

泛華統計協會 會刊

International Chinese Statistical Association

Website: <http://icsa.org>



Bulletin

July 1999

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丁迺迪 (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:

Mei-Cheng Wang (Chair),	Jun Shao
Zhiliang Ying,	Karl Lin
Ching-Shui Cheng,	Ker-Chau Li

1998 會刊通訊錄編輯人員

林崑峰	(Chair)		
溫敏杰	陳 達	施維中	
李錫欽	馮士雍		

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EXECUTIVES AND MEMBERS OF THE COMMITTEES OF ICSA 1999

[1] EXECUTIVES

President: Tar Timothy Chen (1999)
 Past President: Jeff C. F. Wu (1999)
 President-elect: Chien-Pai Han (1999)
 Executive director: Naitee Ting (1998-00)
 Treasurer: Xiu Chen (1998-00)

[2] BOARD OF DIRECTORS

IS Chang (1999-01), H Chen (1998-00), JJ Chen (1998-99), RD Chen (1999-01), TT Chen (1998-00),
 CP Han (1999-01), JP Hsu (1997-99), HMJ Hung (1998-00), IK Hwang (1997-99), DKJ Lin (1998-00),
 DY Lin (1999-01), JP Liu (1998-00), NCH Lo (1999-01), SH Lo (1997-99), XL Meng (1997-99),
 JL Wang (1997-99), Jeff Wu (1997-99), ZL Ying (1999-01), CH Zhang (1998-00)

[3] STANDING COMMITTEES

- (A) PROGRAM COMMITTEE: (for 1999 JSM Banquet at Baltimore)
 Mei-Cheng Wang (chair 1999; member 1999-00), Kung-Yee Liang (1999), Chien-Pai Han (1998-99)
- (B) FINANCE COMMITTEE:
 Xiu Chen (chair 1998-00), Christina Show (1998-00)
- (C) NOMINATING AND ELECTION COMMITTEE:
 Nancy Lo (chair 1999; member 1999-00), James Fu (1998-99),
 Gordon Lan (1998-99), Xiao-Li Meng (1998-99), Agnes Hsiung (1999-00)
- (D) PUBLICATION COMMITTEE:
 Mei-Cheng Wang (chair 1999; member 1998-99), Jun Shao (1998-00), Zhiliang Ying (1999-01),
 Karl Lin (Bulletin), Ker-Chau Li (Statistica Sinica).

[4] CURRENT COMMITTEES

- (A) MEMBERSHIP COMMITTEE:
 Joe Shih (1998-00), Xuming He (1998-00), Jane-Ling Wang (1999-01), James Chen (1999-01),
 Dan-yu Lin (1999), Jiahua Chen (1999), Hung Chen (1999, Taiwan),
 Yeh Lam (1999, Hong Kong), Bo-Cheng Wei (1999, China)
- (B) FUNDRAISING COMMITTEE:
 Naitee Ting (1997-99)
- (C) PUBLIC RELATIONS COMMITTEE:
 Joe Shih (1997-99), Shi-Yong Feng (China), Sik-Yum Lee (Hong Kong), Lung-An Li (Taiwan)
- (D) AWARDS COMMITTEE:
 Smiley Cheng (chair 1998-99), Grace Yang (1998-99), Jack C Lee (1999-00),
 Wai-Yuan Tan (1999-00), Cunhui Zhang (1999-01), Mark Yang (1999-01)
- (E) PROFESSIONAL ACHIEVEMENT COMMITTEE: (to discuss ICSA Fellows and Chinese COPSS Award)
 YS Chow (chair 1999; member 1999-01), I-Shou Chang (1999-00), Grace Yang (1999-00),
 Ching-Shui Cheng (1999), Pi-Erh Lin (1999), XiRu Chen (1999-01, China)
- (F) COMMUNICATION COMMITTEE:
 Chung Chen (chair 1999; member 1999-01), Don Sun (web), Hubert Chen (listserv)
- (G) CONFERENCE COMMITTEE: (for 5th ICSA International Conference, 2001)
 W. K. Li (chair), Xiao-Li Meng, Howell Tong, KT Fang, Fred Ho
- (H) APPLIED STATISTICS SYMPOSIUM COMMITTEE: (for 2000 Symposium)
 Jia-Yeong Tsay (co-chair), Zhiliang Ying (co-chair), Danny Chaing, Rongdean Chen, Irwin Ho, Irving Hwang
 Frank Shen, Weichung Shih, Kao-Tai Tsai, Weiying Yuan
- (I) STRATEGIC COMMITTEE: (all former presidents)
 Jeff C. F. Wu (chair 1999), Shein-Chung Chow, Kuang-Fu Cheng, Smiley Cheng, Chiao Yeh,
 YS Chow, Jack C Lee, Grace Yang, Jia-Yeong Tsay, James Fu, George Tiao

[5] BIOMETRICS SECTION (1999)

Alice Hsuan (chair), James Chen (chair-elect), Colin Wu (secretary),
 HM Jim Hung (treasurer), James Chen (ICSA Representative)

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FROM THE PRESIDENT

July 1999

Dear ICSA Members:

After serving as the ICSA president for six months and overseeing the 1999 Applied Statistics Symposium, I am sending you another greetings from Potomac, Maryland.

From a report by our treasurer, the membership dues collected up to June 10 of this year are 91.5% of the total amount we collected during 1998. As we add the renewed members to the new members recruited from the 1999 Symposium, it shows that our total membership is increasing. The same report also shows that the net income up to June 10 of this year is 77.8% of the net income of 1998. Our financial picture is very healthy.

As you read this issue of the Bulletin, you will see that ICSA actually has three accounts. The first one is the regular account under the management of our treasurer, Dr. Xiu Chen. The second is the Applied Statistics Symposium account under the control of Dr. Yi Tsong for the past several years. The third one is the International Conference account under the care of Professor Xiao-Li Meng. You can see that all three accounts have surpluses. In this issue you do see all account reports because I think the financial accountability is important for ICSA as a public institution.

If we add the regular account expense and the 1998 Symposium expense, then divide that by total number of members, we get about \$65 per member which indicates the degree of organizational activity. Since I and Dr. Naitee Ting visited the management company for the International Biometric Society, I obtained \$100 per member as a measure of the degree of organizational activity for IBS (excluding ENAR and WNAR). After visiting the ASA headquarter at Alexandria, Virginia, and talking with ASA executive director, Dr. Ray Waller, I obtained \$350 per member for ASA. This comparison gives us indication that we need to expand our activities. In computing this figure for ICSA, I am not including the publication cost of Statistica Sinica because its financial statement is not available to public.

The problem of ICSA, we all see, is that we have a long list of inactive members who chose not to renew their memberships. Before the New Year, I wrote a letter to all ICSA directors with a list of names of inactive members, and asked directors to call their friends on the list to get feedback about ICSA and reasons of non-renewal. The information obtained indicates that they were not satisfied with the service they got from ICSA, so they felt no need of renewing their memberships. We definitely need to provide more and better service to meet members' needs.

For those ICSA members not attending the annual Symposium and tri-annual International Conference, the regular benefit is to receive two issues of ICSA Bulletin and four issues of Statistica Sinica. We have made an effort to improve the content of ICSA Bulletins by including regional news and interview articles. For Statistica Sinica, the comments gathered from our phone calls to the inactive members reveal that more papers oriented toward applied statisticians would be welcome. This journal is sponsored by both ICSA and Institute of Statistical Science in Taiwan, and ISS is paying the publication cost, we hope that the Board of Statistica Sinica and Editors will consider to have more application articles.

One of the goals of ICSA is to help the different countries where our members reside to use statistical tool to improve the level of scientific research, the quantity of industrial output, and the quality of human life. We would like to have more members from different regions of Asia. At the last ICSA Board meeting, the directors approved a reduced fee (at 50% of regular fee) for statisticians residing in certain areas, similar to that provided by the Institute of Mathematical Statistics. We want to encourage more statisticians in China and other regions to join ICSA, so that we can help one another to promote statistical research and applications to solve the problems of the society.

During the remaining six months of my term as ICSA president, I look forward to hearing from you and your input on ICSA is most welcome. Together we can better fulfill our association's objectives -- to promote the theory and applications of statistical disciplines, to broaden applications of statistical techniques, to promote better understanding and interest by the public, to promote better communication, and to foster cooperative efforts among universities, industries, and governments.

Tar Timothy Chen, President



Minutes from ICSA Membership Meeting on June 19, 1999. 4:30-5:30 pm. ICC Auditorium, Georgetown University, Washington, DC

Chair: Tim Chen

Attendees: About 150 ICSA members

Minutes: Naitee Ting

The meeting started with Tim Chen presenting Certificate of Appreciation to sponsors who made donations to the ICSA 1999 Applied Statistics Symposium:

Janssen Research Foundation	(Alice Hsuan)
Lilly Research Laboratories	(Robert Rathmacher)
Merck & Co., Inc.	(George Williams)
Pfizer Inc.	(Liangng Yuh)
Synectechs, Inc.	(Xiu Chen)

Next, Kung-Yee Liang presented the ICSA 1999 student awards and travel fellowship winners. The Evaluation Subcommittee Members include Kung-Yee Liang (Chair), Gordon Lan, Mei-ling Ting Lee, and Zhiliang Ying. Winners and their papers are:

Ying Qing Chen, Johns Hopkins University
Analysis of Accelerated Hazards Model

Guan-Hua Huang, Johns Hopkins University
Building Marginal Models for Multiple Ordinal Measurements

Jong Sung Kim, University of Iowa
Proportional Hazards Model with Partly Interval-Censored Data

Yi Li, University of Michigan
Bias Analysis and Nonparametric Maximum Likelihood Estimation in Frailty Measurement Error Models

Mei-Chiung Shih, Stanford University
Nonlinear Mixed Effects Models: Parametric and Nonparametric Approaches

Nae-Yuh Wang, Johns Hopkins University
On the Use of Extended Generalized Estimating Equations for Regression Analysis under Non-Standard Situations

Tim Chen then presented Certificate of Appreciation to the ICSA 1998 Applied Statistics Symposium Organizing Committee:

Gordon Lan and Naitee Ting (Co-chairs)

Kim Gouvin, Su-Ying Hwang, David Kramer, Yi Yuan, Gordon Law, Mike Li, Greg Wei, and Xiu Chen

And listed members of the ICSA 1999 Applied Statistics Symposium Organizing Committee:

Tar Timothy Chen (Chair)

Hsien-Ming James Hung, Zhaohai Li, Karl K.F. Lin, William W.S. Wei, Henry Hsu, Chang Sheng Lao, Kung-Yee Liang, Yi Tsong, and Colin Wu

The Membership Meeting:

1. Agree on the proposed agenda

Agreed.

2. Agree on the minutes from the previous membership meeting (ICSA Bulletin, January 1999, pp. 17-22)

Agreed.

3. Further discussion on issues from the previous meeting

No discussion

4. Report from the president

Work with Committees closely.

Symposium Program Chair

The 1999 Symposium attracted about 200 participants. There are 5 short courses, 19 invited sessions, and 10 contributed sessions.

Relation with ASA, COPSS

There will be an invited session in the JSM at Baltimore (Sunday, August 8, 2:00-3:50). We hope members can make an effort to come to this session. Tim Chen and Naitee Ting went to visit the ASA office and met with Ray Waller on June 18. We discussed various ways of further strengthen our relationship with ASA in the future.

