

泛華統計協會  
會刊

International Chinese Statistical Association



Bulletin

January 1997

編者的話：

會刊是我們會員的主要交流園地，預計每年在一月及七月發行兩期，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。稿件的截止日期是六月十五日及十二月十五日。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，請與泛華協會執行長羅黔輝（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:

丁美齡 (Chair)  
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1996 會刊通訊錄編輯人員

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## THE PAST, THE PRESENT, AND THE FUTURE OF INTERNATIONAL CHINESE STATISTICAL ASSOCIATION<sup>1</sup>

### HISTORY OF THE ASSOCIATION

In early 1970s, a group of Chinese statisticians got together and started a Chinese statistical organization which was known as the Chinese Statistical Association in America (CSAA). The CSAA was located at the University of Wisconsin, Madison, Wisconsin for a few years and then moved to the area of New Jersey. In late 1970s, as the size of the CSAA became larger and larger, it was moved back to Madison under supervision of Professor George C. Tiao. In mid 1980s, there was a need for a more formal organization to carry out functions and activities among all Chinese statisticians and scientists in the area related to statistics around the world. Subsequently, at the 1986 American Statistical Association (ASA) Joint Statistical Meetings (JSM) held in Chicago, it was suggested to change the CSAA to the International Chinese Statistical Association (ICSA) to accurately reflect the nature and scope of the organization. At the same meeting, it was also decided to establish an internal statistical journal to serve ICSA members. A Formation Committee was then formed. In 1987, the Formation Committee proposed a draft Constitution and By-laws which states the goal and structure of the ICSA. The ICSA was officially founded at the 1987 JSM held in San Francisco. The ICSA was registered in Delaware on the 8th of August in 1988. As a result, the ICSA was qualified for a non-profit organization under the 501(c)(3) status.

Currently, the ICSA has more than 1000 members from all over the world. The geographic distribution of the members is as follows. There are 63% from the United States, 16% from Taiwan, 10% from China, 3% from Canada, 4% from Hong Kong, 2.5% from Singapore and 1.5% from other areas. Shein-Chung Chow of Bristol-Myers Squibb Company, is the current President (1997) and Chien-Fu Jeff Wu of University of Michigan is the President-elected (1997). The past Presidents of the ICSA starting 1988 were George C. Tiao (1988), James C. Fu, Jia-Yeong Tsay (1990), Grace L. Yang (1991), Jack Lee (1992), Y. S. Chow (1993), Chiao Yeh (1994), Smiley W. Cheng (1995), and Kung-Fu Cheng (1996).

In 1990, a number of members who are in the area of biostatistics and biopharmaceutical statistics proposed to

<sup>1</sup>Part of the text was reproduced from Encyclopedia of Statistical Science Vol 3 edited by Kotz/Read/Banks, John Wiley & Sons, Inc..

establish a Biometrics section to meet the increasing needs of biometrics. A committee was formed in 1992 (i) to evaluate and identify the need for the field of biostatistics, (ii) to strengthen interaction among members in this field, and (iii) to discuss plans for establishment of the section. Consequently, Biometrics Section was approved by the Board of Directors in 1993 and was established on January 1, 1994.

#### THE OBJECTIVES OF THE ASSOCIATION

The ICSA is a non-profit organization. The Association is organized and will be operated for educational, charitable, and scientific purposes only. Its objectives are: activities, including publication of journals in statistics and probability, scientific meetings, and other educational programs; to promote better understanding and interest by the general public in statistical methodology and related applications; to promote better communication through the development of standards, and common terminology; to foster cooperative efforts among educational, research, industrial, and government personnel in statistical activities. The objectives are pursued without regard to race, creed, color, sex or nationality.

The Association has categories of members, including individuals and organizations. The right to vote, to sign referendum petitions, to hold office and to sign nominating petitions shall be limited to individual members.

The board of directors is the policy-making and legislative body of the Association. The board of directors consists of 16 elected members, the president, president-elect, past president and one member from each Section, and each district. Each elected member serves a three-year term and shall not be eligible for immediate re-election to the same office.

The officers of the Association are the president, president-elect, past president, executive director and treasurer. The executive director and treasurer are appointed by the board of directors, and serve a three-year term. Once elected to the position of president-elect, the incumbent shall serve a three-year term. The first year the incumbent serves as president-elect, the second year as president, and the third year as past president.

The purpose of Biometrics Section formed in 1994 is to rigorously pursue the objectives of the ICSA with the special interest in biometrics, to foster in the broadest manner biometrics and its application, and to promote unity and effectiveness of effort among all individuals and groups in the biometric community. The officers of the section consists of the chair, the chair-elect, the secretary, and the treasurer. The section also has a representative, elected by the section

members, on the ICSA's board of directors. The terms of the chair and chair-elect/vice-chair is one year and the terms of the secretary and treasurer are two years.

#### MAJOR ACTIVITIES IN THE PAST TEN YEARS

The ICSA has organized three International statistical conferences (ISC) since 1990: one in Hong Kong (1990), one in Taipei, Taiwan (1993), and one in Hsiungshen (Fragrant Hill), Beijing, China (1995). The fourth conference is planned to be held in Kunmin, China in 1998. The following were brief descriptions of the past three conferences.

The first ISC in Hong Kong, December 15 - 17, 1990 attracted 145 attendees: 45 from Hong Kong, 40 from China, 30 from Taiwan, 35 from the United States and other part of the world. A total of 110 papers were delivered. There were five invited sessions, and 18 contributed paper sessions. Topics included both theory and applications: estimation, time series, econometrics and social statistics, distribution theory, regression analysis, biostatistics, non-parametric and ranking selection, general linear model, sampling theory, density estimation and curve fitting, discriminant and data analysis, stochastic process.

The Second ISC was cosponsored with Taipei International Statistical Symposium, and Institute of Statistical Science, Academia Sinica, Taiwan, in Taipei, Taiwan, December 16 - 19, 1993. The theme of the conference was 'New expectation of statistical theory and application'. A total of 240 papers were delivered and topics covered biostatistics, econometrics, educational statistics, environmental statistics, experimental design, industrial statistics, limit theory and applied probability, official statistics, sample survey, social statistics, statistical inference, and time series. The number of attendees reached 500.

The third ICS was held in Hsiungshen (Fragrant Hill), Beijing. 200 attendees came from Japan, USA, Canada, Australia, Sweden and Austria. 192 paper were delivered. This 3-day conference also included four invited keynote speakers from China, Taiwan, Hong Kong, and the United States and a panel discussion on the Nuts and Bolts of Statistical Research which attracted a full house.

In 1990 the ICSA began to have its annual event of Applied Statistics Symposium on the east coast of the United States where most biometricians are located. The symposium is normally held in the spring. The purpose of the symposium are to enhance the communication among members, to promote interests, exchange ideas, and encourage cooperation in statistical theory and application. The scope of each symposium covers areas in

biomedical statistics, mathematical statistics, industrial management, econometrics and government statistics.

The ICSA held its first Applied Statistics Symposium on April 21, 1990, at National Institutes of Health, Bethesda, Maryland. Five interesting sessions such as Drug Stability and How to prepare to be a manager in the pharmaceutical industry were included. In 1992, the second ICSA Applied Statistics Symposium was held at Rutgers University, New Brunswick, New Jersey. There were 2 concurrent sessions, with a total of 25 sessions. Topics included drug efficacy and safety, statistical applications in industry, clinical trials, statistical career opportunity in the pharmaceutical industry and financial statistics. Attendees were over 120. The following symposia were held at Plymouth Meeting, Pennsylvania (1993), Food and Drug Administration, Rockville, Maryland (1994), Rutgers University, Piscataway, New Jersey (1995).

In 1996, the symposium held at The Johns Hopkins University, Baltimore, Maryland on June 8-9. In addition to 19 sessions (one keynote session, 16 invited sessions and two contributed sessions), there was a half-day short course. The topics of sessions covered medicine, public health, engineering and economics. In order to meet the needs of newly graduates, the future symposium will add sessions on career preparation. In addition, the ICSA also plans to have a symposium in the western region of the United States and possibly in other countries in the future. Moreover, a proceeding will be published after the symposium starting in 1997.

#### ACTIVITIES WITH OTHER ASSOCIATIONS

ICSA has collaborated with various professional societies in the past five years and is continuing seeking opportunities to extend its activities to promote statistical technologies useful in every profession. For example, the President of ICSA has been invited by Committee of Presidents of Statistical Societies (COPSS) to participate its annual meeting and activities.

In the past few years, the ICSA has actively involved with the activities with other non-statistical organizations. For example, In 1992, ICSA co-sponsored a statistical science and technique conference with the New York Chapter of the Chinese Engineer Association. In 1994 and 1995, the ICSA has established working relationship with the Bio/Pharmaceutical Science Division of the Society of Chinese Bioscience Association (SCBA) by organizing conferences on various topics in drug development and public health care. In 1994, the ICSA also co-sponsored a joint program at the Third Southern New England Science and Technique Exchange Conference at Hartford, Connecticut. Most recently, the ICSA has worked with a number of Chinese non-statistical

organizations to establish a network to provide a better services to the Chinese community (both statistics and non-statistics). The organizations involved include the American Chinese Pharmaceutical Association (ACPA), SCBA, the Department of Health of Taiwan, and Pharmaceutical Manufacturing Association In Taiwan.

#### PUBLICATIONS OF ICSA

The Association publishes *Statistica Sinica* (SS), *Bulletin*, *Directory*, and *Biometrics Newsletter*.

The *Statistica Sinica* (SS) is a statistical journal co-sponsored by ICSA and the Institute of Statistical Science, Academia Sinica, Taipei, Taiwan, R.O.C.. SS was first published in 1991, with two issues a year. Since 1996, the journal has published four issues a year in January, April, July and October. *Statistica Sinica* publishes original work in all areas of statistics and probability, including theory, methods, and applications.

The *Bulletin* and *Directory* was first published In 1986. Starting In 1991, due to increase of members, The *Bulletin* and *Directory* were published separately. The *Directory* is published every two or three years depending upon the need of the members. The most recent issue was published In 1996.

The purpose of the bulletin is to provide information about the activities of the association and ICSA members: Meeting minute of general business meeting, list of executive and members of committees, activities of members, meeting announcement, report of conferences and meetings, job announcements, financial reports, list of new members and non-technical articles In either Chinese or English. The *Bulletin* is published twice a year.

