

# 泛華統計協會 會刊

International Chinese Statistical Association



**Bulletin**  
January 1996

編者的話：

由於泛華協會會員人數激劇增加，泛華通訊錄有修改的必要，我們準備發行 1996 年的通訊錄。請各會員儘快寄回 Renewal form 以及最新資料，如地址，E-mail address 和 Fax number，會刊在每年一月底發行一次，如果稿件夠多則一年發行兩次。

會刊是我們會員的主要交流園地，希望各位踴躍賜稿，文章以一至二頁的短文為主，須用中文繁體字或英文書寫，文章性質以一般性非專門性學術的文章為主，以前或本期會刊內的各篇短文都是很好的範例，稿件如獲採用，我們希望能由作者安排打字，完稿的上，下，左，右留邊 (margin) 至少要有四分之三英吋，頁碼離底邊二分之一英吋，打字打在 8" x 11" 的白紙上。稿件的截止日期是十二月十五日。截止日期後收到的將列為下一期的稿件。

刊內附有本會的申請表 ( application form )，其中會員動態內的著作 ( publication ) 以一年內的新作品為限。

從1994年度起，本會酌收徵才廣告費一頁 U.S.\$200 或半頁 U.S.\$120。

對於以上的一些構想，如果您有任何建議，請與泛華協會秘書羅黔輝 (地址見下) 聯絡，以期這份刊物更為完善。

Note:

ICSA Members: Only individuals who have paid are members,  
otherwise non-members.

Publication committee:

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傅 權	藍光國	董永良
蔡瑞胸	吳建福	羅昭容
羅黔輝		

1996 會刊通訊錄編輯人員

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I.C.S.A. c/o Dr. Nancy Lo. Executive Secretary  
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La Jolla, CA 92037  
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## EXECUTIVES AND MEMBERS OF THE COMMITTEES OF ICSA 1996

### [1] EXECUTIVES

President : Kuang Fu Cheng (1996)  
 Past President : Smiley W. Cheng (1996)  
 President-elect : Shein Chung Chow (1996)  
 Secretary : Nancy Lo (1997)  
 Treasurer : Christina Show (1997)

### [2] BOARD OF DIRECTORS

H.Z. An (1997); C. Chen (1998); H.J. Chen (1996); T.T. Chen(1997); C.S. Cheng (1997); S.C. Chow (1997);  
 C.A. Hsiung (1996); F.T.C. Ki (1998); J.C. Lee (1998); K.Y. Liang (1996); W.Y. Loh (1996);  
 K.T. Tsai(1998); Y. Tsong (1997); J.Y. Tsay (1998); C. Z. Wei (1996); L.J. Wei (1997)

### [3] STANDING COMMITTEES :

#### (A) PROGRAM COMMITTEE (1996)

Xiao-Li Meng (Chair); Chung-Ching Wang; Ruey S.Tsay; Jianming Ye  
 Term of reference : plan, coordinate and arrange the annual meeting.

#### (B) FINANCE COMMITTEE (1995-1997)

Christina Show(Chair); Hong-Zhi An; Fanny Ki  
 Term of reference : to oversee the budget and financial situation of the Association.

#### (C) NOMINATING/ELECTION COMMITTEE

R.S. Tsay (Chair, 1997); L.A. Li (1996); S.Y. Lee (1996); Chung Chen(1997)  
 Term of reference : to nominate the candidates for the President-elect and members of Board of Directors.

#### (D) PUBLICATION COMMITTEE (1994-1996)

M.C.K. Yang (Chair); Nancy Lo; Gordon Lan; Y.L. Tong; R.S. Tsay; J.C.F. Wu; Grace Yang  
 Term of reference : to supervise the publication policy of the Association and make recommendations with respect to the editorial policy of various publications.

### [4] CURRENT COMMITTEES :

#### (A) MEMBERSHIP DRIVE COMMITTEE (1994-1996)

H.J. Chen (Chair); Anne Chao; Jiading Chen; S.Y. Chen; C.S. Cheng; P. Cheng; S.C. Chow;  
 M.C.L. Fan; M.N.L. Huang; K. Lam; W.Y. Tsai; M.J. Wen; H.M. Zhang  
 Term of reference : to recruit more new members and contact potential interested individuals and organizations.

#### (B) FUNDRAISING COMMITTEE (1995-1997)

Irving K. Hwang (Chair); H.Z. An; W.Y. Poon; Christina Show; William W.S. Wei  
 Term of reference : to carry out the fund raising drive in a 5 year plan through our members and corporations.

#### (C) PUBLIC RELATIONS COMMITTEE (1995-1997)

S.C. Chow (Chair); Kao-Tai Tsai  
 Term of reference : to promote the Association's goals and inform the public of Association's activities.

#### (D) STRATIGIC COMMITTEE (1990-)

Y.S. Chow (Chair); S.C. Chow; James Fu, Jack C. Lee; George C. Tiao; Jia-Yeong Tsay;  
 Grace Yang; Chiao Yeh; Smiley W. Cheng  
 Term of reference : to plan long-term strategies for the Association.

#### (E) AWARDS COMMITTEE (1995-1997)

J.Y. Tsay (Chair); W. H. Wang; P.E.Lin; G.Y.Li  
 Term of reference : to nominate the person(s) who made substantial contributions to the Association and are deserved to receive the recognition, to receive and judge the applications of student members for the subsidies to the trip of annual meeting, and to establish criteria for ICSA "Fellow".