5. Business Report

5.1 Executive Director

We will need to upgrade the ICSA database. Currently we are actively looking for vendors who can help ICSA to upgrade our database. ICSA will publish the 1999 members directory before end of this year. In this directory, we will include members with active status back to 1997. The ICSA Bulletin is constantly looking for good articles. Any member with news to share, interesting stories to tell, and comments or suggestions, please feel free to send them to either the Executive Director, or the Bulletin Editor. More information about ICSA and the Executive Director can be found from the ICSA home page www.icsa.org

5.2 Treasurer

Two treasurer reports are presented: Balance statement for 1999, Profit and loss statement for 1999 (up to June 10, 1999):

International Chinese Statistical Association	
Balance Sheet	
As of June 10, 1999	
	Jun 10, '99
ASSETS	
Current Assets	
Checking/Savings	
6 Month CD	25,000.00
Checking	3,088.52
Saving	60,400.38
Total Checking/Savings	88,488.90
Total Current Assets	88,488.90
TOTAL ASSETS	88,488.90
LIABILITIES & EQUITY	
Equity	
Retained Earnings	76,882.90
Net Income	11,606.00
Total Equity	88,488.90
TOTAL LIABILITIES & EQUITY	88,488.90

International Chinese Statistical Association	
Profit and Loss	
January 1 through June 10, 1999	
	Jan 1 - Jun 10, '99
Ordinary Income/Expense	
Income	
Advertisement	360.00

Contributions Income	
Unrestricted	1,120.00
Total Contributions Income	1,120.00
Membership Dues	14,489.30
Total Income	15,969.30
Expense	
Casual Labor	144.00
Licenses and Permits	20.00
Postage and Delivery	
Ballot	855.65
Jan. Bullentin	2,151.40
Total Postage and Delivery	3,007.05
Printing and Reproduction	
Jan. Bulletin	2,420.00
Total Printing and Reproduction	2,420.00
Web Page Hosting	165.00
Total Expense	5,756.05
Net Ordinary Income	10,213.25
Other Income/Expense	
Other Income	
Interest Income	1,392.75
Total Other Income	1,392.75
Net Other Income	1,392.75
Net Income	11,606.00

5.3 Statistica Sinica

The SCI ranking of Statistica Sinica has improved from 28 to 22, and the impact factor has increased from 0.39 to 0.538. If members have good articles, please send to Statistica Sinica. The new editors will be Ker-Chau Li, and Yi-Ching Yao. They will start August 1, 1999. The managing editor of Statistica Sinica will also be transitioned, Chung Chen is nominated as the new managing editor, and will start August 1, 1999.

5.4 ICSA Bulletin

Refer to the Publication Committee Report.

5.5 Committees

5.5.1 Program Committee (1999 JSM Banquet)

Mei-Cheng Wang is the chair of the 1999 JSM program committee, she is preparing for the banquet at Baltimore. The ICSA banquet will be at Uncle Lee Restaurant on Wednesday (August 11) evening.

5.5.2 Finance Committee

We received the financial report from both the 1998 Symposium and the 4th Conference. These reports can be found in the July 1999 Bulletin.

5.5.3 Nominating and Election Committee

There are two candidates running for the 2000 President-Elect, and 10 candidates running for 5 seats of Board of Directors. All are strong candidates. Please vote!

5.5.4 Publication Committee

A new Bulletin editor, Sue-Jane Wang, was nominated by the publication committee (chaired by Mei Cheng Wang). Transition of Bulletin editor will take place between this and the next issue of Bulletin.

5.5.5 Awards Committee

The committee nominated 3 recipients for 1999: Pi-Erh Lin, Xue Ren Wang, and Ching-zong Wei

5.5.6 Communication Committee

The Web Site Report prepared by Don Sun is attached at end of this minutes.

5.5.7 Applied Statistics Symposium Committee

The Symposium Committee will prepare a separate report, and this report can be found in the July 1999 Bulletin.

5.6 ICSA 5th International Conference

The 5th ICSA International Conference will take place at Hong Kong in August, 2001, after the ASA JSM, and before ISI at Seoul, Korea. Committee for the 5th ICSA International Conference - Chair: Wei-Keung Li of Hong Kong University, members: Xiao-Li Meng, Howell Tong, Kai-tai Fang, and Fred Ho.

5.7 Applied Statistics Symposium

ICSA 2000 Symposium will take place in June 1-3 at Embassy Suites Hotel, Piscataway, NJ. Co-Chairs are Jia-Yeong Tsay and Zhiliang Ying. The 2001 Symposium will be at Chicago. Co-Chairs are Rong Chen and JP Hsu.

6. Other items

The ICSA board approved a reduced membership fee for members from China. The reduction is 50%. From now on, the annual membership due will be US\$20 for members from Mainland China.

We also discussed various ideas of how to improve our services to members.

CANDIDATES FOR PRESIDENT-ELECT

HSIUNG, Chao Agnes 熊昭

[PRESENT POSITION] Dr. Hsiung is currently Director of the Division of Biostatistics, National Health Research Institutes, Taiwan. **[FORMER POSITIONS]** Her former positions include a Research Fellow (1985-) in the Institute of Statistical Science, Academia Sinica; a Professor (1981-), an Associate Professor (1976-1981) in the Department of Mathematics, National Central University; an Assistant Professor (1975-1976) in the Department of Mathematics, Cornell University; and Dr. Hsiung was a Visiting Professor in the Department of Statistics, Columbia University in the year of 1989-1990. **[DEGREES]** Dr. Hsiung received her B.S. in Mathematics from National Tsing-Hua University in 1972; her M.S. and Ph.D. in Statistics from Columbia University in 1973 and 1975 respectively. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** Dr. Hsiung's research interests are in Survival analysis, Sequential analysis, Image analysis, and Biomedical application of statistics including clinical trials, genetic studies. **[PUBLICATIONS]** Her publications include papers published in Annals of Statistics, Annals of Probability, Sequential Analysis, Journal of Multivariate Analysis, Statistica Sinica, Scand. J. Stat., JSPI, ZW, Psychometrika, Oncology, Drug Information Journal, among others. **[ICSA ACTIVITIES AND OFFICES HELD]** Dr. Hsiung has served as an Associate Editor of Statistica Sinica since 1991; Dr. Hsiung was elected to the Board of Directors of International Chinese Statistical Association between 1993 and 1996. **[RELATED PROFESSIONAL ACTIVITIES]** Dr. Hsiung has served as Director of Statistical Center, Taiwan Cooperative Oncology Group since 1992. She was a member of the Committee of Drug Evaluation, Bureau of Pharmaceutical Affairs, Department of Health since 1995. She served as Chair of the Panel for Statistical Science, National Science Council between 1995 and 1997. Dr. Hsiung has been an elected fellow of Institute of Mathematical Statistics since 1994, an elected member of International Statistical Institute since 1985.

[STATEMENT]

The ICSA is moving into the twenty-first century. We are living in the era of information, extracted from statistical reasoning. The ICSA has done an excellent job in keeping up with our growing profession. As a candidate for the president-elect in 2000, I would like to thank all of you for giving me the opportunity of stating what I think is important for the future development of ICSA.

1. Efficient organization of ICSA could be developed and collective efforts should be encouraged among members. More chapters, sections and committees could be established so that members from different regions and disciplines could have representatives in expressing their opinions in setting priorities of ICSA's activities.

2. In order to enhance the impact of our discipline, closer linkage needs to be established among industry, government and academics within ICSA members. With good collaboration and our expertise in statistics, ICSA can make a significant difference in helping regional industry and government statistics to the advantage of public policy and industrial development.

3. In order to enhance the skills of ICSA members in career relevant areas, such as the ability to design good studies, collect meaningful data etc., continuing education needs to be maintained and expanded. Short courses and training programs should be offered across the regions.

4. ICSA could play a role in helping reform the teaching of statistics in some regions, so as to narrow the gaps between graduate programs in statistics and the workplaces.

5. Interaction with other statistical societies should be established. A forum to discuss new developments in statistical science could be formed and valuable interdisciplinary activities could be organized.

6. Global communication need be enhanced by providing better information available on the ICSA Web site. It can access to member statisticians such as professional opportunities, job placement at all levels, career advice programs as a resource.

7. Professional meetings need be maintained. More workshops and conferences on methodologies and applications of statistics could be scheduled frequently across the regions.

8. High quality research publications of ICSA should be maintained. ICSA Student Awards should be continued.

I would work with all interested parties to assure that the excellent efforts already begun are continued and enhanced; the new activities developed are conducted in a cooperative manner.

CANDIDATES FOR PRESIDENT-ELECT

ZHANG, Cun-Hui 張存惠

[PRESENT POSITION] Dr. Cun-Hui Zhang is a Professor of Statistics at Rutgers University. **[FORMER POSITIONS]** His former positions include: Assistant Professor of Applied Mathematics and Statistics (1984-1987) at the State University of New York at Stony Brook, Assistant Professor of Statistics (1987-1989) and Associate Professor of Statistics (1989-1994) at Rutgers University. **[DEGREES]** He received his B.A. in Geology from Huainan Mining Institute, Huainan, Anhui, China, in 1978; M.A. in Statistics from Columbia University in 1982; and Ph.D. in Statistics from Columbia University in 1984. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** His research interests include probability theory, sequential analysis, survival analysis, empirical Bayes methods and image reconstruction among others. **[PUBLICATIONS]** He has published in many peer-reviewed journals, including Annals of Probability, Annals of Statistics, Biometrika, Cancer Research, Journal of Royal Statistical Society, Sankhya, and Statistica Sinica. **[ICSA ACTIVITIES AND OFFICES HELD]** Dr. Zhang has been a member of ICSA for many years and has been serving as a member of the Board of Directors of ICSA since 1998. **[RELATED PROFESSIONAL ACTIVITIES]** Dr. Zhang is a member of ASA and an elected Fellow of The IMS. He served as an Associate Editor of Annals of Statistics (1993-94) and has been serving as an Associate Editor of Statistica Sinica since 1993.

[STATEMENT]

If elected, he would like to work with the Board to serve the needs of our members, especially in career development, publication, and exchange of ideas; to foster communication and collaboration between research and applied statisticians and members in different geographical regions; to promote our journal Statistica Sinica; and to work with members toward the goal of making ICSA a world-class professional organization.

CANDIDATES FOR MEMBERS OF BOARD OF DIRECTORS

FAN, Jianqing 范劍青

[PRESENT POSITION] Dr. Fan has been a Professor of the University of California at Los Angeles since 1997. **[FORMER POSITIONS]** He was an Assistant Professor of The University of North Carolina at Chapel Hill between 1989 and 1997. **[DEGREES]** Dr. Fan has a B.S. in Mathematics from Fudan University (1982), an M.A. in Statistics from the Institute of Applied Mathematics, Academia Sinica (1985), and a Ph.D. in Statistics from Berkeley (1989). **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** He has research interests in both theoretical, applied statistics, methodology developments and statistical computing. **[PUBLICATIONS]** Fields of publications include Nonparametric Modeling, Deconvolution, Errors-in-variables, Generalized Linear Models, Nonlinear time series, Survival Analysis and Wavelets. He coauthored (1996) a book on Local Polynomial Modelling and Its Applications (published by Chapman and Hall). He publishes numerous articles in major statistical journals including The Annals of Statistics, Biometrika, JASA, JRSSB and Statistica Sinica. **[ICSA ACTIVITIES AND OFFICES HELD]** Dr. Fan is currently an Associate Editor of Statistica Sinica. He has organized numerous invited sessions for professional meetings, including the 1998 and 1999 ICSA Statistical Conferences and the Joint Statistical Meetings. **[RELATED PROFESSIONAL ACTIVITIES]** Dr. Fan is an Associate Editor of The Journal of American Statistical Association, The Annals of Statistics and an editor of Journal of Multivariate Analysis. He is an IMS fellow and ISI member and has received a number of awards and honors. **[STATEMENTS]** If he gets elected, he will work on improving services to the members of ICSA.