*Biometrics Newsletter* is published periodically beginning In 1995. The newsletter reports meeting announcement, activities of members and other important events within the *Biometrics* section.

#### FUTURE DIRECTIONS OF ICSA

1997 will be the tenth anniversary of ICSA. During the past ten years, ICSA has grown steadily and served members around the world. *Statistica Sinica* has become one of the most cited journals In statistics and probability. The future directions of the ICSA will focus on the following to expand its horizon and become a society that serves not only statistics profession, but also the society as a whole.

1. To publicize its activities.
2. To extend its services to China and Europe.
3. To offer more statistical conferences

4. To publish an additional journal in applied statistics.
5. To enhance communications with other statistical societies.
6. To involve activities with non-statistics organizations

Nancy C.H. Lo  
Executive Director of ICSA

## EXECUTIVES AND MEMBERS OF THE COMMITTEES OF ICSA 1997

### [1] EXECUTIVES

President : Shein Chung Chow (1997)  
Past President : Kuang Fu Cheng (1997)  
President-elect : Jeff C.F.Wu(1997)  
Executive director : Nancy Lo (1997)  
Treasurer : Christina Show (1997)

### [2] BOARD OF DIRECTORS

H.Z. An (1997); C. Chen (1998); ; T.T. Chen(1997); C.S. Cheng (1997); S.C. Chow (1997);  
J.P. Hsu (1999); I.K. Hwang(1999); F.Y.C. Ki (1998); J.C. Lee (1998); X.L. Meng (1999);  
K.T. Tsai(1998); Y. Tsong (1997); J.Y. Tsay (1998); J. L. Wang (1999); L.J. Wei (1997)

### [3] STANDING COMMITTEES :

#### (A) PROGRAM COMMITTEE (1997)

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

#### (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 (1997-1998)

R.S. Tsay (Chair); Chung Chen; Smiley Cheng; Wen-Jan Huang(  
Term of reference : to nominate candidates for the President-elect and members of Board of Directors.

#### (D) PUBLICATION COMMITTEE (1997-1999)

M.L. Lee (Chair); Karl Lin; Ching-Shui Cheng  
Term of reference : to supervise the publication policy of the Association , make recommendations with respect to the editorial policy of various publications and evaluate the need for an applied journal.

### [4] CURRENT COMMITTEES :

#### (A) MEMBERSHIP DRIVE COMMITTEE (1997-1999)

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)

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

#### (C) PUBLIC RELATIONS COMMITTEE (1997-1998)

H. Ju (Chair); J. Shih; S.C. Chow  
Term of reference : to contact news media and publicize ICSA activities, to serve as a liaison between ICSA and ASA for joint activities such as co-sponsorship of the Joint Statistical Meetings and to identify needs from non-statistical Chinese professional organizations such as ACPA and SCBA. .

#### (D) PROFESSIONAL ACHIEVEMENT (1997-1998)

K.Y. Liang(Chair); T. Chgn; G. Lan; P.E. Lin; J.Y. Tsay; C.H. Zhang; S.Y. Lee  
Term of reference : to evaluate the classification/applicability of guideline/procedures for various awards proposed by the Awards Committee, for selecting ICSA fellows, and for endorsing/nominating ICSA members to other statistical societies such as ASA and IMS.

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

J. Y. Tsay (Chair); W. H. Wang; G.Y.Li; P.E.Lin  
Term of reference : to accept, evaluate, and recommend nominations for ICSA various awards.

#### (F) APPLIED STATISTICS SYMPOSIUM COMMITTEE (1997)

Eric Chi; Z. L. Ying (Co-Chair); Timothy Chen; Colin Wu; Li-Ping Yang; Mei-Chen Wang; Yi Tsong  
Term of reference : to organize the Symposium in 1997.

#### (G) 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.

#### (H) CONFERENCE COMMITTEE (1997-1999)

X.L. Meng (Chair); Eric Chi; Z. L. Ying  
Term of reference : to oversee ICSA professional activities including international conference and applied statistics symposium.

### [5] BIOMETRICS SECTION (1997)

Yi Tsong ( Chair); K. L. Liang (Chair-elect); Colin Wu (Secretary); J. H. Hung (Treasurer);  
Timothy Chen (ICSA Representative)

## REPORTS FROM ICSA COMMITTEES

ICSA Committees consist of the Standing Committees as provided by the By-Laws and the Current Committees as may be established by the President with the consent of the Board of Directors. In 1997, two new current committees were established: Professional Achievement Committee and Conference Committee. The following are reports from some of the Committees on their activities in 1996 and their goals for 1997:

Nominating/Election Committee (1996, Chair: Ruey S. Tsay)

The 1996 nomination committee consists of Ruey S. Tsay, Chung Chen, Sik-Yum Lee, and Lung-An Li. Our main job is to identify candidates for the ICSA offices, namely President-elect and members of Board of Directors. It is our goal to nominate candidates that represent all members of ICSA, including: professionals from academic institutions, industrial organizations and governments; members from all geographical locations, from North America to Europe, and to Asia; and members from different research areas, including applied statistics, biostatistics, mathematical statistics, and probability.

In 1996, we nominated two candidates for President-elect and 9 for the Board of Directors. The election results were reported at the annual meeting in Chicago. Although it was a very tight race, especially for the Board of Directors, the election went smoothly. We thank all candidates for their willingness to serve and members who sent in their ballots. For those members who forgot to vote, we sincerely hope you will participate in the future election; your participation will definitely make a difference. Voting in the election is your right as well as an obligation as a member of ICSA.

We know that we still have a long way to go to achieve our aforementioned goal. Thus, we appreciate any suggestions and recommendations you may have for reaching our goal. Please feel free to nominate any qualified candidates to run for ICSA offices, including yourself. You may direct your suggestions to any of us. We shall forward your recommendations to the 1997 nomination committee.

Program Committee (1996, Chair: Xiao-Li Meng)

The program committee planned, coordinated, and arranged the ICSA annual meeting and also, the annual dinner, during the 1996 JSM in Chicago. Two new services were provided at the 1996 JSM. First, at the suggestion of Nancy Lo, the Executive Director, an ICSA desk was set up at the registration area of JSM to display ICSA publications (e.g., *Statistica Sinica*, *ICSA Bulletin*, etc.), to post dinner and other meeting information, and most importantly, to recruit new members of ICSA (as well as renew memberships). The ICSA table was staffed between 10am to 2pm Monday through Wednesday. Second, a travel service, announced in the July, 1996 issue of the *ICSA Bulletin*, was provided by Oriental Travel (OT) of Chicago. The original motivation for the service was to provide ICSA members with discounts for the annual dinner in the form

of dinner certificates for \$5 or \$10 to those who used the service. However, it appeared that many members did not take advantage of the service. One reason seemed to be because the discounts were not attractive enough to warrant the booking of tickets from out-of-state travel agency, which would be inconvenient for members. It is suggested that future program committees reevaluate the needs of continuing such or similar services.

Fundraising Committee (1997-1998, Chair: Naitee Ting)

The committee consists of Hong-Zhi An, Irwin Ho, Wai-Yin Poon and Christina Show. As the newly appointed chair of the Committee, I have set two new goals for the Committee:

1. to raise enough funds in order to hire permanent staff members for the Association. We hope to raise enough money to enable the Association to hire permanent staff members to assist with administrative responsibilities; and,
2. to raise enough funds to run the Applied Statistics Symposium. The Committee is aiming at raising sufficient funds for the 7th Applied Statistics Symposium, to be held in May-June, 1997. The goal is to raise \$10,000 to cover the expenses and to build a solid cushion for future symposiums. Professor Zhiliang Ying (the co-chair of the 7th symposium) is currently working on this project.

The Fundraising Committee in the past has always worked hard to raise funds for the Association. Without its efforts, the Association would not have had a strong financial foundation. We need your support to accomplish these two goals. The Association is ours, let's work together to make our Association stronger and better.

Conference Committee (1997-1999, Chair : Xiao-Li Meng)

The primary function of the Conference Committee is to oversee ICSA professional activities including international conferences and applied statistics symposiums. Currently, at least two major conferences are being planned. The 7th Applied Statistics Symposium is scheduled to be held at Rutgers University from May 30th to June 1st. Dr. Eric Chi of Hoechst-Roussel Pharmaceuticals and Professor Zhiliang Ying of Rutgers University are the co-chairs of the symposium program committee. Plans are also under way for the 4th ICSA International Conference, to be held in Kunming, China, in late August, 1998. (the 1998 JSM at Dallas will be held on 9-13, so there will be an ample time period between the two meetings). The coordinator of the conference is Professor Xiao-Li Meng of the University of Chicago.

ICSA PUBLICATION COMMITTEE(1997-1999)

Dr. Shein-Chung Chow, president of ICSA 1997, indicates that responsibilities of the Publication Committee are

1. To supervise the publication policy of the Association.
2. To make recommendations with respect to the editorial policy of various publications.
3. To evaluate the potential interest in organizing an applied journal.

Listed below are members of the ICSA Publication Committee(1997-1999).

C.S. Cheng, University of California, Berkeley,  
James Fu, University of Manitoba,  
Irving K. Hwang, Hoechst-Roussel Pharmaceuticals,  
Mei-Ling Ting Lee, Harvard Medical School,  
Karl K.F. Lin, Food and Drug Administration,  
George Tiao, University of Chicago,  
Y.L. Tong, Georgia Institute of Technology,  
Mei-Cheng Wang, John Hopkins University.

Dr. Karl Lin will take the lead on improving the publication of ICSA Bulletin. He will appoint key people in different geographic areas to be responsible for local news and correspondence.

There is no doubt that the publication of Statistica Sinica has been a success. Many ICSA members, however, have expressed interest in having a new journal with a focus on applied statistics. The publication committee will discuss this topic and prepare a report for the ICSA Board on the desirability and feasibility of publishing an applied statistical journal.

Respectfully submitted,

Mei-Ling Ting Lee

**FROM THE CHAIR EDITOR OF STATISTICA SINICA**

Dear ICSA Members,

Because of Professors George Tiao and Jeff Wu's outstanding leadership and tireless efforts, within a short time, Statistica Sinica has established an international reputation and has been ranked highly among statistical journals. Succeeding Jeff on August 1, 1996, I will try my best to keep up the good work and continue to make Statistica Sinica a journal we, the members of ICSA, can be proud of.

