENT REVENUE	890.76		11640.18
MEMBERSHIP DUES	5826.37		17466.55
DONATIONS	15496.11		32962.66
H. K. CONFERENCE REG'N	340.25		33302.91
JOURNAL SUBSCRIPTION	4110.48		37413.39
MADISON OFFICE	208.22		37621.61
TERM DEPOSIT MATURED	25872.63		63494.24
PRESIDENT'S OFFICE EXPENSES		14534.77	48959.47
TRANSFER TO NEW SECRETARY (S.-C. CHOW)		3486.63	45472.84
TRANSFER TO NEW TREASURER (F. KI)		3420	42052.84
STATIONERIES		319.53	41733.31
POSTAGES		2044.48	39688.83
PHONE & FAX CHARGES		1282.97	38405.86
ANNUAL MEETING		682.68	37723.18
MISCELLANEOUS		675.42	37047.76
TERM DEPOSIT (1 YEAR TERM - 9.75% -- JAN. 31, 1992)		15000	22047.76
TOTAL	63494.24	41446.48	22047.76

*** Mainland China Office ***

R.M.B. \$

BALANCE FORWARD	5741.91		5741.91
MEMBERSHIP DUES	2280		8021.91
POSTAGE & FAX		550	7471.91
TOTAL	8021.91	550	7471.91
ASSETS (TERM DEPOSITS AT MATURITY - JAN. 31 '92)		CAN.\$	16462.50
TOTAL ASSETS (TERM DEPOSITS AT JAN. 31, 1992)		CAN.\$	16462.50

ICSA FINANCIAL TRANSFER STATEMENT (FROM S. W. CHENG TO F. KI) - APRIL 1, 1992

STATEMENT U.S.\$	REVENUE	EXPENSE	BALANCE
BALANCE AT MARCH 31, 1992	33564.72		33564.72
FOR STATISTICA SINICA (SUBSCRIPTION REVENUE)		5425.6	28139.12
TRANSFER TO FANNY KI AT APRIL 1992 (U.S.\$)			28139.12

FINANCIAL STATEMENT -- 1992 WINNIPEG OFFICE (JAN. 1 -- MAR. 31)

STATEMENT	REVENUE	EXPENSE	BALANCE
	22047.76		22047.76
BANK SERVICE CHARGE		27	22020.76
G.S.T.		48.7	21972.06
INTEREST	254.79		22226.85
JOURNAL SUBSCRIPTION	2213.12		24439.97
POSTAGE		475.8	23964.17
STATIONERY		11.39	23952.78
TERM DEPOSIT MATURED	16462.5		40415.28
TOTAL	40978.17	562.89	40415.28
CLOSING ACCOUNT (@1.2041--U.S.\$33564.72)			40415.28

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INTERNATIONAL CHINESE STATISTICAL ASSOCIATION											
NAME		ENGLISH			MEMBERSHIP APPLICATION FORM 泛華統計協會						
		CHINESE			DATE:						
		LAST			FIRST						
		OFFICE			ADDRESS			HOME			
		CITY			CITY						
		COUNTRY			POSTAL CODE		COUNTRY			POSTAL CODE	
		TEL :			TEL :						
		E-MAIL ADDRESS			FAX NO.						
		HIGHEST DEGREE		YR. GRADUATED		UNIVERSITY		OCCUPATION (TITLE)			
MEMBERSHIP		REGULAR		U.S.\$20		STUDENT		U.S.\$10			
		1991/92/93		U.S.\$60		DONATIONS		\$			
		SPOUSE (50% LESS)				TOTAL AMOUNT		U.S.\$			
		SPOUSAL'S NAME :									
STATISTICAL AREA OF INTEREST <small>(TICK AS MANY AS YOU LIKE)</small>		A		AGRICULTURE		F		HEALTH SCIENCES			
		B		BUSINESS/ECONOMETRICS		G		PROBABILITY			
		C		COMPUTING/GRAPHICS		H		SOCIAL SCIENCES			
		D		EDUCATION		I		THEORY AND METHODS			
		E		ENGINEERING		O		OTHERS			
PLEASE MAKE CHEQUE PAYABLE TO: I. C. S. A. INTERNATIONAL CHINESE STATISTICAL ASSOCIATION MAIL THE FORM AND CHEQUE TO: I.C.S.A. c/o Dr. Shein-Chung Chow 182 Crestview Way Yardley PA 19067 U.S.A.											



INTERNATIONAL CHINESE STATISTICAL ASSOCIATION

INFORMATION SHEET 泛華統計協會

DATE :

RECENT NEWS : (publications, research or teaching activities, job transfer, awards or honors received etc.)

SUGGESTIONS :

FORM AF-1B 1989

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