HO, Hwai-Chung 何淮中

[PRESENT POSITION] Dr. Ho is Research Fellow of the Institute of Statistical Science, Academia Sinica, Taiwan. **[DEGREES]** He earned his Ph.D. from the Wayne State University, Detroit, Michigan in 1984, and his B.S. from Soochow University, Taiwan, in 1974. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** His research is in time series analysis and applied probability with emphasis on properties of stochastic processes that display strong dependence. **[PUBLICATIONS]** His work has been published in variety of important journals including Annals of Probability, Annals of Statistics, Statistica Sinica, Journal of Applied Probability, Stochastic Processes

and their Applications and Journal of Multivariate Analysis. **[ICSA ACTIVITIES AND OFFICES HELD]** He is currently serving as managing editor of Statistica Sinica and begins his editorship of the Journal of Chinese Statistical Association in July 1999. **[RELATED PROFESSIONAL ACTIVITIES]** He is the recipient of the 1997 Young Scholar Research Award of the Academia Sinica and the 1997 Outstanding Research Award of National Science Council.

HSUAN, Alice 李載湄

[PRESENT POSITION] Dr. Hsuan is currently Vice President, Janssen Research Foundation. She came to Janssen with the mission of building a Biostatistics department. Over the years, the group has grown from three persons and two terminals to its current multi-disciplined department. Under Dr. Hsuan's leadership, many talented professionals were recruited and developed, and many processes and systems were designed, built, and implemented. Her department is responsible for the statistical design, final database, programming, statistical analysis, and reporting of all clinical projects. They had played a critical role in the development and approval of all of Janssen's compounds in the last fifteen years. **[FORMER POSITIONS]** She taught at the University of Delaware for two years before began her career in the pharmaceutical industry. She joined Schering Corporation as a project statistician, and three years later moved to Pfizer Corporation in New York City. After four very successful years at Pfizer with increasing responsibility, Dr. Hsuan moved to Janssen as the head of the Biostatistics department. **[DEGREES]** Dr. Hsuan graduated with a BS in Mathematics from National Taiwan University. She received an MS in Statistics from the University of Iowa and a Ph.D. in Biometrics from Cornell University in New York. **[ICSA AND RELATED PROFESSIONAL ACTIVITIES]** Her professional society membership and participation includes Pharmaceutical Research and Manufacturers of America, American Statistical Association, Biometrics Society, Drug Information Association, and the International Chinese Statistical Association.

CANDIDATES FOR MEMBERS OF BOARD OF DIRECTORS

LIN, Karl K. 林崑峰

[PRESENT POSITION] Dr. Lin is currently GS-15 Expert Mathematical Statistician, Division of Biometrics 2, Office of Biostatistics, Center for Drug Evaluation and Research, U.S. Food and Drug Administration. Dr. Lin has been with FDA since April 1987. His main responsibilities at FDA include statistical reviews and regulatory research in animal toxicology/pharmacology studies, stability studies, and bioavailability/bioequivalency studies of human new and generic drugs. Within FDA, he was a mathematical statistician from 1987 to 1988, and a supervisory mathematical statistician from 1988 to 1995, and was promoted to the current position in March 1996. **[FORMER POSITIONS]** Before joining FDA, Dr. Lin worked for Medical Research Division, NASA/Johnson Space Center in Houston, Texas, Parke-Davis Pharmaceutical Research, Warner-Lambert Company in Ann Arbor, Michigan, and California State Government in Sacramento, California. **[DEGREES]** He received his B.A. and M.A. degrees in economics from National Taiwan University, his Master, and Ph.D. degrees in statistics from the University of California, Berkeley, and the University of Michigan, respectively. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** He has developed the Center's documents entitled Guidance for Industry: Statistical Aspects of the Design, Analysis, and Interpretation of Chronic Rodent Carcinogenicity Studies of Pharmaceuticals, and Formats and Specifications for Submission of Animal Carcinogenicity Study Data. Dr. Lin has become the point person in CDER/FDA to communicate with drug sponsors, consulting companies, and academic institutions in U.S. and abroad on statistical issues and electronic data submission in the review of animal carcinogenicity study. **[PUBLICATIONS]** He has written book chapters, and papers by himself or in collaboration with professionals in U.S., Europe, and Japan on various topics in those areas of drug development and review. **[ICSA ACTIVITIES AND OFFICES HELD]** Dr. Lin has been the current Chief Editor of ICSA Bulletin and a Publication Committee member since 1997. He has been a member of the Program Committees of the three ICSA Applied Statistics Symposia held in Washington, D.C. He also served ICSA previously in other capacities as members of the Membership Committee and Publication Committee.

LI, Ker-Chau 李克昭

[PRESENT POSITION] Dr. Li is currently a Full Professor at the Department of Mathematics, University of California, Los Angeles. **[DEGREES]** He received a Ph.D. of Statistics, from University of California, Berkeley in 1981 under the guidance of Professor Jack Kiefer. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** His current research interest includes High dimensional data analysis, Statistical graphics, Modeling of aggregated curve data, and Medical image and signal processing. **[PUBLICATIONS]** Two representative articles are Li (1991, JASA, pp 316-342, with discussion) and Li (1992, JASA, pp 1025-1039), wherein a novel approach to dimension reduction via SIR(sliced inverse regression) and PHD (Principal Hessian Direction) is presented. **[RELATED PROFESSIONAL ACTIVITIES]** He was elected as a Fellow of the Institute of Mathematical Statistics in 1989. He received a Guggenheim Fellowship in 1993-1994.

SHEN, Frank 沈志華

[PRESENT POSITION] Director, Non-clinical Biostatistics, Bristol-Myers Squibb Co. since 1997. **[FORMER POSITIONS]** Associate Director, Non-clinical Biostatistics, Bristol-Myers Squibb Co., 1996-1997; Manager, Biometrics Research, Merck & Co., 1993-1996; Research Statistician/Sr. Statistician/Statistician, Biometrics, Wyeth-Ayerst Research, 1989-1993. **[DEGREES]** Ph.D., 1992, Statistics, Temple U.; M.S., 1987, Statistics, Temple U.; M.E.S., 1985, Chemical Engineering, Lamar U.; B.E., 1978, Chemical Engineering, Chung-Yuan U., Taiwan. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** Statistical collaborations in the following areas: computational chemistry and computational biology in Drug Discovery; natural product taxonomy; microbial medium optimization; psychopharmacology; Pharmacokinetics/pharmacodynamics including bioequivalence; catalyzing scientific research with statistical thinking; data warehousing and mining; pharmacogenomics. **[PUBLICATIONS]** "Experimental Autoimmune Encephalomyelitis is Exacerbated in Mice Lacking the NOS2 Gene," 1998, J. of Immunology; "Use of Toxicokinetic and Toxicodynamic Data to Reduce Uncertainties when Setting Occupational Exposure Limits for Pharmaceuticals," 1997, Human and Ecological Risk Assessment; "Robust and Bootstrap Testing Procedures for Bioequivalence," 1994, J. of

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Biopharmaceutical Statistics; J. of Medicinal Chemistry; Arthritis and Rheumatism; SUGI Proceedings; Psychopharmacology; Pharmacology, Biochemistry, and Behavior; Drug Development Research; Annuals of the NY Academy of Sciences; Fundamental and Applied Toxicology. **[ICSA ACTIVITIES AND OFFICES HELD]** Short Course Director of the ICSA symposium (1997). **[RELATED PROFESSIONAL ACTIVITIES]** Workshop Chair (1999) and Co-chair (1998) of the Midwest Biopharmaceutical Statistics Workshop, Symposium Chair (1995-1997) of the ASA/NJ Chapter, Program Chair (1996-1997) of the ASA Princeton-Trenton Chapter, Co-chair (1997) of the ASA/SPES Spring Research Conference. Member of ASA. ENAR regional advisory board member (1997-1999), Member of International Biometrics ENAR, AAAI, and ICSA.

SHAO, Jun 邵軍

[PRESENT POSITION] Dr. Shao joined University of Wisconsin-Madison in 1994 and became a Professor in 1996 and the Associate Chair of the Department of Statistics in 1997. **[FORMER POSITIONS]** He was an Assistant Professor at Purdue University (1987-88) and an Assistant/Associate Professor at University of Ottawa (1989-1993). **[DEGREES]** Dr. Shao received a B.S. in Mathematics from East China Normal University (1982) and a Ph.D. in Statistics from University of Wisconsin-Madison (1987). **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** Jun Shao has research interests in model selection, sample survey (variance estimation and imputation), asymptotic theory, and medical statistics. **[PUBLICATIONS]** He published numerous articles in statistical journals such as The Annals of Statistics, Biometrika, JASA, JRSSB, Biometrics, Statistics in Medicine, and Statistica Sinica. He also published two books in Springer: "The Jackknife and Bootstrap" (1995) and "Mathematical Statistics" (1999). **[ICSA ACTIVITIES AND OFFICES HELD]** Jun Shao was invited to many professional meetings, taught a short course in the 1998 ICSA Applied Statistics Symposium, and will teach a short course again in the 1999 ICSA Applied Statistics Symposium. He has been an Associate Editor for Statistica Sinica since 1991. **[RELATED PROFESSIONAL ACTIVITIES]** Jun Shao was a senior ASA/NSF research fellow at the Bureau of Labor Statistics and the Census Bureau (1996-97) and a senior research fellow at the Covance Clinical and Periapproval Services, Inc. (1998). He is an IMS fellow and

members of several statistical societies. He is also an Associate Editor for The Journal of American Statistical Association (1993-96 and 1998-present).

SHIH, Weichung Joe 施維中

[PRESENT POSITION] Dr. Shih is Director of Scientific Staff and Senior Investigator of Biostatistics and Research Data Systems, Merck Research Laboratories; Adjunct Professor of University of Medicine and Dentistry of New Jersey. **[DEGREES]** Ph.D., 1981, Statistics, University of Minnesota, Minneapolis-St. Paul. **[PUBLICATIONS]** Over 70 statistical and application papers in peer-reviewed journals including Technometrics, The Statistician, Communications in Statistics - Theory and Method, Statistics & Probability Letters, Biometrics, Statistics in Medicine, JRSS-C, Biometrical Journal, etc. and book chapters. **[ICSA ACTIVITIES AND OFFICES HELD]** Permanent/life member. Membership since 1980. Founding Committee for the Biometrics Section, 1993. Program Committee of Applied Statistics Conference, 1993, 1994, and 2000. Membership Committee: 1998-1999. Public Relation Committee: 1999. Organizer & Chair of ICSA-SCBA Joint Conference on Pre-clinical & Clinical Issues, 1995. Associate Editor of ICSA Bulletin, 1996-present. Associate Editor of Statistica Sinica. Instructor of ICSA short course, 1997. **[RELATED PROFESSIONAL ACTIVITIES]** ASA NJ Chapter Treasurer 1998-99; Program Chair, 1993-94; Regional Science Fair Judge, 1994; Continue Education Committee, 1996-97; Editorial Board, Controlled Clinical Trials. Statistical Reviewer for the American Academy of Periodontology. Organizer & Chair of Invited Paper Session of International Biometrics Society ENAR Spring Meeting, 1995. Workshop instructor for Deming Applied Statistics Conference, 1994, 97. Fellow of ASA, 1996.