The biggest challenge for us is to maintain a steady supply of high-quality submissions. The demand is even higher now, since Statistica Sinica has expanded to four issues a year. Unlike many well established journals with which we have to compete, one luxury we do not have is to wait for people to submit. This is an area we have to work very hard on, and especially need the support of all ICSA members. We need your help in

- spreading good words about Statistica Sinica,
- getting your institutions to subscribe to Statistica Sinica,
- submitting your best work to Statistica Sinica, and
- encouraging your colleagues and friends to submit their good papers.

The editorial board will do the best to maintain and enhance the quality, provide speedy, courteous and helpful reviews, and continue the tradition of organizing and publishing special theme topics.

It has been the policy of Statistica Sinica to publish "original work in all areas of statistics and probability, including theory, methods, and applications." Admittedly, the journal has been less successful in the applied areas. Lack of submissions was a major factor. Again this needs your support, but we also have to recruit good applied papers more actively. Organizing theme topics in applied areas will be a high priority. We are currently planning a theme topic on bio/pharmaceutical statistics.

I will appreciate any suggestions you may have.

Ching-Shui Cheng



**ICSA 1997 Applied Statistics Symposium**  
**May 30 - June 1, 1997**

親愛的會員： 泛華統計會將訂於一九九七年五月三十日至六月一日，舉辦第七屆應用統計研討會，研討會舉辦地點和時間如下：

Rutgers University  
Science and Engineering Resource Center (SERC)  
Busch Campus  
Piscataway, NJ 08855

短期課程： 五月三十日， 星期五： 上午9:00 - 下午 4:30  
演講討論： 五月三十一日，星期六： 上午9:00 - 下午 4:30  
                  六月一日， 星期日： 上午9:00 - 中午12:00  
會員大會： 五月三十一日，星期六： 下午4:30 - 下午 5:30

Call for Papers

研討會的目的在於加強會員之間的聯繫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、工業及經濟統計等方面的理論及應用。有意參加的會員請與孫曉東博士聯絡：

Don X. Sun  
Room 2C-278  
600 Mountain Ave.  
Murray Hill, NJ 07974  
Tel: (908) 582-2149  
Fax: (908) 582-3340  
e-mail: dxsun@research.bell-labs.com  
www page address: <http://cm.bell-labs.com/stat/dxsun/icsa97>

Any statistical topics are welcome. Please send abstracts to Don X. Sun (see above Address) by April 1, 1997. Abstracts post marked after April 1, 1997 may not be accepted.

*Sponsored by*  
**International Chinese Statistical Association**  
**泛華統計協會**



**ICSA 1997 APPLIED STATISTICS SYMPOSIUM**  
at Rutgers University  
SERC  
busch Campus  
Piscataway, NJ 08855  
May 30 - June 1, 1997

**Abstract Form** **Deadline for submission: April 1, 1997**

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

Affiliation \_\_\_\_\_

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

Tel: (    ) \_\_\_\_\_ Fax: (    ) \_\_\_\_\_ E-mail \_\_\_\_\_

Please attach a separate page if additional space is needed

**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: Don X. Sun, Room 2C-278, 600 Mountain Ave., Murray Hill, NJ 07974
3. An invitation letter will be sent to all the invited and contributed speakers.



**ICSA 1997 APPLIED STATISTICS SYMPOSIUM**

at Rutgers University  
 SERC  
 busch Campus  
 Piscataway, NJ 08855  
 May 30 - June 1, 1997

**Registration Form**

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

Affiliation \_\_\_\_\_

Mailing Address \_\_\_\_\_  
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Tel : ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_ E-mail \_\_\_\_\_

Registration Fee* (Member \$50.00, Nonmember \$70.00):	\$ _____
Membership Fee (Regular : \$40.00, Student \$20.00)	\$ _____
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Short Course 3 (Member \$100, Nonmember \$125) How to Analyze Multiple Events Data Professor Daryu Lin, Half day in the morning	\$ _____
Short Course 4 (Member \$100, Nonmember \$125) Sample Size Reestimation for Ongoing Clinical Trials Dr. Joe Shih, Half day in the afternoon	\$ _____
Donation:	\$ _____
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 \*\*\* Fees include lunch on Friday

**Additional Information:**

**Hotel Arrangement:**

Quality Inn	1850 Easton Ave.	908-469-5050
Holiday Inn Somerset	195 Davidson Ave.	908-356-1700
Somerset Marriott	110 Davidson Ave.	908-560-0500

The Banquet and Karaoke party will be arranged by Irwin Ho, Danny Chaing and Joe Shui. Please bring your favorite laser CD


**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. Applied Statistics Symposium, 1997.
3. Please mail the registration form with payment to:

Yen-Chieh Cheng  
 Statistics Department  
 Busch Campus  
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 Piscataway, NJ 08855  
 Tel: (908) 445-2641  
 e-mail: ychong@stat.rutgers.edu

Please submit your registration form and payment no later than April 18, 1997. Program and a local map will be mailed to all registrants.

*Sponsored by*  
**International Chinese Statistical Association**  
 泛華統計協會

		
泛華統計協會 一九九七年五月三十一日晚		
姓名 (Name):		
歌名 (Song):		
SIDE	NO.	KEY
A/B _____	# _____	+/- _____

務請隨帶獻唱雷射唱片並將此表附夾片中

From: 林慧 政大統計系

To: 刁錦寰教授

魏慶榮教授

Dear 刁“先生”及魏“先生”，

It's nice to see you again in the annual meeting of CSA of Yesterday. 整個會議辦得非常成功，非常的informative. I am particularly interested in最後的discussion session. 不管統計界的大老、中老或小老，每個人都非常關心統計的出路問題，也給了非常多的寶貴意見，深感受益良多。其中對於刁教授及數位大老提出藉由選修minor以增加就業機會，I have some questions; 昨天因為時間的關係，不及向二位進一步請教，故drew了這個letter，to follow up 昨天的conversation. 懇請二位給予指正。

不容諱言，學生選修Minor，對於其日後找工作的確是一個plus。這個現象在美國亦可見，選修minor雖然可以治標，然而可能無法真正解決我們Statistical community in Taiwan的問題，My justifications are as follows:

- 1、在美國，不管在政府或工商業界，統計是一門well-defined的科學，一般非統計專業人員對統計的認識要比在台灣好的多，而對於統計專才的需求，也比台灣大。統計畢業生有基本的job market which requires statistical expertise。And statisticians are the ones who are capables in doing the job, who can not be replaced by anyone eles. For examples, brostatisticians in the phaimacertical industry, statisticians in sampling / survly business, statisticians in quality control process in industry. 在這個條件下，學生若對所將從事的行業有多一層認識，選讀為minor,不儘在專屬於statisticians的market上能較other competitors突出。在一些定義不是很清楚的行業上亦能勝任 (like my first job in the U.S., I was with AT&T。That position could be statisticians, economicist, or any one with business back ground)。反觀台灣，除了一些政府單位，在民間企業hardly to find專屬於統計專業的job。究其原因，乃是因為一般民衆對統計這學門相當的陌生，並不瞭解為什麼要用統計，在這種condition下，除了讓學生去擠那些“模擬兩可”的market外，是否有更積極的方法可行呢？
- 2、台灣及美國對統計的教學方式可能有些出入，在美國一般大學除了theory的development，更要求學生具有應用於application的能力。而在台灣，in general，教學偏重於理論，學生could never understand how come in a real experiment, sample size could be approxinate to infinity，教學與現實環境脫節，you won't be surprised to find一些學生畢業時，仍不知學統計到底要做什麼。此外，一些研究所畢業生其 大學主修並非統計，到研究所時，選了一個大學主修的學門為其minor，take這個advantage。而一些統計的基本tool

，如Reg, Design, Sampling可能仍未完全touch過，這樣的學生是否Qualify為M.S. in statistics?

統計是一門專業，應有其專業市場。然而在今天的台灣並沒有such a market。在這樣的大環境下選修minor，學生的確可以增加其就業機會。However, what I am concerned about is the job satisfaction。我見過很多學生畢業當秘書(including me in the early 80's)。在銀行、保險公司...等工作，They told me their jobs are nothing to do with statistics and they have forgotten what Reg, Design, simply is and, of course, it includes sigma-field。如果真是如此，統計系所培育出來的專業人才不能從事統計所屬的專業。試問統計系所是否有存在的必要？How about在別的系所中設立統計組，這不就Sufficient了？

As an alternative, I would suggest one of the solutions of the problems of today is to開拓屬於統計專業的market，我建議第一步是reach out and sell statistics。除了修正我們校內的教學方向，多教一些與現實相關的material，更需要re-educate nonstatistical community, show them the power and beauty of statistics。我想很多學校都朝這方面在做，我們的Stat. consulting lab 即是在這種認知下成立的。記得在座談會時，成大呂金河教授形容他們的lab是“接客”，If using the similar wording, 我們lab除了“接客”外，還“拉客”，我們request lab assistants 除了provide consultation還需做marketing。希望能藉由主動地deliver message。統計除了能share別的profession的market外，能慢慢地開拓出屬於它自己的market。雖然這是一個很大的project & Sounds difficult, 但是I'm very optimistic about it。希望statistical community的大老能帶領著中老，中老能帶領著小老及不老，show us the right way to go, 在統計的各個領域中，大家同心協力，I believe統計系所的畢業生會有一片屬於自己的天空的。

By the way, 如果趙蓮菊及周若珍教授的WISE成立時，我想他們會極歡迎兩位入會。It doesn't have to be female, For example, the "Committee on women in statistics" of ASA即有一些male committee member。One last thing, Please, if you could remember, 下次見面時，不要再叫我小姐。It's too good for someone reaching 40's in the profession. Just joking(only half!)

Best Regards

政大統計系  
“林慧”  
敬上

CC 成大呂金河教授

6/2/96

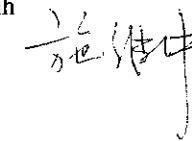
#### Discussion of Professor Huey Lin's Letter to Editor

First of all, I would like to thank the editor for giving me this opportunity to discuss the issues addressed in the letter by Professor Huey Lin. If I understand correctly, the discussion was about the professional recognition and the job market development and growth for statisticians, particularly for graduates majored in statistics in Taiwan. I have always thought about the promotion of statistics and have been involved in the school strategic planning in my local community here in the US. This issue of our professional development and the related issue of public awareness of our profession are always in my thoughts. The topic has many different aspects, including educational, social-economical, and historical issues, as I have shared my thoughts in many occasions in the past. Here I will discuss only those aspects raised by Professor Lin.