#### (F) APPLIED STATISTICS SYMPOSIUM COMMITTEE (1996)

Kung-Yee Liang (Chair); Timothy Chen; Colin Wu; Li-Ping Yang; Mei-Chen Wang; Yi Tsong  
 Term of reference : to organize the Symposium for 1996.

### [5] BIOMETRICS SECTION (1996)

Gordon Lan ( Chair); Yi Tsong (Chair-elect); Naitee Ting (Secretary); Yi Tsong (Treasurer);  
 Timothy Chen (ICSA Representative)

# 泛華統計協會一九九五年大會 會議記錄

時間：一九九五年八月十四日（星期一）下午五時至七時半  
地點：美國 Florida 州 Orelando 的 Walt Disney World  
Dolphin Hotel Oceanic 1 Room

- 一、議決暫定議程。 無異議通過。
- 二、議決上次會議記錄。 無異議通過。
- 三、討論上次會議記錄有關事項。 無討論。

## 四、會長報告（鄭惟孝）。

（一）、本協會在過去一年中、舉辦並參與三大學術會議。

- （1）本協會於今年四月十五日在 Rutgers University 舉辦第五屆應用統計學研討會（ICSA 1995 Applied Statistics Symposium）。Biometrics Section 理事會代表陳達將作一報告。
- （2）1995 年六月二十四日至二十九日美洲華人生物科學學會 SCBA (Society Of Chinese Bioscientists In America) 在加拿大、溫哥華不列顛哥倫比亞大學舉辦第六屆 SCBA International Symposium。由本協會、SCBA 的 Bio/Pharmaceutical Science 組、不列顛哥倫比亞大學的統計系合辦 Statistics in Preclinical & Clinical Design Session。此一 Session 由施維中、沈志華主辦，詳細內容請參閱 1995 年 ICSA July Bulletin。
- （3）本週五、六、日（八月十八至二十日）三天，本協會在中國北京香山飯店舉辦第三屆統計學術研討會，預計將有 215 人參加，來自美國有 56 人、臺灣 21 人、香港 23 人、日本 1 人、瑞典 1 人、澳洲 1 人共 192 篇文章。與會者中有十餘位經濟學者，大陸與會者近百位。

（二）、本協會會員均參加 ASA 的活動，希望大家極力提各傑出 ICSA 會員為 ASA Officers 的候選人，如 President、Vice President，如此 增加華人的影響力希望大家收到提名表後、儘量提名。

（三）、本協會正在進行建立 E-Mail Network，此任務由蔡偉彥博士負責 World Wide Web 有三、四個統計協會，本協會擁有 900 位會員、大概是第三大統計協會，我們應該加強 Network 的工作，會員對此如有建議請告訴我們。

（四）、今年理事會通過恢復永久會員制度，永久會員之會費是 10 x 該年會費。

## 五、工作報告。

（一）、秘書報告（羅黔輝）。

我再次提醒大家、今年年底我們準備發行 1996 年的通訊錄。請各位將新地址、E-Mail Address 和 Fax Number 等儘快寄給我。

關於會費規定，請大家注意下列數點：

- 1、只有在學學生才能繳付學生會費。
- 2、超博士與研究員須繳付普通會費。
- 3、織夫婦會費者，只能收到一份刊物。
- 4、只有 ICSA 會員有資格參加 Biometrics Section，此 Section 不另加會費。

（二）、財務報告（羅黔輝代理）。

ICSA 1994 年 11 月~1995 年 8 月財務報表是收入 US \$ 8766.76、支出 US \$ 6299.98，加上去年盈餘、Balance 是 US \$ 43,499.78 可謂自給自足（見本刊附表）。本年度收到 25 項捐款，共 US \$ 1050.00。

（三）、Biometrics Section（陳達）。

- 1、ICSA Biometrics Section 簡訊第一期於今年四月出刊。
- 2、第五屆應用統計研討會於四月十五日在 Rutgers University 舉行。大多數節目主持人均為 Biometrics Section 會員，到會者約一百人。Keynote Speaker 是吳建福教授，會中有兩組並行的演講會，一共八個 Sessions，最後是一座談會、主題是“加強對泛華統計協會會員的服務”所有建議均呈送 ICSA。
- 3、本 Section 在美洲華人生物科學學會 SCBA (Society Of Chinese Bioscientists In America) 的國際研討會中主辦一項 Statistics in Preclinical and Clinical Design。此會議於六月二十四日至二十六日在加拿大、溫哥華舉行。

（四）、中華統計學誌（鄭惟孝）。

此學誌在 1993 的 Science Journal Citation Report 名列 19 較 1992 年排名 22 進步。除美英 Journal 之外，本學誌排名於其他 Ethnic Journal 之前。從明年起、每年出版四次，即一月、四月、七月與十月。此學誌乃為臺灣中央研究院統計科學研究所與本協會合辦之刊物。

（五）、第三屆國際統計研討會（鄭惟孝）。

本屆研討會原訂於 1996 年舉行，但因為今年 I S I 在北京開會。所以第三屆國際統計研討會改於1995年八月十八至二十日舉行，第四屆研討會是否舉辦與否、正在研商中。

六、選舉結果報告〔鄭惟孝〕。

泛華統計協會發出 390 張、回收 133 張。1996 年的 President-elect由周賢忠當選。

改選五名理事、當選名單如下：

李昭勝、蔡嘉永、陳江、祁婉菁、蔡高太〔任職三年〕。

Biometrics Section 一九九六年 Chair 由莊易當選。

七、頒獎〔鄭惟孝代理〕。

Award Committee 授獎給前任會長葉翹和Biometrics Section徐建萍。

葉 翹：\* 當 I C S A 1994 會長期間，熱心推展會務。

\* 主動負責與其他華人科技團體、合辦學術交流活動。

\* I C S A 創會以來、長期連續地參與並負責多項協會的活動。

徐建萍：\* 擔任首屆 I C S A Biometrics Section 的 Chair，熱心推展活動、並創辦中英合版的 Section Newsletter。