WANG, Mei-Cheng 王美茜

[PRESENT POSITION] Dr. Wang is Professor of Department of Biostatistics at Johns Hopkins University. **[DEGREES]** She received her Ph.D. degree in Statistics from UC Berkeley in 1985. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** Her research interests include sampling-biased models, survival analysis, semiparametric models and epidemiological statistics with biomedical applications. **[PUBLICATIONS]** Dr. Wang has published in major statistical journals, including JASA, Biometrics and Biometrika, as well as public health journals. **[ICSA ACTIVITIES AND**

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[OFFICES HELD] She is currently serving in ICSA as the chair for the Publication Committee and the ICSA-99JSM Program Committee. She has served on many professional committees for ICSA. In particular, she served on the 1996 ICSA Applied Symposium Committee. **[RELATED PROFESSIONAL ACTIVITIES]** Dr. Wang is currently the Associate Editor for Biometrics, JASA (TM Section), and Journal of Lifetime Data Analysis. She has served on many professional committees for NIH, and ASA. She chaired the Biometrics-ENAR Program in the 1996 ASA meeting. She is an ASA Fellow.

WANG, Xue-ren 王學仁

[PRESENT POSITION] Professor Wang is PHD supervisor of Yunnan University. **[FORMER POSITIONS]** He was former president of Yunnan University. **[DEGREES]** Dr. Wang received an honor doctor of Latrobe University, Australia. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** He engages in the research applied statistics and mathematical geology, and applied the statistical theories and methods to geology, agriculture, economics and social science. Especially in the area of deposit statistical prediction has made a great contribution to Yunnan Province in geological prospecting and finding of ore. **[PUBLICATIONS]** He had published seven books including "Multivariate Statistical Analysis of Geology Data", and more than fifty papers in the journals such as "Mathematical Geology". **[ICSA ACTIVITIES AND OFFICES HELD AND RELATED PROFESSIONAL ACTIVITIES]** He is a member of American Statistical Association, International Mathematical Geology Association and ICSA. He had brought up many excellent young statisticians in China.

Brief Biography of Candidates
候選人簡介

CANDIDATES FOR BIOMETRICS SECTION REPRESENTATIVE TO
THE BOARD

SHEN, Frank 沈志華

[PRESENT POSITION] Director, Non-clinical Biostatistics, Bristol-Myers Squibb Co. since 1997. **[FORMER POSITIONS]** Associate Director, Non-clinical Biostatistics, Bristol-Myers Squibb Co., 1996-1997; Manager, Biometrics Research, Merck & Co, 1993-1996; Research Statistician/Sr. Statistician/Statistician, Biometrics, Wyeth-Ayerst Research, 1989-1993. **[DEGREES]** Ph.D., 1992, Statistics, Temple U.; M.S., 1987, Statistics, Temple U.; M.E.S., 1985, Chemical Engineering, Lamar U.; B.E., 1978, Chemical Engineering, Chung-Yuan U., Taiwan. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** Statistical collaborations in the following areas: computational chemistry and computational biology in Drug Discovery; natural product taxonomy; microbial medium optimization; psychopharmacology; Pharmacokinetics/pharmacodynamics including bioequivalence; catalyzing scientific research with statistical thinking; data warehousing and mining; pharmacogenomics. **[PUBLICATIONS]** "Experimental Autoimmune Encephalomyelitis is Exacerbated in Mice Lacking the NOS2 Gene," 1998, J. of Immunology; "Use of Toxicokinetic and Toxicodynamic Data to Reduce Uncertainties when Setting Occupational Exposure Limits for Pharmaceuticals," 1997, Human and Ecological Risk Assessment; "Robust and Bootstrap Testing Procedures for Bioequivalence," 1994, J. of Biopharmaceutical Statistics; J. of Medicinal Chemistry; Arthritis and Rheumatism; SUGI Proceedings; Psychopharmacology; Pharmacology, Biochemistry, and Behavior; Drug Development Research; Annuals of the NY Academy of Sciences; Fundamental and Applied Toxicology. **[ICSA ACTIVITIES AND OFFICES HELD]** Short Course Director of the ICSA symposium (1997). **[RELATED PROFESSIONAL ACTIVITIES]** Workshop Chair (1999) and Co-chair (1998) of the Midwest Biopharmaceutical Statistics Workshop, Symposium Chair (1995-1997) of the ASA/NJ Chapter, Program Chair (1996-1997) of the ASA Princeton-Trenton Chapter, Co-chair (1997) of the ASA/SPES Spring Research Conference. Member of ASA. ENAR regional advisory board member (1997-1999), Member of International Biometrics ENAR, AAAI, and ICSA.

WEI, Greg Cheng Gang 魏成綱

[PRESENT POSITION] Dr. Greg Cheng Gang Wei is Associate Director of Biometrics in the early clinical research at Pfizer. **[FORMER POSITIONS]** He started his career in pharmaceutical industry in Marion Merrell Dow as a senior statistician in the pharmaceutical statistics group from 1989 - 1994. Later he worked for Sanofi Winthrop as a principal statistician from 1994 - 1997. **[DEGREES]** Dr. Wei received his Ph.D. in biostatistics from University of Wisconsin - Madison in 1989 under Professor Martin Tanner. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** Greg's primary research interests and expertise lie in mixed effect modeling, release limits of drug products, design and analysis for bioequivalence study, and population pharmacokinetics. **[PUBLICATIONS]** He has published articles either as the author or a co-author in JASA, Biometrics, Biometrika, Journal of Pharmaceutical Statistical, Drug Information Journal, and Journal of The Chinese Statistical Association. **[ICSA ACTIVITIES AND OFFICES HELD]** Greg was an organizer for 1998 ICSA Applied Statistical Symposium. **[RELATED PROFESSIONAL ACTIVITIES]** Greg is active in serving for Chinese community professionally and socially, he now is the president of Southeastern Connecticut Chinese Culture Society.

Brief Biography of Candidates
候選人簡介

CANDIDATES FOR BIOMETRICS SECTION CHAIR-ELECT

HUNG, Hsien-Ming James 洪賢明

[PRESENT POSITION] Dr. Hung is an expert reviewer mathematical statistician in Division of Biometrics I, Center for Drug Evaluation and Research, Food and Drug Administration. **[FORMER POSITIONS]** Previous positions of Dr. Hung include university faculty and statistical consultant. **[DEGREES]** He received his Ph.D. in statistics from Iowa State University in 1983, M.S. in statistics from the U. of South Carolina-Columbia in 1979, and B.S. in mathematics from National Tsing Hua University of Taiwan in 1974. **[FIELDS OF MAJOR STATISTICAL ACTIVITIES]** Dr. Hung's research interests include the following areas: clinical statistics, factorial designs, crossover designs, P-value, survey sampling, and etc. **[PUBLICATIONS]** He published research work in various journals (e.g. Biometrics, Statistics in Medicine, New England Journal of Medicine, Journal of Business and Economic Statistics, Journal of Applied Statistics, Communications in Statistics, Statistics and Probability Letters). **[ICSA ACTIVITIES AND OFFICES HELD]** He is currently a member of Board of Directors and Treasurer of the Biometrics Section of ICSA. **[RELATED PROFESSIONAL ACTIVITIES]** Professional services include referee service for Biometrics, Statistics in Medicine, Controlled Clinical Trials, Statistics and Probability Letters, Communications in Statistics, Journal of Official Statistics, Journal of Agriculture, Biological and Environmental Statistics, etc. He is the coordinator of the NIH-FDA-USUHS Chinese Statistician Saturday Seminar Group. Other activities include services on the Board of Directors of Gaithersburg Chinese School.

SHIH, Weichung Joe 施維中

[PRESENT POSITION] Dr. Shih is Director of Scientific Staff and Senior Investigator of Biostatistics and Research Data Systems, Merck Research Laboratories; Adjunct Professor of University of Medicine and Dentistry of New Jersey. **[DEGREES]** Ph.D., 1981, Statistics, University of Minnesota, Minneapolis-St. Paul. **[PUBLICATIONS]** Over 70 statistical and application papers in peer-reviewed journals including Technometrics, The Statistician, Communications in Statistics - Theory and Method, Statistics & Probability Letters, Biometrics, Statistics in Medicine, JRSS-C, Biometrical Journal, etc. and book chapters. **[ICSA ACTIVITIES AND OFFICES HELD]** Permanent/life member. Membership since 1980. Founding Committee for the Biometrics Section, 1993. Program Committee of Applied Statistics Conference, 1993, 1994, and 2000. Membership Committee: 1998-1999. Public Relation Committee: 1999. Organizer & Chair of ICSA-SCBA Joint Conference on Pre-clinical & Clinical Issues, 1995. Associate Editor of ICSA Bulletin, 1996-present. Associate Editor of Statistica Sinica. Instructor of ICSA short course, 1997. **[RELATED PROFESSIONAL ACTIVITIES]** ASA NJ Chapter Treasurer 1998-99; Program Chair, 1993-94; Regional Science Fair Judge, 1994; Continue Education Committee, 1996-97; Editorial Board, Controlled Clinical Trials. Statistical Reviewer for the American Academy of Periodontology. Organizer & Chair of Invited Paper Session of International Biometrics Society ENAR Spring Meeting, 1995. Workshop instructor for Deming Applied Statistics Conference, 1994, 97. Fellow of ASA, 1996.

Brief Biographical Sketch of New Chief Editor of ICSA Bulletin Dr. Sue-Jane Wang

Dr. Sue-Jane Wang is currently a mathematical statistician, Division of Biometrics II, Office of Biostatistics, Center for Drug Evaluation and Research, Food and Drug Administration. Her former positions include statistical consultant in the universities, research associate of Demographic Research Incorporated, and research statistician/consultant to physicians and medical scientists in a non-profit medical research organization affiliated with UCLA. Dr. Wang received an M.A. degree in Statistics from University of Missouri, Columbia, an M.S. degree in Biostatistics from UCLA, and her Ph.D. degree in Biostatistics from University of Southern California. Her research areas of interest include analysis methods for the multiple primary efficacy endpoints, impacts of mid-course change of clinical trial conduct, adaptive design and analysis, time to recurrent event analysis, Bayesian utility, Gibbs sampling / Markov chain Monte Carlo approach, and biomedical application of statistics in clinical trials, genetic and epidemiologic studies. Dr. Wang published her research work in statistical journals such as Biometrics, The American Statistician, Communications in Statistics, as well as in medical journals such as American Journal of Medical Genetics, Gastroenterology, Molecular and Cellular Probes, Tissue Antigens, and Obstetrics and Gynecology. She has been a member of ICSA since 1994. She served as the Chair and Organizer of "Statistics in Genetic Epidemiology" Session, ICSA applied symposium held at Johns Hopkins University, Baltimore, Maryland, June 8, 1996. She was a member of American Society of Human Genetics and Genetic Epidemiology. Currently she is a member of American Statistical Association, Society of Clinical Trials, and ICSA.