1. I agree with Professor Lin's observation that there is a different level of understanding and recognition of statistics as a special discipline between US and Taiwan (or for that matter, mainland China as well.) There is definitely a need for our (statistics) leaders to labor more in the society so that statistics can be further recognized as a useful discipline. This effort will no doubt benefit the whole society and our profession.
2. Education is always the way to start, which includes both school education and public education. For the time being, we need to do both because we try to catch up from behind. For the long run, these two will merge. It will be very refreshing if the Chinese Statistics Association (CSA) in Taiwan can lead in this direction. I am glad to hear that there was apparently some discussions among the statisticians in Taiwan on this matter. As a member of ICOSA, may be we should also think how we can support this effort.
3. About the content of the statistics education in Taiwan, I believe that we all, more or less, have the following feeling. Unlike engineers, pharmacists, medical doctors, accountants, computer programmers, journalists, or lawyers, the job of a statistician does not seem to be perceived by the general public as relevant to their living as these other professions are. However, all these professionals deal with data and make decisions, consciously or unconsciously, in their jobs. They should appreciate the skills needed to collect, process, analyze, and make decisions based on the data. And, to some extent, they compose a good part of the so-called 'public', and in many occasions, the business 'employers'. Why then do they generally not appreciate a 'statistics major'? Two possibilities: either they were naive about our profession, or the statistics graduates could not provide the service they needed. In either way, we somehow failed. We obviously need to do both: educate others the value of statistics, and equip the statistics majors the necessary skills to serve others.

Wei-Chung Shih

12/8/96



## 臺灣統計界人數的小小統計

第三版

李隆安

中央研究院統計科學研究所

臺灣地區有多少「統計博士」，根據趙民德博士幾年前的估計，約有 300 位博士，散見在政府機構、工業界、與學術界。這幾年海外學者大量的回國，根據下表，學術界的統計博士至少已達 290 位。

### 一、大學或研究機構任職者

學校	系所	人數	學校	系所	人數
中央研究院	社 科	1	政治大學	應 數	5
	數 學	4		統 計	10
	統 計	35	東吳大學	商 數	4
淡江大學	數 學	9	清華大學	工 工	2
	統 計	10		數 學	1
中興大學	應 數	3		統 計	9
	統 計	17	成功大學	應 數	3
中山大學	應 數	6		統 計	16
	企 管	1		公 衛	1
臺灣大學	數 學	5	臺灣師範	數 學	1
	公 衛	3	輔仁大學	數 學	1
	農 藝	3		統 計	9
	經 濟	2	文化大學	應 數	1
中央大學	數 學	4	交通大學	統 計	6
	統 計	9	東海大學	統 計	8
逢甲大學	應 數	4	中正大學	數 統	4
	統 精	3	東華大學	應 數	4
	統 計	9	彰化師範	數 學	2
高雄師範	數 學	2	靜宜大學	數 學	1
中原大學	數 學	1	陽明大學	公 衛	1
總 計					220 人

### 二、公立學院任職者

學校	人數	學校	人數
臺灣工業技術學院	5	雲林技術學院	8
臺北師範學院	1	臺中師範學院	1
嘉義師範學院	1	臺南師範學院	2
屏東師範學院	3	花蓮師範學院	2
高雄醫學院	1	中山醫學院	2
元智工學院	2	中華工學院	2
高雄工學院	4	銘傳管理學院	7
實踐設計管理學院	1	慈濟醫學院	1
嘉南藥理學院	1	朝陽技術學院	5
臺北市立師範學院	1		
總 計			50 人

註：總共有 43 所學校，其中公立 19 所，私立 24 所。

### 三、軍事學校任職者

學校	人數
國防管理	1
空軍官校	1
中正理工	1
總 計	3 人

### 四、公立專科學校任職者

學校	人數	學校	人數
高雄工商專科學校	1	明新工商專科學校	2
大華工商專科學校	1	大漢工商專科學校	1
德明商業專科學校	1	僑光商業專科學校	1
嶺東商業專科學校	1	崇佑企業管理學校	1
美和護理管理學校	7	臺南家政專科學校	1
總 計			17 人

註：總共有 69 所專科學校，其中公立 14 所，私立 55 所。

AMERICAN  
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EWAS & WNAS

JOINT STATISTICAL MEETINGS  
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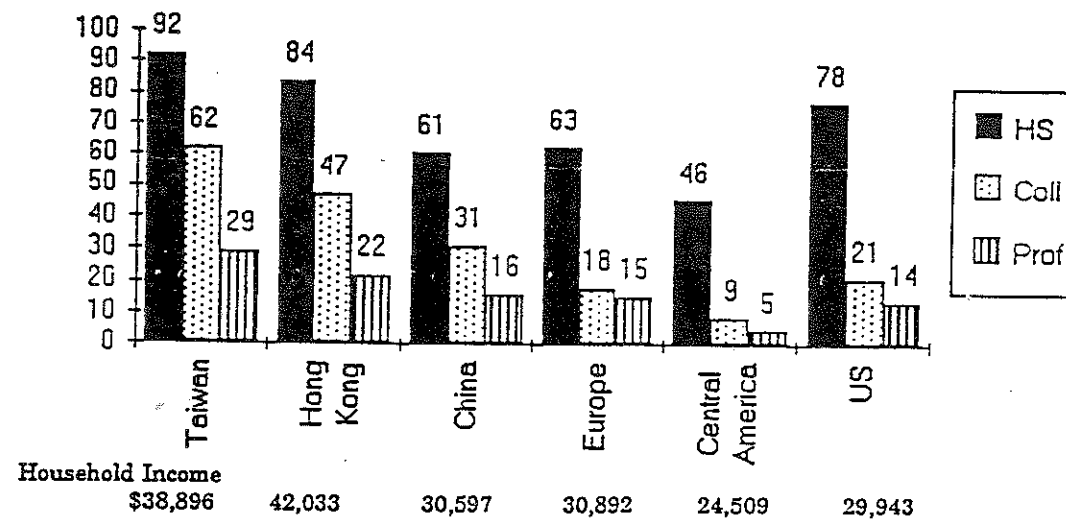
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News Release  
Embargoed until August 5, 1996

Contact: Marilyn Humm  
or Curtis Brooks  
(703) 684-1221

LEGAL IMMIGRANTS CONTRIBUTE TO U.S. QUALITY OF LIFE

Educational and Professional Status of  
U.S. and Immigrant Groups (in percent)



A study done at the Chicago State University by Ben-chieh Liu, PhD., Professor of Management and Statistics, showed that the impact of immigrants on the quality of life in the host country can be quite positive. Dr. Liu, and his co-authors Dr. Maw-in Lee, University of Missouri-Columbia, Dr. S. Y. Lee of National Dong Hwa University, Taiwan, and Dr. William Crawford of North Central College, in a presentation at the JOINT STATISTICAL MEETINGS, (CHICAGO AUGUST 3-8) pointed out that educational attainments acquired both before and after arrival in the host country play a large role in the relative

contribution immigrants make to the community in which they live.

Dr. Liu pointed out that the fear of the "legal immigrant burden" on the public welfare roles was in some cases clearly misplaced. He linked educational attainments and professional participation as key, and statistically significant, factors in determining the success of immigrants in establishing a better quality of life for their communities. Dr. Liu stated that data for many other Asian immigrants trailed those of Taiwan but still showed strong economic and educational advantage when compared to the rest of the country. Dr. Liu's report is based on data from the Federal government and published in the Statistical Abstract of the United States for 1992.

In focussing on the Chinese immigrant community, whether originally from Hong Kong, Taiwan, or Mainland China, he said the percentage of high school graduates, college graduates and the number who entered the professions was greater than for the nation as a whole. For Taiwan in particular, Dr. Liu's study showed that 92% of immigrants from Taiwan were high school graduates compared to a figure 78% for the US. 62.2% of immigrants from Taiwan are college graduates compared to 21.4% for the overall US population. The average household income for Taiwanese immigrants for the year 1990 was \$38,966 compared to \$29,943 for the U.S. as a whole.

# # #

*The JOINT STATISTICAL MEETINGS are sponsored by the American Statistical Association, the International Biometric Society, Eastern and Western North American Regions, the Institute of Mathematical Statistics and the Statistical Society of Canada. Held this year in Chicago, the Joint Meetings draw more than 4,500 statisticians and other scientists.*

## 泛華統計協會會員大會記錄

日期：一九九六年六月八日（星期六）下午五時  
地點：Johns Hopkins University Baltimore, MD, USA  
Shaffer Hall Auditorium  
主席：鄭惟孝  
記錄：鄭惟孝  
出席人數：約一百五十人

主席先解釋會員大會在 Baltimore 舉行的來由：這是過去幾次 Applied Statistics Symposium 的建議，去年八月在 Orlando 的理事會上通過今年在 applied statistics symposium 及八月份的 joint statistics meetings 中各舉行一次理事會及會員大會。這樣，有些參加前者而不出席後者的也有機會參加會員大會，所以今天才有這大會。鄭光甫會長因事不能出席，下任會長周賢忠趕去 San Diego 參加另一研討會，這大會由上任會長鄭惟孝主持。

一、議決暫定議程：通過。

二、議決上次會議記錄（已刊登在今年六月份的協會 Bulletin 上）：修訂 Orlando 一字後通過接受。

三、討論上次會議記錄有關事項：

- 〔一〕協會的 E-mail 網路已有陳占平教授建立，謝謝他的熱心。理事會通過請陳教授的委員會負責 Screen incoming message。與絕大多數會員有關的訊息再發出給各會員。
- 〔二〕會員通訊錄已寄出，如有遺漏或錯誤之處請與秘書連絡。
- 〔三〕第三屆國際研討會已於去年八月在北京順利舉辦，有近兩百人參加，發表了近 190 篇論文。
- 〔四〕協會與臺灣中央研究院統計研究所合辦的學誌已選出下任主編：加州大學（柏克萊校區）統計系的鄭清水教授，他於八月一日起接任。北美的業務編輯鄭惟孝任期將於年底到期。現已選定由賓州大學的林共進教授接任。

四、會長報告：缺

五、工作報告：主席代秘書及財務報告並報告理事會通過的幾項重要決議。

- 〔一〕會費將於明年起調整，增加數目將於八月的理事會上議決。
- 〔二〕E-mail 網路已成立委員會（陳占平負責）會 Screen Message，並負責撰我們的 Home page。
- 〔三〕今年改選的結果及會章會規的選票結果將於八月份的大會上宣佈。
- 〔四〕秘書希望會員踴躍提供 Bulletin 稿件以充實內容。呼籲會員按時繳交會費，

申請為永久會員會解決忘了繳會費的可能性，並請會員多拉新會員入會。

〔五〕協會的帳務到五月底尚餘 \$52500 的存款。

〔六〕學誌報告（鄭清水）：學誌已漸漸上軌道，並稍建立了良好的名聲，但仍需會員不斷支持，多寄好論文來。自今年起，一年發刊四期（過去是兩期）。

〔七〕Biometric Section 報告（陳達）：希望會員多參加這個 Section，除 Symposium 外，將來考慮辦 Seminars, Short Course 及 Workshop！

六、討論事項：

〔一〕美洲華人生物科技會的曹安邦院士簡介他們學會的目標，歡迎協會的會員也加入他們的學會。

〔二〕永久會員的恢復已於去年理事會議決通過。會費是一次繳交年會費的十倍。

七、六時十分散會。

## 泛華統計協會一九九六年大會 會議記錄

時間：一九九六年八月七日（星期三）下午五時半至七時半

地點：美國 Illinois 州 Chicago 的 Hyatt Hotel Regency B.