\* 曾任協會理事、並負責多個 Committees 的主要任務。

\* I C S A 創會以來、一直對協會多方面支持，出錢出力、不為人後，服務奉獻的精神值得敬佩。

八、討論事項。 無討論。

九、座談會。

此座談會由陳達主持，題目是“如何由畢業轉入統計的實際社會裡”。

四位Panelists 和他們的講題是：

李 勁：Outline of Panel Discussion at ICSA Orlando FL.

李作言：Reengineering, You, Project Team and Communication

羅鈺輝：Working with Marine Scientists to Count Ocean Fish

吳建福：Some Advice on Academic Job - Hunting

演講完畢、在座會員發言踴躍，會員們建議在未來的 I C S A 大會裡，增加一切尋找工作的專題演講，例如：如何填寫履歷表、演講秘訣等等，以助華人統計學者在美社會有效發揮專業技能。

會議在七時四十五分結束。

Announcement from the Executive office:

**Amendments to the I.C.S.A. Constitution and By-law.**

During the Board of Directors meeting held at Orlando, Florida on August 13th, 1995 the Board approved the following amendments to the constitution: The title of 'Secretary' will be replaced by 'Executive Director'. The number of executives will be expanded to accommodate the increasing amount of work.

If you have any comments or questions about these amendments, please write to the Secretary.

Nancy C. H. Lo  
2575 Ardath Road  
La Jolla CA 72037  
(nlo@ucsa.edu)

The proposed amendments to the constitution will be voted on at the annual meeting in Chicago.

**Outline of Panel Discussion  
at ICOSA  
Orlando, Florida  
by John G. Lee**

**August 14, 1995**

The purpose of this discussion is to provide an overview of the areas which attentions are needed for our members that are entering into the statistical professional world. The intent is to share our experiences and to take advantage of them. The areas listed below will pertain to job interviews, but also will be a general guide for professional career development.

- **Communications**
  - Oral
  - Written
  
- **Professional Image**
  - Technical Competence
  - Personal Appearance
  - Composure
  
- **Presentations**
  - Technical
  - Interpersonal

**PANEL DISCUSSION**

**HOW TO TRANSIT FROM GRADUATION TO THE REAL WORLD OF STATISTICS**

Reported by T. Timothy Chen

As announced in the July 1995 I.C.S.A. Bulletin, we had a panel discussion in the August I.C.S.A. general meeting. Two panelists were from industry, one from government and the last from academia. Dr. John Lee is Corporate Senior Vice-President and General Manager of the Biostatistics and Data Management division of PAREXEL International Corporation, Massachusetts. Dr. Tzuo-Yan Lee is President and CEO of Excel Scientific Protocols, New Jersey. Dr. Nancy C. H. Lo is Senior Statistician, Southwest Fisheries Science Center, California. Professor C. F. Jeff Wu is Chair, Department of Statistics, University of Michigan and Chair editor, *Statistica Sinica*.

The panelists gave precious advice about job searching, interviewing, and adjusting to the work environment. The abstracts of their talks are given here followed by a bibliography of useful references provided by T. Timothy Chen, the organizer of the panel discussion.

In this session, audience members suggested that similar "How To" sessions be held in the future: how to write a resume, how to give an effective presentation, and how to improve communication skills in the workplace. Consequently, two "Service" sessions will take place at I.C.S.A. Applied Statistics Symposium, Johns Hopkins University, Baltimore, June 8 & 9, 1996.

## **REENGINEERING, YOU, PROJECT TEAM AND COMMUNICATION**

By T.Y. Lee ACER/EXCEL

Many large hierarchy corporations in the United States are shrinking through the processes of downsizing, merging and REENGINEERING. As noted by Dale Carnegie & Associates that " In more and more well-led organizations, the answer is being found in teams. Increasingly often, people are being asked to work beyond their disciplines, outside their cultures, above and below their usual ranks"(Reference 1).

The project team is usually a functional structure of a small self-sufficient horizontal empowerment group(HEG) which will provide dynamic approach of project management and conducting project activities. It molds various professionals into one functional group and gives them a common task to accomplish. Each HEG is responsible for all activities pertaining to the project completion from beginning to end. Every member of the team is responsible for their success or failure and they share the reward or punishment as a unit. Each HEG is functionally connected to the central management group(CMG) which is responsible for enforcing standardization and minimizing redundancy of development work by various HEGs. Additional benefits of forming HEG is creating a healthy competitive atmosphere among various HEGs. This can lead to improved quality and productivity if the competitiveness is properly monitored. To make it work, the communication among various members within each HEG and between HEG and the CMG should be encouraged to channel the project status, problems, resolutions and encouragement. To establish an effective communication and bring out the best in people at their worst, several techniques are useful(Reference 1):

1. State your positive intent to set the tone.
2. Beware that your communication behavior depends on your intention or your perceived intention of others.
3. To reduce the possible conflict, blend and redirect to enhance the rapport and constructive interaction.
4. Monitor your tone of voice.
5. Tactfully interrupt the interruptions and be ready to listen.
6. To understand each other clearly, backtracking the actual words used by the team member, clarifying the vague generalization, summarizing the issues item by item and confirm your summarization with the team members.