Brief Biographical Sketches of 1999 ICSA Student Award Winners

The following are the 1999 ICSA student award winners, and their research topics winning the awards:

1. Building Marginal Models for Multiple Ordinal Measurements
Guan-Hua Huang and Karen Bandeen-Roche
Department of Biostatistics, Johns Hopkins Univ
2. Nonlinear Mixed Effects Models: Parametric and Nonparametric Approaches
Mei-Chiung Shih
Stanford University
3. Analysis of Accelerated Hazards Model
Ying Qing Chen and Mei-Cheng Wang
Department of Biostatistics, Johns Hopkins Univ
4. Proportional Hazards Model with Partly Interval-Censored Data
Jong Sung Kim
Department of Statistics and Actuarial Science
University of Iowa, Iowa City
5. Bias Analysis and Nonparametric Maximum Likelihood Estimation in Frailty Measurement Error Models
Yi Li and Xihong Lin
Department of Biostatistics
University of Michigan
6. On the Use of Extended Generalized Estimating Equations for Regression Analysis under Non-Standard Situations
Nae-Yuh Wang and Kung-Yee Liang
Department of Medicine and Biostatistics
The Johns Hopkins University

The winners' brief biographical sketches follow:

1. Guan-Hua Huang

Mr. Huang is a 4th year PhD student at Department of Biostatistics, Johns Hopkins University. He got his master degree in statistics from Tsing-Hua University (Taiwan), and BS in applied mathematics from Cheng-Chi University (Taiwan). During the four years in Hopkins, He has worked as a TA for several introductory biostatistics courses, a RA for the Salisbury Eye

Evaluation project which is a population-based, prospective study about aging people, and a statistical consultant for the Biostatistics Center, Johns Hopkins University.

Mr. Huang's research is mainly focusing on dealing the correlated data problem. The paper that he presented at ICSA symposium was about how to analyze the multiple ordinal measurements. Increasingly, physical functioning is often quantified as categorized responses to a series of questions about ability to perform routine tasks of living. Since responses from the same subject are correlated, individually analyzing how the separate indicators are related to variables of interest is inappropriate. In the paper, he and the co-author tailor generalized estimating equations methodology for analyzing such outcomes.

Now, Mr. Huang is working on the use of latent class methods to address the relationship between multiple measurements and variables of interest. They propose a latent class regression model to do the analysis. Choosing the number of latent classes to fit the model, methods of estimating the parameters, the identifiability issue, and model diagnosis problems are studied.

2. Mei-Chiung Shih

Mei-Chiung Shih was born in Taiwan in 1969. She received the B.S. degree in mathematics from National Taiwan University in 1990, and will receive the Ph.D. degree in statistics from Stanford University in the summer of 1999.

From 1995 to 1998 she took a leave of absence from Stanford and joined Schering-Plough Research Institute as a research biostatistician, responsible for a variety of statistical analyses, in particular, pharmacokinetic studies. In 1998 she returned to Stanford to finish her Ph.D. thesis. Her research interests include linear, generalized linear and nonlinear mixed effects models, design and analysis of clinical trials, computational statistics and genetic epidemiology. Beginning in September 1999, she will be a postdoctoral fellow in the medical school of Stanford University.

3. Ying Qing Chen

Ying Qing Chen received his B.S. in Mathematics from Peking University in 1992. He has been a doctoral candidate in Biostatistics at the Johns Hopkins University since 1994. He received his Ph.D. in May, 1999 and assumed an assistant professorship at the University of California, Berkeley starting July, 1999. His research interest is mainly in analysis of survival data.

4. Jong Sung Kim

Jong Sung Kim is a graduate student who is completing (Dec., 1999) his Ph.D degree in Statistics from the University of Iowa, Iowa City, U.S.A. His research interests include non- and semiparametric models, survival analysis, and variance estimation.

The incomplete data considered in Kim's research arise from censoring and/or truncation. Such data are common in medical and reliability studies. He is interested in a derivation of the

asymptotic distribution for his estimator in non- and semiparametric models. He is also interested in a derivation of the asymptotic distribution for functionals of NPMLE and the development of nonparametric tests based on complicated censored data. Finally, he is interested in variance estimation. In a survival model with censoring and/or truncation, we sometimes lack an explicit expression for the variance-covariance matrix of our estimator. Even if we have an explicit expression, it is not always an easy matter to estimate it.

He has been studying some of the above problems and his results are discussed in his research papers: The proportional hazards models with partly interval censored data (submitted); Efficient estimation for the proportional hazards models with left-truncated and interval censored data (submitted); Asymptotic normality of linear functionals of the NPMLE for left-truncated and interval censored data (manuscript in preparation).

5. Yi Li and Xihong Lin

Brief biographical sketches of the above two winners are not available at the time of publication of the Bulletin.

6. Nae-Yuh Wang

Nae-Yuh Wang received his BS, in Applied Mathematics in 1985 from Chung-Yuan Christian University, Chung-Li, Taiwan, MS, in Statistics, 1987 from National Central University, Chung-Li, Taiwan, and Ph.D. in Biostatistics in 1999 from School of Hygiene and Public Health, The Johns Hopkins University, Baltimore, Maryland. He received *Phi Tau Phi* National Honor Society, 1987.

He has published the following papers:

Graves PL, Mead LA, Wang N-Y, Liang K-Y, Klag MJ: Temperament as a Potential Predictor of Mortality: Evidence from a 41-Year Prospective Study. *Journal of Behavioral Medicine* 1994; 17(2):111-26.

Klag MJ, Mead LA, LaCroix AZ, Wang N-Y, Coresh J, Liang K-Y, Pearson TA, Levine DM: Coffee Intake and Coronary Heart Disease. *Annals of Epidemiology* 1994; 4(6):425-33.

Johnson JV, Hall EM, Ford DE, Mead LA, Levine DM, Wang N-Y, Klag MJ: The Psychosocial Work Environment of Physicians: The Impact of Demands and Resources on Job Dissatisfaction and Psychiatric Distress in a Longitudinal Study of Johns Hopkins Medical School Graduates. *Journal of Occupational and Environmental Medicine* 1995; 37(9):1151-9.

Rollman BL, Mead LA, Wang N-Y, Klag MJ: Medical Specialty and the Incidence of Divorce: The Johns Hopkins Precursors Study. *New England Journal of Medicine* 1997; 336(11):800-3.

Graves PL, Wang N-Y, Mead LA, Johnson JV, Klag MJ: Youthful Precursors of Midlife Social Support. *Journal of Personality and Social Psychology* 1998; 74(5):1329-36.

Chuu W-M, Wang N-Y, Perry D: Vena Caval Filters for the Prevention of Pulmonary Embolism: Letter to the Editor. *New England Journal of Medicine* 1998; 339(1):46.

Ford DE, Mead LA, Chang PP, Cooper-Patrick L, Wang N-Y, Klag MJ: Depression is a Risk Factor for Coronary Artery Disease in Men: The Precursors Study. *Archives of Internal Medicine* 1998; 158(13): 1422-26.

Wang N-Y: On the Use of Extended Generalized Estimating Equations for Regression Analysis under Non-Standard Situations. Doctoral Dissertation, The Johns Hopkins University. October 1998.

Brancati FL, Wang N-Y, Mead LA, Liang K-Y, Klag MJ: Body Weight Patterns from Age 20 to Age 49 and the Subsequent Risk of Diabetes Mellitus: The Johns Hopkins Precursors Study. *Archives of Internal Medicine* 1999; 159(9):957-63.

Gelber AC, Hochberg MC, Mead LA, Wang N-Y, Wigley FM, Klag MJ: A Prospective Study of Body Weight in Young Men and Risk of Future Knee and Hip Osteoarthritis. *American Journal of Medicine*. (In Press)

CONVERSATIONS ABOUT DR. BANGNEE ALFRED LIU

T. Timothy Chen

University of Maryland Greenebaum Cancer Center
Baltimore, Maryland 21201

Bangnee Alfred Liu (劉彭年) was born on December 18, 1901, in Shanghai, China. He received his B.A. degree in Education in 1928 from Columbia Union College, Takoma Park, Maryland; M.A. degree in Psychology and Education in 1938 from George Peabody College for Teachers, Nashville, Tennessee; and Ph.D. degree in School Administration and Research Methods in Education in 1944 from Columbia University. He is a Fellow of the American Statistical Association (elected 1957) and a Fellow of the American Association for the Advancement of Science (elected 1958). He passed away on August 3, 1988.

The following conversation with his daughter, Mrs. Mei-Teh Liu Yeh, took place at Peking University, Beijing, China on April 28, 1999. The conversation with his wife, Mrs. Gloria Liu, was at her residence at Spruce Pine, North Carolina on March 30, 1999. The content of the conversation with Dr. Liu in February 1987 as transcribed by his daughter Mrs. Donna Liu Dietz is also incorporated; same are some materials from Chiaotou Reflections, 1925-1988.

Chen: Mrs. Yeh, I am glad that I can locate you at Peking University through the help of your stepmother, Mrs. Gloria Liu. We would like to publish an interview article about your father, Dr. Bangnee Alfred Liu, who was the second Chinese-American statistician elected to be a fellow of American Statistical Association. We cannot interview Dr. Liu personally, so I am here to gather information from you. Could you tell us about Dr. Liu's family background?

Mrs. Yeh: My grandfather moved from Ningbo, Zhejiang to Shanghai at the end of 19th century and operated a shop in the international settlement area. My uncle, who was two years older than my father, died of tuberculosis. When this happened, he was under the care of missionaries in a Christian

hospital. My grandparents and the whole family were converted into Christianity due to this event. After my father graduated from high school in 1918, he worked at a Seventh-Day Adventist (SDA) church as a pastor and schoolteacher. His interest in education was formed in these early years.

Chen: He was a pastor and teacher in Shanghai for several years. When and how did he come to the U.S. for his college education? Where did he study?

Mrs. Yeh: When he came to the USA in 1926, he came by third class on a ship and arrived at Seattle. He was taken to the immigration station and put into a room with iron-barred windows, and only blankets and hard board to sleep on without mattress, nor sheets. He was given that treatment because he was an oriental traveler. After one night there, he made a phone call to the SDA church official in Seattle, and he was released from that awful place. Finally he arrived at Washington Missionary College (now Columbia Union College) at a suburb of Washington, D.C. It was a small college of about 500 students. Everything was very strict with vegetarian food, no meats of any kind, no smoking, no drinking, no card playing, and no dancing.

Chen: How did he pay for his tuition? How did he adjust to the U.S.?

Mrs. Yeh: He worked in a print shop doing all kind of odd jobs to pay for his expenses. He stayed for two years, and he began to accept certain American values, began to appreciate the opportunities and privileges. He used to take the streetcar to the Library of Congress, and spend most of the day there just taking out a pile of books and reading to his heart's content.

Chen: When did he return to China? Did he return to China the same way he came?

Mrs. Yeh: After getting his bachelor degree, he returned to China in 1928. He started from New York city, across Atlantic by boat to Southampton, then London. He decided to have a new experience of travelling by air, so he went from London to Paris by plane. He then went from Paris to Marseilles, Venice, Florence, Vienna, Prague, Berlin, and Moscow. Finally he took a train from Moscow to Harbin, and Dalian, then a boat to Qingdao, and back to Shanghai.

Chen: Then he stayed in China for nine years. What did he do during these nine years?