- 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〔鄭光甫〕：

本協會自一九八七年成立至今已九年，明年〔一九九七〕將是十週年紀念。在九年中，先後為本協會會員共有 1000 位，但目前繳納會費的只有 500 餘位。希望大家按時繳會費。本協會是華人協會最大之一，此仍靠大家之努力。希望世界各地會員，不論是北美、台灣、中國、香港、新加坡、歐洲、澳洲各地都能建立一向心力。協會出版的中華統計學誌〔*Statistica Sinica*〕和泛華會刊〔*Bulletin*〕都是會員活動的園地。

本協會每 2-3 年舉辦一統計學術研討會，曾在香港、台灣、中國香山舉行。第四屆國際研討會將於一九九八年八月二十五日左右在昆明舉辦。中國大陸朋友們已著手籌辦。希望大家踴躍參加。除此外，本協會今年在北美 Baltimore 舉辦第六屆應用統計研討會，相當成功，與會者有 170 位。明年將在 Rutgers University 舉辦，並慶祝本協會成立十週年紀念。會議由應志良與齊茂松籌劃。我們希望此研討會以後能舉辦涵蓋全球各地華人。

目前本協會正考慮與 ASA 合辦 joint meeting。周賢忠代表本協會與 ASA 連絡，成功與否在於 ASA 之條件，可能牽涉財務上的承諾。我們要恭賀四位 ICSA 會員被選為 ASA Fellow：李譚靜如、施維中、陳章榮和蔡知令。

### 五、工作報告：

#### 〔一〕 Biometrics Section〔藍光國〕

下屆 Chair 是梁廣義教授。本 Section 之主要活動是每年一次的應用統計研討會。今年此研討會於六月八、九日在 Baltimore 舉辦的，共 170 餘人參加。並有一 Short Course，35 人參加，十八個 Sessions，其中兩 Sessions 是由會員提供。ASA 的 Mitchell Gail 是 Keynote speaker。此外，並有一座談會。

#### 〔二〕中華統計學誌〔*Statistica Sinica*〕〔鄭清水〕

我很榮幸地成為主編，此學誌是大家的刊物。希望大家踴躍投稿，我要強調一事：維持水準。請注意學誌第一頁‘*Statistica Sinica publishes original work in all areas of statistics and probability, including theory, methods and applications....*’所以並不只限於理論的論文。我們已請藍光國與施維中作生統副編輯。Homepage 由林共進負責。希望會員引用學誌文章，以提高本學誌的 Impact factor。

### 〔三〕 葆獎委員會 (Awards Committee) (蔡嘉永)

本 Committee 今年公開徵求會員推薦得獎候選人 (見 1996 年七月 Bulletin)。我們建議四項頒獎類別：

#### 1. Fellow

#### 2. Extraordinary Achievement Award

#### 3. Distinguished Service Award

#### 4. Certificate of Appreciation

得獎者除符合得獎標準外，未得獎者將被優先考慮。本 Committee 負責 2 與 3 項，第 4 項由會長決定，第 1 項是由一籌劃小組負責。今年得獎者是：Extraordinary Achievement Award：魏立人、周賢忠。Distinguished Service Award：莊易、藍光國 (見本期會刊後頁)。Certificate of Appreciation 得獎者是梁廣義和陳占平。梁廣義負責今年應用統計研討會極其成功。陳占平建立 ICSA E-mail 網路促增會員之連絡與溝通。

### 〔四〕 業務報告〔羅黔輝〕

自 1997 年 1 月 1 日會費將是 \$40.00US，學生 \$20US，永久會員會費是 \$400.00US。會費調整的原因為每年協會支出約 \$10,000.00，但普通會費收入為 \$6,000。今年收入較多的原因是許多會員變成永久會員。會員們如有地址或 E-mail 之變遷，請盡快通知我，以維持正確會員資料。每年十一月間我們發出會員會費通知，請各位盡量於年底繳納會費，以免將來收不到刊物。

財務報告：12/1/95-7/31/96

1995 年盈餘	\$42688.98
收入	\$18704.36
支出	\$9363.57
盈餘	\$52029.77〔見本刊附表〕

### 六、選舉結果報告〔蔡瑞胸〕

President-elect 由吳建福當選。Secretary 改名為 Executive Director 通過。五位理事：徐建萍、羅小華、孟曉犁、王建玲、黃克歐。此次選舉共發 390 票，收回 193 票，回票率近 50%。明年 IMS 將於七月七日至九日在台灣舉行 Regional meeting，希望大家參加。

### 七、頒獎〔見工作報告〕

### 八、討論事項

ICSA 是 Nonprofit Organization，所有 Donation 均為 Tax deductible

### 九、座談會〔取消〕

### 十、七時十分散會



# 泛華統計協會，十年有成，功績斐然 對泛華統計協會及相關問題可聯絡羅輝博士或周賢忠博士

泛華統計協會(International Chinese Statistical Association)是全世界統計學界最負盛名之華人學術團體，在國際權威學者如刁錦寬、周元榮、羅昭容、吳建福等推動下，於十年前正式成立，目前擁有中外會員六百餘人，遍布全球各地，除了每年與全美統計學會(American Statistical Association)、國際生物統計學會、數理統計學會及加拿大統計學會等共同參與盛會外，更逐年分別與大陸及臺灣等地統計學會共同舉辦聯合學術年會，提升學術交流，促進人才交流，宏揚統計功能，加強華裔學人聯繫。該學會出版之學誌(STATISTICA SINICA)在短短數年間已躍進為全球統計學誌最優者，林林，誠為難能可貴。

泛華統計學會今年出席在芝加哥之全統計聯合年會中更是成果斐然，除了有論文發表多達三百餘人次(占全體大會千餘篇論文，五千餘人次之眾，可見一斑)外，另有四位會員再度膺選為全美統計學會 Fellow(院士)為：譚靜如教授(奧克拉荷馬大學，生統)；蔡知令教授(加州大戴維斯校區，計統)；陳登榮博士(聯邦食品藥物局，毒理)及施維中博士(Merck公司，生統)；在聯合年會中擔任共同節目主席團主席的是羅昭容(馬利蘭大學，MS)及王榮甫(強氏霍布森新大學，ENAR)兩教授；擔任美國統計學會志願編輯的蔡瑞卿、許建新、劉軍、鄧軍、黃永良、魏立人及孟曉雲等教授及泛華會誌主編鄭清水、林共進、陳江、劉榮木、藍光國等教授亦都在大會上扮演重要角色。泛華(ICSA)歷屆會長在歷屆主席與前及新當選會長周賢忠等全部全權參與。劉本傑、李茂林、李少如等合編之會誌中成為八篇對新聞界發布新聞取件用之一。之外，由臺灣前來社會者尚包括：黃文璋、羅夢卿、張福春(中山)、趙耀利(清華)、劉仁沛(成功)、陳顯

泛華統計學會年度會員大會亦於聯合年會期間(八月七日)下午六時在 Regency Hotel 召開，由前任會長鄭光甫(臺灣中央大學教務長)主持，財務秘書羅輝博士(美國聯邦農務部實驗室)記錄下，圓滿結束。選出新任會長周賢忠博士(Bristol-Myers 公司生統副主任)及其他相關人員，推動來年會務。該會年度晚宴是由芝加哥大學之羅輝教授安排，在華王飯店舉行。除了前述多人外，共有老(1960's)、中(1970's)、青(1980's)、少(1990's)統計學界教授專家等百餘人與會，中外嘉賓學子四代共聚一堂，大快朵頤。飯後之卡拉OK由羅夢卿(中山)及林謙(政大)兩位教授獻歌，高歌一曲，聲王、前會

長蔡嘉永及泛華學界領袖刁錦寬夫婦之拿手好戲則因專具失常而令大家同聲嘆息，美中不足憾事一掃，獲得明年在加州安那新聚會時，再獲分派！

泛華統計學會與華裔留學生的「楚才晉用」和「人才回流」，帶動了臺灣經濟與政治奇蹟的「良性循環」結果，在前述劉的文章中，有關「教育」所得與移民「節上」皆良多，足資借鑒。除了華文所述不在話下，多系由美國深造者學成返臺外，周兩院士之貢獻首屈一指，其他諸位泛華會長如鄭光甫、李昭勝(清華大學)及傅權等(東華大學)均已陸續回臺，長期擔任為統計往下扎根，培育英才的回饋橋樑重任。「Reverse Brain-Drain」印證在泛華統計協會的心路歷程上，更是遲遲可致，發起該會之刁、周兩組師，功不可沒。

對泛華統計協會及相關問題聯絡羅輝博士：Dr. Nancy Lo P.O. BOX 271 La Jolla, Ca. 92038. 電話：619-546-7123. 傳真：619-546-7003 或周賢忠博士：Dr. Shen-Chung Chou. 電話：609-897-897. 傳真：609-897-6104.