Reference 1: Dr. Rick Brinkman & Dr. Rick Kirschner. Dealing with people you can't stand. McGraw-Hill, Inc., 1994

## **WORKING WITH MARINE SCIENTISTS TO COUNT OCEAN FISH**

Nancy C. H. Lo  
Senior Statistician  
Southwest Fisheries Science Center  
P.O. Box 271 La Jolla CA 92037  
nlo@ucsd.edu, 619-546-7123(o), 619-546-5656(x)

For more than 20 years I have worked with marine biologists and oceanographers, using my skills as a statistician to count fish; without getting my hands dirty. Based on my past experiences, I recommend that in addition to having a solid statistics background, you should also have excellent communication skills, as most projects are carried out using team work. I recommend the following:

While you are in school

1. Build up your communication skills. Take courses in English writing, speed reading, and public speaking.
2. Choose a minor field to which you may apply your statistical tools later, for example, biology, sociology, economics, etc.
3. During school breaks, seek temporary employment, internships or volunteer work at an institute or company where you get real-world job experience.

While you are in the job market

1. Network. Make it known that you are searching for a job or you are interested in changing to a different establishment.
2. Attend both professional meetings of statistics and other disciplines that interest you.
3. Be sincere during your interviews and bring your portfolio. A follow-up phone call will show your enthusiasm.

While you are working as one of the few statisticians in an organization

1. Work smart rather than hard.
2. Be vocal but not rude. Express appreciation to your coworkers as well as your concerns.
3. Explain statistical procedures in simple English, i.e., layman's terms. Use numerical examples but avoid equations.
4. Keep in contact with other statisticians by attending seminars offered in nearby universities and conferences. Be active in the local statistical societies. Keep up with the current literature and issues in statistics.
5. Keep a sense of humor.

A happy career to you !!!

## SOME ADVICE ON ACADEMIC JOB-HUNTING

C. F. Jeff Wu  
Chair, Department of Statistics  
University of Michigan

Since this talk is given for the members of the ICSA, it will focus on a targeted audience. The advice offered here does not necessarily apply to other ethnic groups. Academic job-hunting usually consists of four steps: preparation of vitae, contact with potential employers, interview, after-interview contact.

(i) Do not be modest in the preparation of vitae. Your experience in research, teaching, consulting should all be included. Nowadays academic employers pay special attention to experience in consulting, teaching performance and fluency in spoken English. You need to give concrete evidence for your application to pass the initial screening. Keep in mind that for each position there are usually over 120 applications out of which at least 30 are Chinese.

(ii) You may receive a phone call about your application. It may be a subtle way to test your spoken English. So be prepared for it. If you do not hear from the potential employer, you may call to inquire about your candidacy. Speak fluently and be pleasant on the phone.

(iii) If you are lucky enough to get an interview, make every effort to give a good impression. Your talk is the most important part. Rehearse your talk before the trip. Find out more about the department, i.e., its research, teaching and other programs. If necessary read some of the key papers authored by the major players of the department. Try to engage in each meeting with the faculty member. Know how to present a good impression when meeting with a dean. Your knowledge of the society will help you in the meetings with administrators and during social hours. Be sincere about your other options.

(iv) If you get an offer, learn how to negotiate in earnest. If you have not heard any news, call to make an inquiry.

These are some of the main points of my presentation.

## BIBLIOGRAPHY

Prepared by T. Timothy Chen  
National Cancer Institute  
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Before Ph.D.

P. B. Medawar, Advice to a Young Scientist, Harper and Row, 1979.  
How can I tell if I am cut out to be a scientific research worker? What shall I do research on? How can I equip myself to be a scientist or a better one?

Estelle M. Phillips and D. S. Pugh, How to Get a PhD, Open University Press, 1987.  
The nature of PhD qualification. How not to get a PhD. How to do research. The form of a PhD thesis. How to manage your supervisor.

Robert V. Smith, Graduate Research: A Guide for Students in the Sciences, 2nd edition, Plenum Press, 1990.  
Getting started. Attitudes, commitments, and creativity. Making choices. Time management. Principles of scientific research. Ethics and the scientist. Library and literature work. Writing skills. Preparing theses and dissertations. Presentation and publication of papers. Getting grant support. Getting a job.

After Ph.D.

How to Do It, Articles published in the British Medical Journal. British Medical Association, 1979.

Give a reference. Be interviewed. Prepare a curriculum vitae. Apply for a research grant. Plan a research project. Give a lecture. Use slides. Use an overhead projector. Use a library. Write a paper. Referee a paper.

Robert J. Beynon, A Researcher's Companion, Portland Press, 1993.  
Developing your experimental skills. Conducting a research project. Writing about your work. Talking about your work. Moving on.

Carl J. Sindermann, Winning the Games Scientists Play, Plenum Press, 1982.  
Publishing papers. Presenting papers. Attending meetings. Chairing sessions. Organize meetings. Participating in committee meetings. Moving up, on, and out. Getting and using power. Defining ethics in science. Roles of women and men. Coping with bureaucracy. Relating to industry.

Carl J. Sindermann, The Joy of Science: Excellence and Its Rewards, Plenum Press, 1985.  
Moving up. Managing a research group. Managing career transitions. External signs of success. Destinations for scientists. Authority figures in science. The aging scientist. Scientists outside the laboratory. The pathology of science.