Mrs. Yeh: My father was offered an instructor position at China San Yu Training Institute (中華三育研究社) at Chiao Tou Tseng (橋頭鎮) 30 miles from Nanjing. It was a training school for 400 children of SDA church members all over China from junior high level to the first two years of college, following the threefold concept of developing head, heart, and hand proposed by Ellen G. White. My father later became the principal of the Institute; he preached in the school chapel and directed the school choir. Under his directorship, the

choir once performed "The Pillar of Fire--The Return of Israel" by Betterworth and Root. Students remembered him as a very gifted, versatile and caring teacher. I think the seed of his future educational research career was planted during this period.

Chen: How did he get the chance to come to the U.S. again?

Mrs. Yeh: In summer of 1937, SDA convened a world conference on higher education, and held that conference at Black Mountain, in the Blue Ridge Mountains. He asked to be included in the delegation to the conference, and also asked to stay another year to get his master degree. He studied at George Peabody College for Teachers for one year and obtained a M.A. degree.

Chen: Why did he continue to stay at the U.S. after that?

Mrs. Yeh: Sino-Japanese war broke out in 1937, and Japanese soldiers destroyed China San Yu Training Institute in that winter. There were eight years of fighting between China and Japan, and he could not return to China to resume his career. After the war, he had his Ph.D. degree and he wanted to return to China, but he was not offered a proper position. He tried to get the family out of China, but that did not work out. He and we were separated since 1937 until 80's. My mother died in 1981 and never got to see him again.

Chen: Mrs. Liu, could you tell us how did you meet Dr. Liu?

Mrs. Liu: After finishing his M.A., Dr. Liu enrolled at Teachers College, Columbia University for his doctoral study from 1939 to 1944. My family lived near the International House at that time, and I participated at the social functions of

International House. Dr. Liu lived in International House, and we met there.

Chen: At Columbia, Dr. Liu was a teaching assistant for two years (1939-41), then he worked as a research associate at China Institute in America (美中協會) for two years (1941-43). What kind of work did he do at China Institute in America? What kind of organization was China Institute in America?

Mrs. Liu: China Institute was an organization to promote better relationship between the US and China, to inform the general public on Chinese civilization, culture, etc. He was on the research staff, but he did some public speaking too. He was good at that because of his pastoral and teaching experience. He could connect with his audience.

Chen: He obtained his Ph.D. in 1944. What was the topic of his dissertation research? Were there teachers who influenced him during his study at Columbia?

Mrs. Liu: His dissertation title was "The work of city school research bureaus in cities of over 500,000 population in the United States". King's Crown Press later published it with a title Educational Research in Major American Cities, in 1945. His mentor, Dr. Helen Walker, Head of the Statistics Department at Teachers College, influenced him to major in statistics.

Chen: From 1943 to 1948, he worked at Chinese Government Information Office as directors in various places, like New York city, Montreal, and Washington D.C. Why did he decide to take these positions? It seems not related to education or research method.

Mrs. Liu: Again he was good at public speaking, and also it was not easy for Chinese to get a good position in the professional field during the 40's.

Chen: From 1948, he worked two years at United Nations Statistical Office in New York as the deputy chief of Demographic and Social Statistics Branch. During this time, he participated in the editing of the first edition of United Nations Demographic Yearbook. What kind of information was contained in this Yearbook?

Mrs. Liu: This time was the founding of the United Nations. Many new nations were becoming independent. The Yearbook contained many valuable statistics about the new nations and the world. UN has published this yearbook continuously since then.

Chen: He then worked for 12 years (1950-62) at United Nations Educational, Scientific and Cultural Organization (UNESCO) at Paris, France as the chief of Statistics Division. Could you tell us his accomplishments?

Mrs. Liu: He was the director of regional seminars on standardization of educational statistics for Asia and the Far East (1957) and Africa (1959). He was the director of Latin American (1960) and Asian (1961) seminars on statistics of education. He published Progress of Literacy in Various Countries in 1953, World Illiteracy at Mid-Century in 1957, and Manual of Educational Statistics in 1961. He was the lead editor for World Handbook of Educational Organization and Statistics (1952), World Survey of Education (1955), World Survey of Education, II, Primary Education (1958), World Survey of Education, III, Secondary Education (1961), and annual issues of Basic Facts and Figures: International Statistics Relating to Education, Science, Culture, and

Mass Communication (1952-1962). He was elected a fellow of ASA and AAAS during this period. He really made some impacts about education in the emerging new countries.

Chen: During this time, you two were married? Could you tell us about it?

Mrs. Liu: After he moved to Paris for one year, the Korean War broke out, he realized that the chance of reuniting with his family in China was nil. He came back to New York to marry me, and we went to Paris together.

Chen: He returned to the U.S. in 1962, and for the next nine years he was a professor and administrator at the City University of New York. He retired in 1971 as the University Associate Dean of the Division of Teacher Education. What were his accomplishments during these nine years?

Mrs. Liu: He did a lot of administrative work, but he also published Estimating Future School Enrollment in Developing Countries: a Manual of Methodology (1966), and edited several annual survey of Employment status of students who completed a state-approved teacher education program in The City University of New York (1963-66).

Chen: After his retirement in 1971, what had he done professionally?

Mrs. Liu: After his retirement, we moved here in the mountain area of the North Carolina. There is not much opportunity for professional consulting. Besides, his condition deteriorated because of Parkinson's Disease. He died in 1988.

Chen: Did Dr. Liu have any hobby? What did he do in his spare time?

Mrs. Liu: During our years in Paris, I think our children, Daniel and Donna, constituted his "hobby." He took great pleasure in taking them on special trips. He read to them at an early age and taught them bridge and chess when they were about 6 or 7 years of age. The attention he gave them delighted me, as my own college major was in pre-school education. When we first moved to Spruce Pine, he bought a greenhouse and immediately embraced the cultivation of orchids. He had always been an enthusiastic hiker. We took as many short hikes here as his physical situation allowed. Sometimes, he and my brother-in-law, Dr. Bingham Dai, who retired near us, would walk around the lake, composing Chinese poems, then end up playing "Go" on a bench on the beach.

Chen: Could you describe Dr. Liu's philosophy of life?

Mrs. Liu: I would say he wanted to help people and do useful things for the society. Although he did not introduce a set form of religion to our children, he has never renounced Christianity. The SDA friends influenced and helped him to study education in the U.S. Near the end of his life he regretted that he missed a deeper spiritual life.

Chen: Could you tell us about Dr. Liu's family?

Mrs. Liu: He had four children from the first marriage. The eldest son was killed after Japanese bombing of Chongqing during the Second World War. His daughter, Mrs. Yeh, was a professor and administrator at Peking University. With my help, his two other sons and their families immigrated to the U.S. after the Cultural Revolution, and now live in Charlotte and Atlanta. We have one son and one daughter. My son works as

an engineer at Charlotte, and daughter is working for CNN in Hong Kong.

Chen: Thank you very much for granting me the opportunity of interviewing you. Dr. Liu lived an interesting and meaningful life. His life story is inspiring, and is a valuable record of the experiences of a Chinese-American statistician.



Dr. Liu before his retirement.



一九三〇年代英俊多才的劉彭年社長和他的妹妹劉瑤年女士在大樓側留影。

Dr. B. A. Liu, former college president, and his sister Liu Yau Nyian. Picture taken beside the administration building in the 1930's.



Dr. Liu cultivated the orchids in his greenhouse after retirement.

FDA, CDER and Office of Biostatistics Today*

Karl K. Lin, Ph.D.
Division of Biometrics 2, Office of Biostatistics
Center for Drug Evaluation and Research
Food and Drug Administration
Rockville, Maryland

FDA

The Food and Drug Administration (FDA) is one of our nation's oldest consumer protection agencies. The FDA regulates over \$1 trillion worth of products, which account for 25 cents of every dollar spent annually by American consumers. Approximately 9,000 FDA employees monitor the manufacture, import, transport, storage and sale of the over \$1 trillion worth of products each year. It does that at a cost to the taxpayer of about \$3 per person.

The FDA touches the lives of virtually every American every day. It is FDA's job to see that the food we eat is safe and wholesome, that the cosmetics we use won't hurt us, that the medicines and medical devices we use are safe and effective, that the radiation-emitting products such as microwave ovens won't do us harm, and that the feed and drugs for pets and farm animals also are safe and effective. FDA also ensures that all of these products are labeled truthfully with the information that people need to use them properly.

First and foremost, the FDA is a public health agency, charged with protecting American consumers by enforcing the Federal Food, Drug, and Cosmetic Act and several related public health laws. To carry out this mandate of consumer protection, FDA has some 1,100 investigators and inspectors who cover the country's almost 95,000 FDA-regulated businesses. These employees are located in district and local offices in 157 cities across the country.

Jane E. Henny, M.D. is the current Commissioner of the FDA. There are five centers and one office in the FDA. They are Center for Drug Evaluation and Research (CDER), Center for Biologics Evaluation and Research (CBER), Center for Food Safety and Applied Nutrition (CFSAN), Center for Devices and Radiological Health (CDRH), Center for Veterinary Medicine (CVM), National Center for Toxicological Research (NCTR), and Office of Regulatory Affairs. Figure 1 shows the organization chart of the FDA.

* The views expressed in the article are those of the author and not necessarily of FDA. The article is based on the material the author prepared for the topic "FDA, Past and Present" of the Pharmaceutical Education & Research Institute (PERI) course titled Non-Clinical Statistics for Drug Discovery and Development, July 26-28, 1999, Arlington, Virginia. Most of the information in the article is directly from the publications and websites listed in the section of selected references.



一九八〇年代的劉彭年博士，孜孜不倦學習書法。左邊是劉夫人陳瑞芳女士。

Dr. B. A. Liu practicing Chinese calligraphy at home in the 1980's. On his right is Mrs. Liu.