# 芝加哥新聞

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## 泛華統計協會 1996 年大會 期刊委員會 會議記錄

時間：1996 年八月六日八時至十時  
地點：美國芝加哥 Hyatt Regency Hotel  
出席：楊照崑 (Chair)、傅權、藍光國、蔡瑞卿、羅昭容、羅黔輝、鄭清水

- 主要討論及決議事項
- (一) 本委員會 (Publication Committee) 只過問 ICSA Bulletin 的出版及內容。Statistica Sinica 另有委員會參與，基本上不受本委員會之約束。有關 Statistica Sinica 之建議，可直接與 Statistica Sinica 的 editor 和 associate editors 連絡。
  - (二) 希望在香港、中國大陸、及臺灣都能推薦一個 Bulletin 的連絡人，對 Bulletin 提供當地的新聞。因為刊物目前在美國編輯，美國方面新聞可直接送至 Bulletin 的 editor。
  - (三) 由會長任命一位 Bulletin 的 editor，為期三年。而 editor 可以任命若干 associate editors。
  - (四) 本屆 Committee 八人將在 1996 年年底到期，請會長及下屆會長共同推舉一新的 Committee。
  - (五) 希望泛華會員多多對 Bulletin 提供有趣的新聞、題目及討論。只有個人新聞，應有一定的頁數限定。
  - (六) 航寄 (Air mail) Bulletin 到美國以外地區花費甚大。希望能有更省錢的方法。郵寄給各地會員。

## 會員動態

陳占平 (Hubert Chen) was appointed as a visiting professor to Xian Petroleum Institute, Xian, China, beginning in 1996 (without pay position). Professor Chen is also going to visiting Tamkang Univ., Taipei, Taiwan, as a visiting research professor in spring 1997. He will be giving a series of talks in April, at Tamkang Univ., funded by National Science council, Taiwan.

Professor Chen and one of his students created a new stock fund performance ratio that can beat the Sharpe ratio developed by former Nobel Prize winner, Dr. W. Sharpe. This new ratio may become a revolutionary way to evaluate stock performance.

Professor Chen created ICSA e-mail network. Members can use <mail icsa@stat.uga.edu> to mail their professional messages and announcements to all members. If you have any suggestions to create the HOME PAGE of ICSA, please write to <chen@stat.uga.edu>.

黃大威 (Dawei Huang) of the school of Mathematics at Queensland University of Technology, Juming Juang of the Department of Statistics at Case Western Reserve University, and T. Chiang of the Department of Probability and Statistics at Peking University have recently received the Chinese National Natural Science Award for their work in "Prediction Theory and Markov Model Identification of Random Fields". This is China's most prestigious award for contributions in the field of natural sciences.

伍鵬 (Colin Wu) recently has published:  
 "Estimating the real parameter in a two-sample proportional odds model", 1995. Annals of Statist., 23:376-395  
 "Minimax density estimation with length biased data". 1995. Mathematical Methods of Statistics, 4:56-80

劉本傑 (Ben-Chieh Liu) Ben has always been busy: teaching and research efforts at Chicago State sound like and endless cycle, and running and traveling to meetings and conferences are as crazy as ever. No sooner had he completed his ASSA-CEANA meetings in San Francisco, he delivered papers in Hong Kong, Taipei, Beijing, Shanghai, Ottawa, etc. After attending the R.O.C.'s Presidential Inaugural (5/20), Ben came back for the National Conventions held in San Diego and in Chicago he worked enthusiastically and painstakingly in the 1996 general election. In addition to 1996 meetings of ASSA, ABA, MBAA, ASA, CAPAMA, CEANA, Ben is also involved in next years meetings in New Orleans, Las Vegas, Hong Kong, China, Chicago, Canada, Mexico, etc. and he will be on the road soon-- as a Fulbright Professor to lead the International Enterprise Institute at the National Dong-Hwa U in Hualien, Taiwan (國立華東大學國企所)

## ICS A 新會員名單

(6/96-12/96)

Gail, Mitchell		NCI, DCE, Rockville, MD
Chiu, YuKang	邱宇光	Ligand. Pharm. Inc. San Diego, CA
Jie, Chen		UCONN
Xie, JingDong	謝敬東	The Johns Hopkins Univ., Baltimore, MD
Tao, Peng	陶鵬	The Johns Hopkins Univ., Baltimore, MD
Lu, Shou-En	陸守恩	The Johns Hopkins Univ., Baltimore, MD
Kuo, Yen-Hong	郭彥宏	The Johns Hopkins Univ., Baltimore, MD
Kou, JinYee	寇靜宜	The Johns Hopkins Univ., Baltimore, MD
Hwang, Wei-Ting	黃維婷	The Johns Hopkins Univ., Baltimore, MD
Huang, Guan-Hua	黃冠華	The Johns Hopkins Univ., Baltimore, MD
Huang, Wenzheng	黃文政	The Johns Hopkins Univ., Baltimore, MD
Chen, Dalei	徐大磊	The Johns Hopkins Univ., Baltimore, MD
Chiang, Chin-Tsang	江金倉	The Johns Hopkins Univ., Baltimore, MD
Chiu, Yen-Feng	邱燕楓	The Johns Hopkins Univ., Baltimore, MD
Dong, Qunming	董群明	The Johns Hopkins Univ., Baltimore, MD
Wu, Huhai	吳余海	Cornell Univ.
Chan, Keith	陳桂恆	FDA rockville, MD
Chen, Li	陳立	Harvard Univ.
Ma, Zhenxu	馬振旭	Univ. of Kentucky
Lu, Lisa	呂立	Time Life Inc., VA
Li, Jun	李峻	The George Washington Univ. DC
Hwang, Kai-Lin	黃凱琳	Rockville, MD
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Guo, ChuanFa	郭傳法	Baltimore, MD
Ruan, Ling-Yu	阮令瑜	NJ
Xiong, Xiaoping	熊小平	Cleveland, Ohio
Yan, Ying	嚴英	Zeneca Inc., DE
Kung, Terry	龔雪清	Alexandria, VA
Wang, Daniel	王忠成	Merck Res. Lab, NJ
Kou, Steven	寇星罡	Univ. of Michigan
Chen, Sean X.	陳向華	New York
Hoover, Donald	胡佛唐納	JHU, Baltimore, MD
Neeman, Teresa		FDA, Rockville, MD
Rao, J. Sunil		Cleveland, Ohio
Lu, Hong	盧江	Univ. Michigan
Soon, Guoxing		Univ. of Michigan
Liu, XiLing	劉西翎	Chicago, IL

Hong, Sheng-yan	洪聖岩	Evanston, IL
Xie, Qun	謝群	New Haven, CT
Li, Hongzhe	李洪哲	Mayo Clinic, MN
Wang, Xiaodong	王曉東	Suny Binghamton, NY
Miao, Weiwen	繆偉文	South Hadley, MA
Chang, Shu-Hui	張淑惠	NTU Taipei, Taiwan, ROC
Xue, Xiaonan	蘇笑男	Albany, NY
Chang, Fu-Chuen	張福春	Kaohsiung Taiwan ROC
Zhou, Lingzhi	周靈芝	Summit, NJ
Huang, Dawei	黃大威	Runcorn, Brisbane, Australia
Jin, Jiang	金江	Birmingham, AK
Zheng, BeiYao	鄭北瑤	Gainesville, FL
Ding, Aidong	丁愛東	Boston, MA
Tang, Ling Qi	唐令琪	Winnipeg, MA Canada
Shih, Mei-chiung	施美瓊	Edison, NJ
Wu, Dane	吳文珍	Puyallop WA
Xie, Hansheng	謝漢生	Winnipeg, MA Canda
Gao, Jiti	高集体	Brisbane, Australia
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Zhang, Fan	張帆	UCLA CA
Liu, Zhihui	劉智慧	E. Lansing MI
Wang, Chuanguo	汪傳國	Ann Arbor, MI
Xu, Li-an	徐立岸	Ann Arbor, MI
Zhu, Yu	朱宇	Ann Arbor, MI
Zhong, Rong	張戎	Ann Arbor, MI
Qin, Zhaohui	秦昭暉	Ann Arbor, MI
Liao, Jinzhong	廖謹忠	Ann Arbor, MI
Weng, Chiu-hsing	翁久幸	Ann Arbor, MI
Ye, Qian	葉謙	Ann Arbor, MI
Hou, Xiaoli	侯小麗	Ann Arbor, MI
Cheng, Shaowei	鄭小為	Ann Arbor, MI

### ICSA 捐款人芳名

6/96 - 11/96

從一九九六年六月一日至目前為止，

ICSA 計收捐款伍筆計 250.00 美金。

捐款芳名謹列如下：

楊志明，余宇，陳江，洪志真，羅黔輝

感謝以上會員對協會的捐助。

### Congratulations to the following ICSA members who were elected as ASA fellows:

1995

Shein-chung Chow (周賢忠), Director and Head, Bristol-Myers Squibb company; For his outstanding contributions to biopharmaceutical statistics.

Jack chao-Sheng Lee (李昭勝), Professor and Director of National Chiao Tung University; For his valuable contributions in multivariate and time series analysis.

Kung-Yee Liang (梁廣義), Professor of Johns Hopkins University; For his significant contributions to the theory of longitudinal and correlated data analysis.

Wai-Yuan Tan (譚外元), Professor of the University of Memphis; For his significant contributions to stochastic modeling of carcinogenesis, robust method, Bayesian and multivariate analysis.

1996

James J Chen (陳章榮), Mathematical Statistician, National Center for Toxicological Research; For the development of innovative statistical methods for the analysis of toxicological data.

Elisa T. Lee (譚靜如), Dean of the College of Public Health and George Lann Cross Research, Professor of Biostatistics and Epidemiology, University of Oklahoma; For applications of statistics in the biomedical sciences.

Wei-Chung J. Shih (施維中), Senior Investigator, Biostatistics and Research Information Management, Merck Research Laboratories; For leadership in biostatistics research in drug development, especially in sample size reestimation for ongoing clinical trials.

Chih-Ling Tsai (蔡知令), Professor of Statistics, Graduate School of Management, University of California, Davis; For contributions to statistical theory and methodology, especially model selection, regression diagnostics and non-linear regression analysis, and for excellence in teaching.

**Extraordinary Achievement Award To Dr. Shein-Chung Chow (Bristol-Myers-Squibb Co.) for his:**

- a. Significant contributions while serving as the Secretary of the ICSA for 3 years;
- b. Significant contributions in the success of the 1996 ICSA Applied Statistics Symposium;
- c. Promoting the visibility of ICSA by initiating academic exchange with other professional societies through co-sponsoring symposia;
- d. Successful corporate fund-raising effort; and
- e. Serving as the 1996 ICSA President-Elect.