I C S A 捐款人芳名  
As of 12/10/95

從1995年五月一日至目前為止，I C S A計收捐款拾筆、計595美金  
捐款人芳名謹列如下：

侯雲	陳江	刁錦寰	王永雄	蔡嘉永
黃遠邦	羅黔輝	黃克歐	彭文富	鄧樹泉

感謝以上會員對協會的捐助！

I C S A 新會員名單  
(6/95 ~ 12/95)

Jong, Yi-Kuan	鍾怡寬	U. of Pittsburgh
Gelman, Andrew		U C Berkeley
Pan, Jeh-Nan	潘浙楠	National Cheng-Kung U. Taiwan
Hung, Hui-Nien	洪慧念	U. of Chicago
Hou, Yun-Kui	侯雲奎	Norwalk, CT
Hung, Won-Chin	廖曉卿	Hoechst-Roussel, NJ
Zhang, Lian-Jun	張連軍	Suny Esf, NJ
Wu, Huaqing	吳懷清	U. of Michigan, MI
Zhou, Susan	周毓菁	Rockville, MD
Wu, Xiaohui	吳曉蕙	The American U. Wash. DC
Wu, Jiang-Ming	吳江名	Texas Tech. U. TX
Du, Wei	杜薇	Cary, NC
Tang, Feng	唐楓	Cornegie Mellon U. PA
Shun, Zhen-Ming	荀振鳴	Jassen, Res. Foundation, NJ
Lai, Dejian	賴德建	U. of Texas, TX
Yang, Hsien-Chueh	楊顯爵	Taiwan
Lee, John		
Liu, Tiepu	劉鐵甫	U. of Ababama
Yu, Philip	楊良河	U. of Hong Kong
Lu, I-Li	魯以立	VCU, VA
Soon, Guoxing		
Ho, Chung-Chou	何從周	U. of Pittsbangh PA
Hou, Bo	侯波	Liberty Corner, NJ
Zhao, Peng-Liang	趙彭亮	Merck & Co. NJ
Shia, Ben-Chang	謝邦昌	Fu Jen U. Taiwan
Liu, Ai-Yi	劉愛義	U. of Rochester, NY
Huang, Li-Shan	黃禮珊	Florida Stat. U.
Chen, James J.	陳章榮	FDA, Arizona
Hsu, John Shih-Jian	徐世健	Santa Barbara, CA
Shen, Larry	沈在謙	Procter & Gamble, OH
Chuang, Rwei-Ju	莊瑞珠	Taiwan, ROC

I.C.S.A. Financial Statement Nov. 14, 1994 - Nov. 31, 1995			
	Revenue	Expense	Balance
Balance Forward			41,000.00
Interest	1,064.64		
Membership	6,996.77		
Donations	1,640.00		
Member Annual Meeting	2,426.00		
Advertisement Revenue	260.00		
Postage		2,048.29	
Stationary & Supply		608.55	
Printing		181.13	
Ballot		375.96	
Member Annual Meeting		2,677.89	
Miscellaneous		765.87	
Typing		140.00	
Bulletin		2,700.74	
North America Office		1,200.00	
Total	12,387.41	10,698.43	42,688.98

ICSA Mainland Office Financial Statement (in RMB \$)

(As of August 8, 1995)

Statement	Revenue	Expense	Balance
Balance forward	5057.51		5057.51
Membership dues	120.00		5177.51
Postages & Fax		923.80	4253.71
SS Subscriptions	4840.00		9093.71
Transfer to Conference		8000.00	1093.71
Total	10017.51	8923.80	1093.71

## THE 3RD I.C.S.A. STATISTICAL CONFERENCE IN BEIJING

Smiley W. Cheng

From August 18th to the 20th, 1995, the 3rd ICSA Conference was held in the outskirts of Beijing at the Fragrant Hill Hotel inside the magnificent Fragrant Hill Park. It was decided by the Conference Committee to hold this conference right before the 50th ISI session, making it convenient for people to attend both events if they wished. Like the previous two, this Conference was a big success. About 200 people came from all over the world -- China, Taiwan, Hong Kong, Japan, U.S.A., Canada, Australia, Sweden, and Austria to participate in the event. 192 papers from various fields (both theoretical and applied) were presented. A lot of enthusiastic exchanges and discussions among the attendees occurred. Many young statisticians from China were especially impressed with the opportunity to meet the many well-known and well-established fellow scholars at the conference. They felt that it was very beneficial to have the chance to interact with those people.

Besides 3 full days of paper presentations, there were 4 keynote speakers: Professors Xiru Chen of the University of Science and Technology, Beijing; Ching-Zong Wei of Academia Sinica, Taipei; Wing H. Wong of the Chinese University of Hong Kong; and C. F. Jeff Wu of the University of Michigan all of which presented thought provoking lectures.

In addition Professors Guo-Ying Li of Academia Sinica and James C. Fu of the University of Manitoba also organized a special panel discussion on "The Nuts and Bolts of Statistical Research." Three Panelists, Professors George C. Tiao of the University of Chicago; C. F. Jeff Wu of the University of Michigan; and Grace L. Yang of the University of Maryland, provided a packed lecture hall of listeners with their valuable research experience which definitely enlightened many fellow researchers, young and old.

The Conference also arranged two separate Plenary sessions, one for the journal, STATISTICA SINICA, and another for the ICSA. Many good discussions followed.