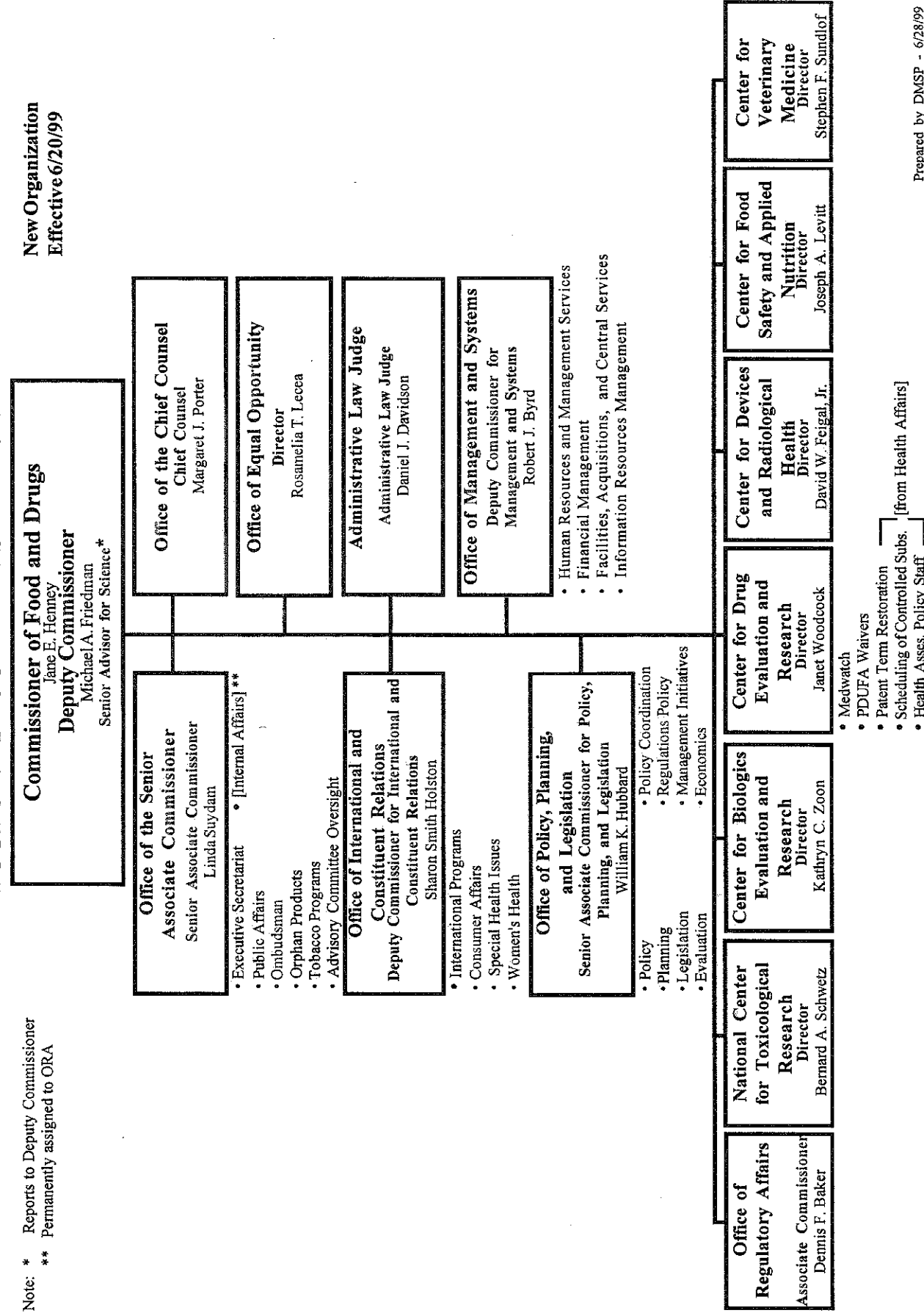
Dr. Liu celebrated his 82 years birthday with his sons and grandchildren.

Figure 1 Current FDA Organization

**DEPARTMENT OF HEALTH AND HUMAN SERVICES
FOOD AND DRUG ADMINISTRATION**

Note: * Reports to Deputy Commissioner
** Permanently assigned to ORA

New Organization
Effective 6/20/99



Prepared by DMSP - 6/28/99

The Center for Biologics Evaluation and Research (CBER) is responsible for ensuring the safety, efficacy, potency and purity of biological and related products intended for use in the treatment, prevention or cure of diseases in humans as well as the safety of the nation's supply of blood and blood products. The primary responsibility of CBER is to review the quality, safety and efficacy of vaccines, blood products, certain diagnostic products and other biological and biotechnology-derived human products.

CBER's activities include: evaluating the quality, safety and effectiveness of biological products before marketing, and monitoring the pre-clinical and clinical testing of new biological products; licensing biological products and manufacturing establishments, including plasmapheresis centers, blood banks, vaccine and biotechnology manufacturers; AIDS program and policy activities, including research on AIDS therapeutic products, diagnostic tests and vaccines; research to establish product standards, develop improved testing methods and assess the safety of biological products; compliance, lot release program and post market surveillance; and meeting PDUFA goals, new research programs, and new regulatory initiatives (managed review process for all products).

The Center for Food Safety and Applied Nutrition (CFSAN), regulates \$240 billion worth of domestic food, \$15 billion worth of imported foods, and \$15 billion worth of cosmetics sold across state lines. This regulation takes place from the products' point of U.S. entry or processing to their point of sale. CFSAN is one of six centers within FDA. With a work force of about 800, the center promotes and protects the public health and economic interest by ensuring that food is safe, nutritious and wholesome, and cosmetics are safe; that food and cosmetics are honestly, accurately and informatively labeled.

FDA's Center for Devices and Radiological Health (CDRH) is responsible for ensuring the safety and effectiveness of medical devices and eliminating unnecessary human exposure to man-made radiation from medical, occupational and consumer products. There are thousands of types of medical devices, from heart pacemakers to contact lenses. Radiation-emitting products regulated by FDA include microwave ovens, video display terminals, and medical ultrasound and x-ray machines.

The center accomplishes its mission by: reviewing requests to research or market medical devices; collecting, analyzing, and acting on information about injuries and other experiences in the use of medical devices and radiation-emitting electronic products; setting and enforcing good manufacturing practice regulations and performance standards for radiation-emitting electronic products and medical devices; monitoring compliance and surveillance programs for medical devices and radiation-emitting electronic products; and providing technical and other nonfinancial assistance to small manufacturers of medical devices.

The Center for Veterinary Medicine (CVM) regulates the manufacture and distribution of drugs and feed additives intended for animals. These include animals from which human foods are derived, as well as drugs and feed additives for pet (or companion) animals. CVM is responsible for regulating drugs, devices, and feed additives given to, or used on, over one hundred million companion animals, plus millions of poultry, cattle, swine,

sheep, and minor animal species. (Minor animal species include animals other than cattle, swine, chickens, turkeys, horses, dogs, and cats.)

The mission of NCTR is to conduct peer-reviewed scientific research that supports and anticipates the FDA's current and future regulatory needs. This involves fundamental and applied research specifically designed to define biological mechanisms of action underlying the toxicity of products regulated by the FDA. This research is aimed at understanding critical biological events in the expression of toxicity and at developing methods to improve assessment of human exposure, susceptibility and risk.

CDER/FDA

The Center for Drug Evaluation and Research (CDER) promotes and protects public health by assuring that safe and effective drugs are available to Americans. The Food and Drug Administration Modernization Act of 1997 affirmed the center's public health protection role, clarified the FDA's mission and called for the FDA to promote the public health by promptly and efficiently reviewing clinical research and taking appropriate action on the marketing of human drugs in a timely manner; protect the public health by ensuring that human drugs are safe and effective; participate through appropriate processes with representatives of other countries to reduce the burden of regulation, harmonize regulatory requirements and achieve appropriate reciprocal arrangements; and carry out its mission in consultation with experts in science, medicine and public health and in cooperation with consumers, users, manufacturers, importers, packers, distributors and retailers of human drugs.

Things people in CDER do: reviewing drugs before marketing, watching for drug problems, monitoring drug information and advertising, protecting drug quality, and conducting applied research.

Currently, Janet Woodcock, M.D. is the Director of CDER/FDA. Figure 2 shows the current CDER/FDA organization chart. As of May 22, 1999, there are 1705 employees in the Center. Table 1 shows the major job categories in CDER.

New drug development process and CDER/FDA Drug Review Team

Figure 3 shows the general new drug development process (Source: CDER Fact Book 1997).

CDER/FDA uses project teams to perform drug reviews. Team members apply their individual special technical expertise to review applications:

Chemists focus on how the drug is manufactured. They make sure the manufacturing controls, quality control testing and packaging are adequate to preserve the drug product's identity, strength, potency, purity and stability.