Dr. Chow is an ASA Fellow and currently serving on the Executive Committee of ASA Biopharmaceutical Section. He coauthored several books in biostatistics and recently received An outstanding service award from Drug Information Association, An international health care professional society.



周賢忠 (Shein-Chung Chow), 鄭光甫 (Kuang Fu Cheng, past president), and 蔡嘉永 (Jia-Yeong Tsay, Awards Committee Chair).

**Extraordinary Achievement Award To Dr. Lee-Jen Wei (Harvard University) for his:**

- a. Serving the Chair of the 1987 founding conference of ICSA in San Francisco;
- b. Serving on the founding Board of Directors of ICSA;
- c. Serving on the founding Editorial Board of *Statistica Sinica*;
- d. Serving on the current Board of Directors of ICSA;
- e. Chairing the Committee on Biometrics Section to prepare the formation of the Biometrics Section and serving on the Interim Executive Committee after the Section was officially formed;
- f. Chairing ICSA Publication Committee (1987-1990);
- g. Chairing ICSA Liaison Committee to Other Societies (1992-1994);
- h. Serving on Organizing Committee of the ICSA Applied Statistics Symposia, chairing sessions, making presentations for many years;
- i. Serving on several other ICSA Committees as a member;

Dr. Wei is an ASA Fellow, IMS Fellow, Elected Member of ISI and a winner of the Spiegelman Award for Outstanding Research in Biostatistics, a greatest honor in biostatistics from the American Public Health Association.

### Distinguished Service Award To Dr. Gordon Lan (Pfizer, Inc.) for his

- a. Unselfish effort on co-drafting the ICSA Constitution and By-laws;
- b. Serving on the founding Board of Directors of ICSA;
- c. Serving as the program chair of the 1994 ICSA Applied Statistics Symposium;
- d. Participation in planning and organizing the ICSA Applied Statistics Symposium for several years;
- e. Offering a short course, entitled "Interim Analysis, Brownian Motion, and Martingales", during the 1996 ICSA Applied Statistics Symposium. It was extremely well received;
- f. Serving on the Biometrics Committee for the formation of Biometrics Section
- g. Serving on Executive Committee of Biometrics Section, ICSA since its formation,
- h. Serving as the 1996 Chair of Biometrics Section of ICSA; and
- I. Chairing the ICSA Nomination Committee and serving on several other committees.

Dr. Lan is an ASA Fellow. In addition to serving ICSA in the aforementioned capacities, he also served on several committees in ASA and ENAR.



藍光國 (Gordon Lan), 鄭光甫 (Kuang Fu Cheng, past president), and 蔡嘉永 (Jia-Yeong Tsay, Awards Committee Chair).

### Distinguished Service Award To Dr. Yi Tsong (FDA) for his

- a. Serving on the founding Executive Committee of Biometrics Section, ICSA;
- b. Significant contributions in the ICSA Applied Statistics Symposia since 1990. He served as a co-organizer, session chair, speaker, and the treasurer;
- c. Significant contributions as a member of the ICSA Board of Directors;
- d. Unselfishly sharing his FDA knowledge and experiences with members of the ICSA by participating in every ICSA Applied Statistics Symposium since 1990; and
- e. Serving on the Executive Committee of the Biometrics Section since its formation.
- f. Serving as the 1996 Chair-Elect of the Biometrics Section.

Dr. Tsong is a senior statistical staff member at FDA. He has great enthusiasm to help people in general, and to help our ICSA members in particular.



莊易 (Yi Tsong), 鄭光甫 (Kuang Fu Cheng, past president), and 蔡嘉永 (Jia-Yeong Tsay, Awards Committee Chair).

**ICSA Financial Statement  
December 1, 1995 - December 1, 1996  
U.S. Office**

	Revenue	Expense	Balance
Balance Forward			42,688.98
Interest	1,169.38		
Membership	20,958.00		
Donation	460.00		
Advertisement Revenue	400.00		
Ballot		713.96	
Postage		537.08	
Computer		1,218.73	
Stationary & Supply		242.70	
Miscellaneous		172.85	
Plaques		423.90	
Typing & Clerical Support		354.00	
Co-sponsorship Contributions		1,000.00	
Annual Dinner Announcement & Postage		268.50	
ASA Meeting Donation & Expenses		778.83	
Bulletin Printing & Mailing		4,992.56	
Renewal Notices & Postage		585.78	
	22,987.38	11,288.89	54,387.47

ICSA Financial Statement  
May 30, 96- Dec 1, 96  
Mainland China Branch

	Revenue	Expense	Balance
Balance Forward			-786.29
Correction	2000.00		
Total			1213.71

1997 IMS Asian and Pacific Regional Meeting  
Joint with CIPS and CSA

IMS Asian and Pacific Regional Meeting  
Joint with CIPS and CSA  
July 7-9, 1997 Taipei, Taiwan, R.O.C.

The Asian and Pacific Regional Meeting of the Institute of Mathematical Statistics (IMS) will be held from July 7 (Monday) to noon on July 9 (Wednesday), 1997. This meeting is joint with the Annual Meetings of the Chinese Institute of Probability and Statistics (CIPS) and the Chinese Statistical Association (CSA), and will be held at Academia Sinica, Taipei, Taiwan, R.O.C.

Tentative topics for the invited paper sessions are: Analysis of Curve Data, Applied Probability, Bayesian Statistics, Dimension Reduction Methods, Economic and Financial Applications, Industrial Statistics/Experimental Design, Inference for Semiparametric Models, Interface: Science, Technology and Statistics, Methodology in Sampling Survey, Missing Data in Longitudinal Studies, Monte Carlo Markov Chain Methods, Recent Developments in Time Series Analysis, Spatial and Environmental Time Series Analysis, Statistical Analysis of Chinese Medicine, Statistical Computing, Statistics in Social Sciences, Stochastic Processes and Equations.

IMS Program Committee :

Jane-Ling Wang (Chair), Division of Statistics, Univ. of California, Davis, California 95616, USA. Fax (1-916)752-7099, e-mail: wang@wald.ucdavis.edu  
Lung-An Li (Academia Sinica)  
Susan Murphy (Pennsylvania State Univ.)  
Ruey S. Tsay (Univ. of Chicago)  
Ching-Zong Wei (Academia Sinica)

IMS Contributed Paper Session Chair:

Mei-Ling Ting Lee, Channing Laboratory/BWH, Harvard Medical School, 181 Longwood Avenue, Boston, MA 02115, USA. Fax (1-617)731-1541, e-mail: stmei@gauss.bwh.harvard.edu

CIPS and CSA Program Committee:

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Lii-Yuh Leu (Nat'l Central Univ.)

Local Arrangements Chair:

Lung-An Li, Institute of Statistical Science, Academia Sinica, Taipei,  
Taiwan, R.O.C. Fax (886-2)783-1523, e-mail: [ims@stat.sinica.edu.tw](mailto:ims@stat.sinica.edu.tw)

Local Organizing Committee: Robert W. Chen (Nat'l Chung-Cheng Univ.), Chi-Lun Cheng (Academia Sinica), Tzuu-Shuh Chiang (Academia Sinica), Chao A. Hsiung (Academia Sinica), Deng-Yuan Huang (Fu-Jen Catholic Univ.), Jack Lee (Nat'l Chiao-Tung Univ.), Cheng-Hsiang Lin (Tunghai Univ.), Jimn-Tyan Lin (Feng-Chia Univ.), Ta-Feng Lin (Soochow Univ.), Fon-Che Liu (Academia Sinica), I-Ming Liu ( Nat'l Chung Hsing Univ.), Grace S. Shieh (Academia Sinica), Min-Jye Wen (Nat'l Cheng-Kung Univ.), J.-S. Wu (Tamkang Univ.), Su-Fen Yang (Nat'l Cheng-Chi Univ.)

Abstract Submission : All submissions should be in TeX or LaTeX.  
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or

send LaTeX IMS Abstract template

All abstracts should be submitted, by February 28, 1997, to  
[abstract@stat.sinica.edu.tw](mailto:abstract@stat.sinica.edu.tw)

The registration fee is US\$100 for members of IMS, CIPS and CSA, US\$20 for students, and US\$120 for nonmembers . It covers three lunches and the welcome party. The complete information of registration, hotel accommodation, tours, etc. will be available from Nov. 1, 1996 at the World Wide Web site:

<http://www.stat.sinica.edu.tw/ims/> or <http://140.109.74.164/ims/>

Up-to-date information will be released from now on at this web site.

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If you have any query, please e-mail to: [ims@stat.sinica.edu.tw](mailto:ims@stat.sinica.edu.tw)

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**A JOINT SESSION BY ICSA AND ASA IN THE JSM IN ANAHEIM,  
CALIFORNIA AUGUST 1997**

If you want to find out the 'Recent Statistical Developments in the International Chinese Statistical Society', please come to a special session from 10:30 am to 12:20 pm on August 12, 1997, the 1997 Joint Statical Meetings, Anaheim, California. This session is a first-time joint effort of ICSA and ASA. It was organized by Professor Wen-Jan Huang of National Chungsan University, Taiwan, ROC. The session chair is Professor Ker-Chau Li, Department of Mathematics, University of California at Los Angeles. There will be five invited speakers representing China, Taiwan, Hong Kong and U.S.A. . The names of the speakers and their topics are

Prof. Chao A. Hsiung

Institute of Statistical Sciences  
Academia Sinica, Taiwan, R.O.C.