The success of this Conference was mainly due to the Local Organization Committee's endless effort and more than a year's hard work. We are especially indebted to Professor Shi-Yong Feng and Guo-Ying Li of Academia Sinica, Beijing for their special assistance and many other colleagues and students who helped out. The generous donations from the Chinese Statistical Bureau, The Chinese Statistical and Probability Association and Academia Sinica,

## 會員動態

陳明輝 (Chen Ming-Hui) recently published the following:  
Importance weighted Bayesian posterior density estimation. 1994. JASA 80:818-824.  
Predicting retirement patterns: predictions for a multinomial distribution with constrained parameter space. 1993. The Statistician 42:427-443 (with James O. Berger).  
Performance of the Gibbs, hit-and-run, and metropolis samplers. 1993. The Journal of Computational & Graphical Statistics 2:251-272 (with Bruce W. Schmeiser).

周曉華 (Zhou Xiao-Hua), an assistant professor in the Biostatistics Division of the School of Medicine at Indiana University was awarded a five-year first award from NIH. With this award he will develop new statistical methods for evaluating the accuracy of diagnostic tests.

周賢忠 (Chow Shein-Chung), Director of the Biostatistics Department, Bristol-Myers Squibb Co. NJ and 李昭勝 (Lee Jack C.), Director of the Institute of Statistics, National Chiao Tung University, Taiwan, are among the newly selected fellows of the American Statistical Association. Congratulations to both of them.

吳建福 (Wu C. F. Jeff) has been appointed Chair of the Department of Statistics, University of Michigan as of July 1, 1995.

謝暉光 (Hsieh Hui-Kuang) returned to UMass after teaching for two years at the Institute of Mathematical Statistics at the National Chung Cheng University in Taiwan. While at the institute he helped establish masters degree programs in statistics. In addition, he organized and chaired the 4th Southern Taiwan Statistical Conference held at Chung Cheng University where 150 people participated and 40 papers were delivered. He also presented papers at the 1995 Probability and Statistics Conference in Taipei, and at the 1995 Symposium on the Promotion of Quality and Reliability at National Central University, Chungli. He recently published:  
Accelerated life test sampling plans for exponential distributions, 1994. Commu. in Statis 23(1).  
Average type II censoring times for the 2-parameter Weibull distribution. 1994. IEEE Trans. Reliability 43(1).  
The life of a statistician and management guru - Dr W. E. Deming (in Chinese), 1994. Quality Control Journal 30(11).

*ICSA 1996 Applied Statistics Symposium*  
*June 8-9, 1996*

親愛的會員：泛華統計會將訂於一九九六年六月八日至九日舉辦第六屆應用統計研討會。研討會舉辦地點和時間如下：

The Johns Hopkins University  
Shaffer Hall  
N. Charles and 34th Streets  
Baltimore, Maryland 21218

演講討論： 六月八日，星期六：上午 9:00 - 下午 4:30  
六月九日，星期日：上午 9:00 - 中午 12:00  
會員大會： 六月八日，星期六：下午 4:30 - 下午 6:00  
短期課程： 六月九日，星期日：下午 1:30 - 下午 4:30

Call for Papers

研討會的目的在於加強會員之間的聯系及促進會員在統計理論及應用上的興趣，意見交換及合作。研討會範圍包括生物醫學統計、數理統計、工業管理及經濟統計等方面的理論及應用。有意參加的會員請與梁廣義博士聯絡：

Kung-Yee Liang  
Dept. of Biostatistics  
The Johns Hopkins University  
Baltimore, MD 21205  
Tel: (410)955-7132  
FAX: (410)955-0958  
e-mail: kyliang@phnet.sph.jhu.edu

Any statistical topics are welcome. Please send abstracts to Kung-Yee Liang (see above address) by May 1, 1996. No abstract post marked after May 1, 1996 will be accepted.

*Sponsored by*  
*International Chinese Statistical Association*

泛華統計協會



**ICSA 1996 APPLIED STATISTICS SYMPOSIUM**  
at The Johns Hopkins University  
Shaffer Hall  
Baltimore, Maryland 21218  
June 8-9, 1996

**Abstract Form**

**Deadline for submission: May 1, 1996**

Name (English) \_\_\_\_\_ (Chinese) \_\_\_\_\_

Mailing Address \_\_\_\_\_

Tel. ( ) \_\_\_\_\_ FAX ( ) \_\_\_\_\_ E-mail \_\_\_\_\_

**Instruction:**

1. Type Abstract in the above box. Abstract must contain title (should be all caps), full names of authors, and text of abstract.
2. Mail it to: Kung-Yee Liang, Dept. of Biostatistics, School of Hygiene and Public Health, The Johns Hopkins University, 615 N. Wolfe St. Baltimore, MD21205.
3. An invitation letter will be sent to all the invited and contributed speakers.



**ICSA 1996 APPLIED STATISTICS SYMPOSIUM**

at The Johns Hopkins University  
Shaffer Hall  
Baltimore, Maryland 21218  
June 8-9, 1996

**Registration Form**

Name (English) \_\_\_\_\_ (Chinese) \_\_\_\_\_  
Last First Middle Initial

Affiliation \_\_\_\_\_

Mailing Address \_\_\_\_\_  
 \_\_\_\_\_

Telephone ( ) \_\_\_\_\_ FAX ( ) \_\_\_\_\_ E-mail \_\_\_\_\_

Registration Fee (Member \$10.00, Nonmember \$35.00*):	\$ _____
Short Course (\$25.00):	\$ _____
Banquet (\$20.00x____Adults + \$10.00x____Children**):	\$ _____
Saturday Lunch (\$7.00x____Adults + \$3.00x____Children***):	\$ _____
Sunday Lunch (\$7.00x____Adults + \$3.00x____Children***):	\$ _____
Membership Fee (Regular: \$25.00, Student: \$10.00, for new member only****):	\$ _____
Accommodation Fees for University Resident Hall on Campus*****:	
Single Occupancy \$38.20 x ____ night(s) x ____ room(s):	\$ _____
Double Occupancy \$30.60 x ____ night(s) x ____ room(s):	\$ _____
Parking \$ 2.50 x ____ night(s):	\$ _____
Saturday Breakfast (\$7.00x____Adults + \$3.00x____Children***):	\$ _____
Sunday Breakfast (\$7.00x____Adults + \$3.00x____Children***):	\$ _____
Donation:	\$ _____
Total:	\$ _____