Title: Some Counting Process Models with Applications to  
Event History Data

Prof. Li-Xing Zhu

Institute of Applied Mathematics  
Chinese Academy of Sciences, China

Title: Random Symmetrization Method  
And Its Applications to Statistical Inference

Prof. Sik-Yum Lee

Department of Statistics  
The Chinese University of Hong Kong  
Hong Kong

Title: Analysis of Two-level Structural Equation Models  
via EM Type Algorithm

Prof. Wai-Keung Li

Department of Statistics  
University of Hong Kong  
Hong Kong

Title: Some Recent Results on Time Series Model  
with Conditional Heteroscedasticity

Prof. Dennis K. J. Lin

Dept. of Management Science and  
Information Systems

Penn State University, University Park, PA 16802  
Title: Recent Advances In Supersaturated Design



親愛的會員同仁們：

為慶祝泛華統計協會創會十週年，今年在 Anaheim 的年度聚餐，我們計劃籌辦卡拉OK歌唱比賽。比賽將分男女兩組，每組各取優勝者一名。揭於時間限制，我們只能接受男女與賽者各十名，以報名順序先後為原則。比賽結果將於聚餐結束前宣佈，欲參加者請儘速填妥以下資料於七月十五日前寄於 Jane Gau。另外此次聚餐特別情商邀請 LA 華美中文電視名主播吳曉伶主持，並於餐後進行摸彩，希望會員踴躍參加。如您有任何建議也請將您寶貴的意見儘速寄給 Jane Gau。聚餐地點及菜單將於七月份會刊中敬告諸會員。

卡拉OK歌唱比賽資料卡	
姓名：(英)	(中)
與賽拿手歌曲：	
連絡住址：	
電話或傳真：	
備註：	

請寄至：Jane Gau

Baxter Health Care Co.,  
1720 Flower Ave  
Duarte, CA 91010  
TEL : 818-3055039  
FAX : 818-3578348  
E-mail : gauj@baxter.com

**The Contemporary Multivariate Analysis and its Application** will be held at Hong Kong on May 19-22, 1997. The organizing committee has recently added a new theme on biostatistics. There will be two special contributed sessions on biostatistics. The conference encourages interactions among statistical theorists, methodologists, and practitioners across the world. If you are interested in the conference or would like to contribute papers, please visit our web site at <http://www.math.hkbu.edu.hk/srcu/sym97.html> for detailed information. You could also email to [multi97@math.hkbu.edu.hk](mailto:multi97@math.hkbu.edu.hk), for a second announcement or contact Ming Tan at [mtan@bio.ri.ccf.org](mailto:mtan@bio.ri.ccf.org).

## LIFETIME DATA ANALYSIS: A NEW INTERNATIONAL JOURNAL

The publication of *Lifetime Data Analysis* (LIDA), was announced at the "International Research Conference on Lifetime Data Models in Reliability and Survival Analysis" which was held at Harvard University, Cambridge, Massachusetts on June 15-17, 1994. The conference was attended by over 200 statisticians, representing 21 different countries. The success of this conference represented convincing evidence of the need for this kind of journal.

Statistical models and methods for lifetime data and other time-to-event data are widely used in many fields including medicine, the environmental sciences, actuarial science, engineering, economics, management, and the social sciences. For example, closely related statistical methods have been applied to the study of the incubation period of diseases such as AIDS, the remission time of cancers, life tables, the time-to-failure of engineering systems, employment duration, and the length of marriages.

Many publications include such research as a part of their editorial coverage. Until the publication of LIDA, however, there has been no single journal that published exclusively on the subject and reported research results from these different areas of applications. LIDA spans the full field of lifetime data modelling and research findings that previously have been scattered in many different journals that serve particular areas of application. The publication of LIDA reduces the compartmentalization of published work and provides a beneficial cross-fertilization of ideas and methods.

The aim of LIDA is to advance and promote statistical science in the various fields that deal with lifetime data and other time-to-event data through the publication of high-quality articles. The journal acts as a bridge between research areas and brings readers up-to-date results obtained from related but different disciplines. As an international journal, it will serve the global community of researchers and practitioners. LIDA's Editorial Board consists of prominent world-class researchers. The journal's goal is to disseminate research findings quickly by providing prompt and reliable reviews of submitted manuscripts. Only papers that satisfy strict requirements for quality, originality and clarity of presentation will be accepted for publication in the journal.

Since the journal's inauguration in 1995, LIDA has successfully published two volumes of interesting and valuable articles. LIDA is doing well and is being abstracted/indexed in *Current Index in Statistics*, *Statistical Theory & Method Abstracts*, *MEDLINE*, *Index MEDICUS*, *MATH*, and *Cambridge Scientific Abstracts*, among others. If you have any comments or suggestions, please let me know. Thank you.

Mei-Ling Ting Lee  
Editor-in-Chief  
*Lifetime Data analysis*



from KLUWER ... featuring downloadable data sets!

## LIFETIME DATA ANALYSIS

An International Journal Devoted to Statistical Methods and Applications for Time-to-Event Data

### Editor-in-Chief

Mei-Ling Ting Lee, *Harvard Medical School; Brigham and Women's Hospital*

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Nicholas P. Jewell • Alan Kimber • G. Alex Whitmore

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### The Objective...

of *Lifetime Data Analysis* is to advance statistical science in the applied fields that deal with lifetime data, including actuarial science, economics, engineering sciences, environmental sciences, management sciences, medicine, operations research, public health, and social and behavioral sciences.

### Fully Downloadable Data Sets...

are available FREE OF CHARGE from <ftp.ftp.wkap.nl/journal/lida/append>; check the directory ("dir") for the file you wish to retrieve and then type "get <filename>." They can also be accessed from Kluwer's on-line catalogue (located at <http://www.wkap.nl>), in the "Journals Catalogue" section (click on "Mathematics," then on *Lifetime Data Analysis*).

Indexed/abstracted in *CIS*, *Cambridge Scientific Abstracts*, *Statistical Theory & Method Abstracts*, *MATH*, *CompactMATH*, *Zentrallblatt für Mathematik/Mathematics Abstracts*, *CAB Abstracts*, *Mathematical Reviews*, *MathSci*, *Current Mathematical Publications*, *Inspec Database*, *Index Medicus*, and *MEDLINE*.

### Volume 2, Issue 4

A Method for Checking Regression Models in Survival Analysis Based on the Risk Score (*J.K. Grønnesby, Ø. Borgan*) • Multilevel Models for Longitudinal Variables Prognostic for Survival (*B.L. De Stavola, E. Christensen*) • Families of Smooth Confidence Bands for the Survival Function Under the General Random Censorship Model (*S. Gulati, W.J. Padgett*) • Testing Order Restricted Hypotheses with Proportional Hazards (*B. Singh, F.T. Wright*) • Nonparametric Estimation of the Limiting Availability (*L.A. Baxter, L. Li*) • On the Heterogeneity of Fecundability (*T-S. Lau*)

### Volume 2, Issue 3

Estimation of Prolongation of Hospital Stay Attributable to Nosocomial Infections (*G. Schulgen, M. Schumacher*) • Modelling Conditional Distributions in Bivariate Survival (*R. Henderson*) • The Influence of Load on the Lifetime Distribution (*M.B. Mendel, A.B. Huseby*) • Bivariate Frailty Models for the Analysis of Multivariate Survival Time (*X. Xue, R. Brookmeyer*) • Nonparametric Estimation of Discrete Hazard Functions (*G. Tutz, L. Pritscher*)

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### ICSA EXECUTIVE DIRECTOR (1997-1999)

The ICSA is soliciting enthusiastic and responsible candidates for the position of the Executive Director (ED) for 1997-1999. This is a 3-year non-remunerative job. The ED is responsible for administrative operations: maintain the ICSA member database, and supervise membership renewal process. The ED oversees election operations, organizes annual meetings and board of director meetings, provides assistance to biometrics section, and prepares materials for ICSA Bulletin and triannual directory.

The ED works closely with the president, committee chairs and the treasurer. A part-time Clerk is available to assist. Candidates should have at least 2 years of working experience and the ICSA membership is required. Proficiency in Mac computer is desirable but not essential.

If you would like to volunteer yourself or would like to recommend suitable ICSA members for this position, please contact Dr. Jeff C. F. Wu, Department of Statistics, University of Michigan Ann Arbor MI 48109. His e-mail address is JEFFWU@STAT.LSA.UMICH.EDU.

### 淡江大學數學系

淡江大學數學系誠徵教授一名，專長為生物統計，工業統計或理論機率。申請者須具多年之研究及教學經驗，並已取得相當之成果。

本系分數學及數理統計二組，現有副教授以上專任教師二十六人，其中九人屬數理統計組。目前除個人電腦外，已有工作站四台（本學年度將另增購兩台），配有各項統計軟體。有興趣者請於民國八十六年二月二十八日前將履歷，學位證書影本及介紹信三封寄至

Professor Shou-Jen Hu (胡守仁)  
Department of Mathematics  
Tamkang University  
Tamsui, TAIWAN

Tel: (886)-2-6215656 ext 501  
Fax: (886)-2-6209916  
E-Mail: math@math.tku.edu.tw

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加入，請於1997年3月15日前，將履歷、推薦函（至少三封）、全部著作目錄、代表性著作（或博士論文）及其他貢獻資料（剛取得學位者，請附上成績單），寄

Dr. Chao A. Hsiung (熊昭教授)  
Search Committee  
Institute of Statistics Science  
Academia Sinica  
Taipei, Taiwan, 115  
R.O.C.  
TEL: 886-2-7835611ex215  
FAX: 886-2-7831523  
E-mail: hsiung@stat.sinica.edu.tw

(相關訊息請參閱<http://www.stat.sinica.edu.tw/>)

國家衛生研究院  
誠徵  
生物統計研究組組主任

說明：國家衛生研究院於一九九六年一月正式成立，成立之宗旨在提昇我國醫藥衛生研究水準，以增進國人健康福祉。為此，國家衛生研究院針對我國迫切急需解決之醫藥問題，設立十個研究組積極進行各項研究，並協調整合國內研究工作，設立核心設備。此外，國家衛生研究院亦支持國內之優秀醫藥研究工作者推動院外整合性醫藥衛生研究計畫。本院生物統計研究組秉持上述使命而設立，主要研究工作如下：

- 一、提供院內其他研究組在計劃設計及資料分析之合作研究 (Collaborative Research)
- 二、研發並維護院內研究資料管理系統
- 三、提供院外研究計劃有關生物統計方面之評估、追蹤及支援
- 四、從事有助於醫學研究之統計方法與理論之研究

申請資格：需具備統計或生物統計博士學位，相當於正教授或正研究員之資歷，並有多年生物統計研究及合作研究之經驗。

申請文件：1. 個人詳細學經歷 2. 著作目錄 3. 研究組發展計畫  
4. 代表性論著抽印本 5. 五封推薦函

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北市南港區11529研究院路二段128號  
電話：(02)651-3712  
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截止日期：1997年4月10日止

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**INTERNATIONAL CHINESE STATISTICAL ASSOCIATION**  
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