- \* Registration fee can be waived for students certified by the faculty member.
- \*\* The banquet is free for children age under 6, \$10.00/ea for age 6-10, \$20/ea for age over 10. It is free for all the speakers and organizers.
- \*\*\* Breakfast and lunch is \$3.00 /meal for children age under 12.
- \*\*\*\* If you are not an ICSA member yet, you may join ICSA and pay the registration fee as a member.
- \*\*\*\*\* If the child occupies a bed, he/she will be charged at the same rate as above; should the child sleep in a crib, sleeping bag, etc. there is no charge.

**Additional Information:**

**Parking** On campus parking is free during the weekends.

**Residents Hall Facilities** Outdoor tennis courts and a running track are available without cost. The indoor swimming pool and basketball courts can be used by paying the \$2.00 entry fee directly to the Athletic Center at the entrance.

**Local Restaurants** Since there are very few restaurants near the campus, purchasing breakfast (for staying in resident halls only) and lunch tickets are highly recommended.

**Hotel Arrangement** Besides the University Residence Hall, there are ten rooms reserved for ICSA for reservation made before May 5, 1996 at Inn At The Colonnade, Double Tree, 4 W. University Pkwy, Baltimore, Maryland. The rate is \$107.00/ room/ night. Please call for reservation: (410)235-5400. Be sure to refer to the ICSA symposium when making the reservation.

**Entertainment** Karaoke will be hosted by Drs. Gordon Lan and Yi Tsong after the banquet. Please bring your favorite laser CDS.

**Instruction:**

1. Use a separate form (Xerox copies are accepted) for each registrant.
2. This form must be accompanied by a check or money order in U.S. dollar made payable to ICSA.
3. Please mail the registration form with payment to:

Li-Ping Yang  
 Dept. of Epidemiology  
 School of Hygiene & Public Health  
 The Johns Hopkins University  
 387 B Hampton House  
 624 N. Broadway  
 Baltimore, MD. 21205  
 Tel: (410)614-3518  
 e-mail: icsa@columbo.mts.jhu.edu

To ensure the reservation at University Resident Halls which have a limited number of occupancies, you must submit your registration form and payment **no later than March 10, 1996**. Early registration for meals and banquet is strongly encouraged. Program and a local map will be mailed to all registrants made before May 1, 1996.

Sponsored by  
 International Chinese Statistical Association  
 泛華統計協會

SHORT COURSE ANNOUNCEMENT

1:30 p.m. - 4:30 p.m., Sunday, June 9, 1996

INTERIM ANALYSIS, BROWNIAN MOTION AND MARTINGALES

Gordon Lan, Pfizer Inc.

This is an overview of sequential methods used in clinical trial data monitoring. We start with conditional power evaluation and stochastic curtailing, then a brief introduction to group sequential methods and spending functions. We consider three types of response variables: (i) immediate response variable, (ii) time-to-event variable and (iii) repeated measures. Many two-sample tests for these responses, when computed over time, approximate the Brownian motion processes. The second half of the course presents a casual introduction to martingales, or fair gambling processes. We describe the concept of a martingale and its application to the analysis of survival data, but without the mathematical rigor required for formal proofs. We use heuristic arguments to demonstrate that the logrank statistic evaluated over time is a fair gambling process, and introduce some mathematical notation and terminology along the way. These ideas are first introduced in the context of a discrete time process, and are then generalized to a continuous time process. With slight modifications, the same idea extends from the logrank to other linear rank statistics.

**Lecturer:** Dr. Gordon Lan received his B.S. and M.S. in mathematics from National Taiwan University in 1966 and Ph.D. in Statistics from Columbia University in 1974. Before joining the Pfizer Inc. as the Senior Technical Adviser, Dr. Lan has worked at the Division of Biostatistics, National Heart Lung and Blood Institute and Department of Statistics, George Washington University. Dr. Lan is a fellow of the American Statistical Association and is well known for his work on statistical methods for design and sequential data monitoring in clinical trials. Dr. Lan was a member of the FDA Pulmonary and Allergy Drug Advisory Board and currently serves on the Data Monitoring Board of several on-going clinical trials. Dr. Lan also served on the Board of Directors of ICSA (1987-1991), the ENAR Regional Advisory Board of the International Biometric Society (1988-1991) and was the ENAR Program Chair of the 1993 Joint Statistical Meetings. Recently, he served as the Program Chair of the 1994 ICSA Applied Statistics Symposium.

台灣統計界人數的小小統計

修正版

李隆安

中央研究院統計科學研究所

E-mail: li@pages.stat.sinica.edu.tw

上期會刊曾對台灣地區有多少「統計學家」，做出小小的統計。根據專家意見，趙民德博士的估計，約有300位博士，散見在政府機構（例如各級政府的主計單位），工業界（例如中油公司），與學術界（例如各個大專院校與研究機構）。下表所列台灣學術界的統計人才數目刊出後，經各界來函指正，修正如下：

學 校	系 所	人 數	學 校	系 所	人 數
中央研究院	數學所	4	台灣大學	數學系所	4
	統計所	32	師範大學	數學系所	1
政治大學	應數所	5	輔仁大學	數學系	2
	統計所	5		統計系	7
東吳大學	數學系	1	文化大學	應數系	1
淡江大學	數學系	9	中央大學	數學系	5
	統計系	10		統計所	9
銘傳學院	統計系	10	交通大學	統計所	6
清華大學	數學系	1	東海大學	統計系	5
	統計所	9	逢甲大學	應數系所	4
中興大學	應數所	2		統精系所	12
	統計所	9	中正大學	數學系所	5
成功大學	應數所	3	彰化師範	數學系	2
	統計所	17	高雄師範	數學系	1
中山大學	應數所	5	東華大學	應數所	2
總計：					186人

以上數目是保守估計（underestimated），一些在專科學校任教的新朋友均未列入，相信「道友」約有200人左右。

## 中央研究院統計科學研究所

誠徵統計及相關領域具博士學位之研究人員。本所現有研究人員三十餘位，圖書期刊及計算機軟硬體設備均齊全完善，竭誠歡迎有興趣於學術研究工作者的加入，請於1996年2月29日前洽：

Hwai-Chung Ho (何 淮 中)  
Search Committee  
Institute of Statistical Science  
Academia Sinica  
Taipei, Taiwan 115  
Republic of China  
TEL: 886-2-7835611 ext. 112  
FAX: 886-2-7831523  
E-MAIL: HCHO@STAT.SINICA.EDU.TW

## 交通大學統計學研究所誠徵人才

交通大學統計研究所成立於民國八十一年，是一個充滿朝氣，適合發揮所長與理想的地方。目前本所有缺額數名。我們歡迎從事統計研究多年之同仁或具有潛力的新銳申請。

本所除共有電腦室外，目前每位教授都擁有工作站或麥金塔個人電腦，並可透過網路和國內外學術網路連線。交通大學校內的超級電腦和在科學園區內的國家高速電腦中心也是可利用的設備。圖書與期刊豐富並正積極增購中。本校理、工及管理學院陣容整齊，又緊臨工業技術研究院和科學園區，是個非常適合學術交流與發展應用統計的環境。

有興趣者請將履歷，成績單(有工作經驗者免)，學位證書影本及介紹信三封寄至

新竹市大學路 1001 號  
國立交通大學統計研究所  
李昭勝教授收

Prof. Jack C. Lee, Director  
Institute of Statistics  
National Chiao Tung University  
Hsinchu, Taiwan

TEL : 886-35-728746  
FAX : 886-35-728745  
E-Mail : search@stat.nctu.edu.tw

INTERNATIONAL CHINESE STATISTICAL ASSOCIATION		MEMBERSHIP RENEWAL FORM		泛華統計協會		DATE:	
NAME	ENGLISH	LAST	FIRST				
	CHINESE						
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.\$25				STUDENT U.S.\$10		
	Biometrics Section Free				DONATIONS		\$
	SPOUSE (50% LESS)				PERMENANT \$250		
	SPOUSAL'S NAME:				TOTAL AMOUNT		U.S.\$
STATISTICAL AREA OF INTEREST  (TICK AS MANY AS YOU LIKE)	<input type="checkbox"/>	A	AGRICULTURE		<input type="checkbox"/>	F	HEALTH SCIENCES
	<input type="checkbox"/>	B	BUSINESS/ECONOMETRICS		<input type="checkbox"/>	G	PROBABILITY
	<input type="checkbox"/>	C	COMPUTING/GRAPHICS		<input type="checkbox"/>	H	SOCIAL SCIENCES
	<input type="checkbox"/>	D	EDUCATION		<input type="checkbox"/>	I	THEORY AND METHODS
	<input type="checkbox"/>	E	ENGINEERING		<input type="checkbox"/>	N	BIOSTATISTICS
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 Nancy C. H. Lo, Ph.D. 2575 Ardath Road La Jolla, CA 92037 U.S.A.							

FORM RF-II 1993

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



INTERNATIONAL CHINESE STATISTICAL ASSOCIATION		MEMBERSHIP APPLICATION FORM		泛華統計協會		DATE:	
NAME	ENGLISH	LAST		FIRST			
	CHINESE						
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.\$25		STUDENT U.S.\$10				
	Biometrics Section Free		DONATIONS		\$		
	SPOUSE (50% LESS)		PERMENANT \$250				
	SPOUSAL'S NAME:		TOTAL AMOUNT		U.S.\$		
STATISTICAL AREA OF INTEREST  (TICK AS MANY AS YOU LIKE)	<input type="checkbox"/>	A	AGRICULTURE		<input type="checkbox"/>	F	HEALTH SCIENCES
	<input type="checkbox"/>	B	BUSINESS/ECONOMETRICS		<input type="checkbox"/>	G	PROBABILITY
	<input type="checkbox"/>	C	COMPUTING/GRAPHICS		<input type="checkbox"/>	H	SOCIAL SCIENCES
	<input type="checkbox"/>	D	EDUCATION		<input type="checkbox"/>	I	THEORY AND METHODS
	<input type="checkbox"/>	E	ENGINEERING		<input type="checkbox"/>	N	BIOSTATISTICS
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 Nancy C. H. Lo, Ph.D. 2575 Ardath Road La Jolla, CA 92037 U.S.A.							

FORM RF-II 1993

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

I. C. S. A.  
2575 Ardath Road  
La Jolla, CA 92037  
U. S. A.