AS OF: 05/21/99

CENTER FOR DRUG EVALUATION AND RESEARCH

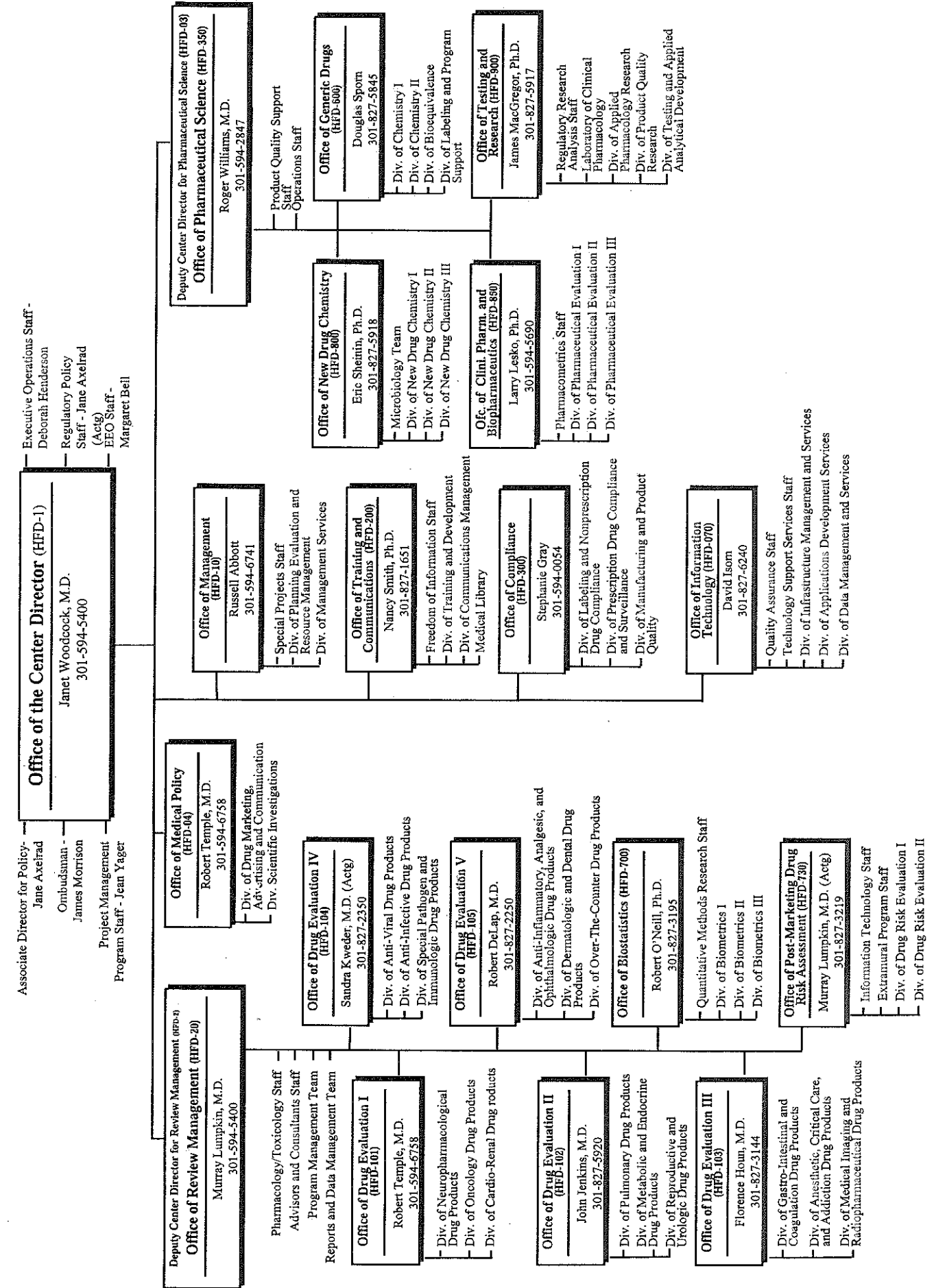


Figure 3 General Process of New Drug Development

New Drug Development Process

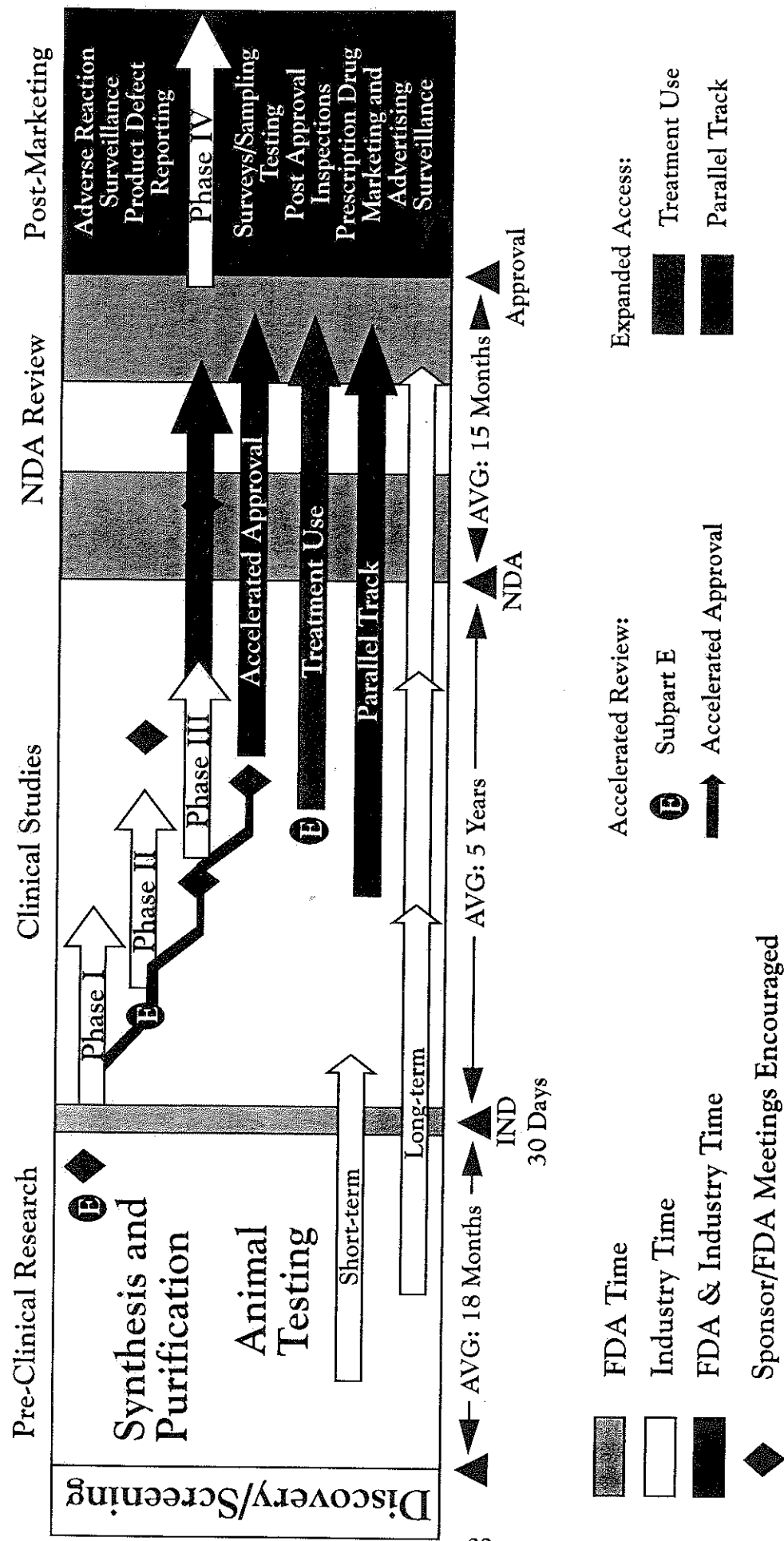


Table 1

Major Job Categories in CDER/FDA

CHEMIST	248
MEDICAL DOCTOR	229
CONSUMER SAFETY OFFICER	207
PHARMACOLOGIST	178
GENERAL HEALTH SCIENTIST	119
MISCELLANEOUS ADMINISTRATOR & PROGRAMMR	96
SECRETARY	96
MATHEMATICAL STATISTICIAN	78
COMPUTER SPECIALIST	74
MISCELLANEOUS CLERK & ASSISTANT	73
MANAGEMENT ANALYST	55
MICROBIOLOGIST	34
PHARMACIST	28
TECHNICAL INFORMATION SERVICES SPECIALIST	28
GENERAL BIOLOGICAL SCIENTIST	17
PARALEGAL SPECIALIST	15
LIBRARIAN	11
EDUCATION & TRAINING TECHNICIAN	11
ADMINISTRATIVE OFFICER	10
TOXICOLOGIST	9

Pharmacologists and toxicologists evaluate the effects of the drug on laboratory animals in short-term and long-term studies, including the potential based on animal studies for drugs to induce birth defects or cancer in humans.

Physicians evaluate the results of the clinical trials, including the drug's adverse and therapeutic effects, and determine if the product's benefits outweigh its known risks at the doses proposed.

Project managers orchestrate and coordinate the drug review team's interactions, efforts and reviews. They also serve as the review team's primary contact for the drug industry.

Statisticians evaluate the designs and results for each important clinical study.

Microbiologists evaluate the effects of anti-infective drugs on germs. These medicines—antibiotics, antivirals and antifungals—differ from others because they are intended to affect the germs instead of patients. Another group of microbiologists evaluates the manufacturing processes and tests for sterile products, such as those used intravenously.

Biopharmaceuticals evaluate the rate and extent to which a drug's active ingredient is made available to the body and the way it is distributed, metabolized and eliminated. They also check for interactions with other drugs.

Clinical pharmacologists evaluate factors that influence the relationship between the body's response and the drug dose. They assist physician members of the team in assessing the clinical significance of changes in the body's response to drugs through the use of exposure-response relationships.

Some statistics of new drug and generic drug reviews in CDER

The following figures (Figures 4-8) show some statistics of new drug review in CDER/FDA (Source: CDER 1998 Report to the Nation).

Figure 4 Original NDA Actions in CDER/FDA

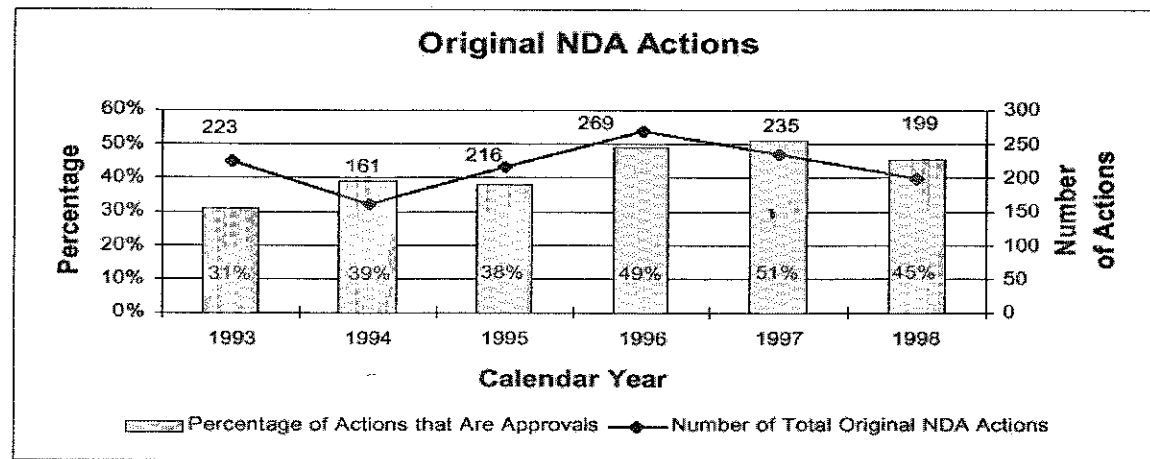


Figure 5 New Drug Application Approvals in CDER/FDA

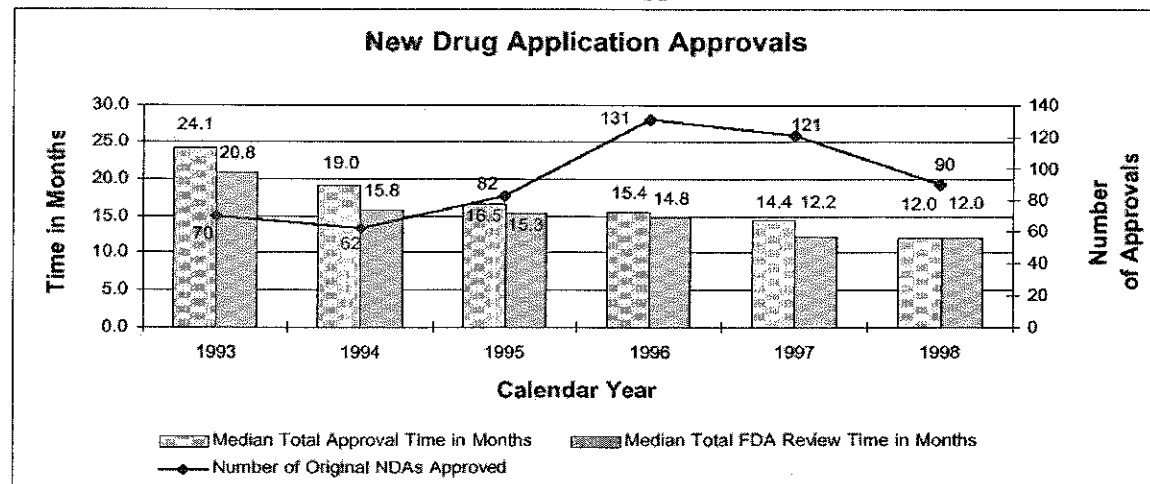


Figure 6 New Molecular Entity Approvals in CDER/FDA

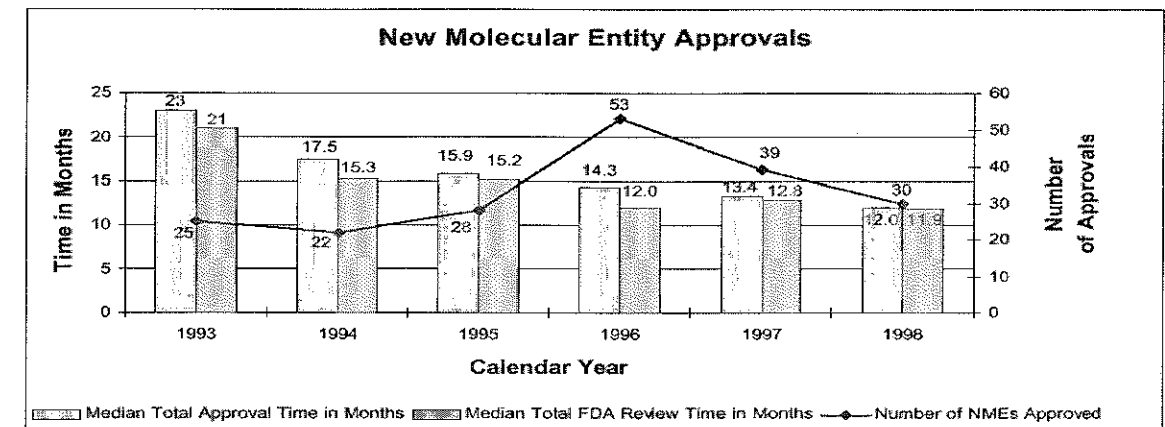


Figure 7 Efficacy Supplement Approvals in CDER/FDA

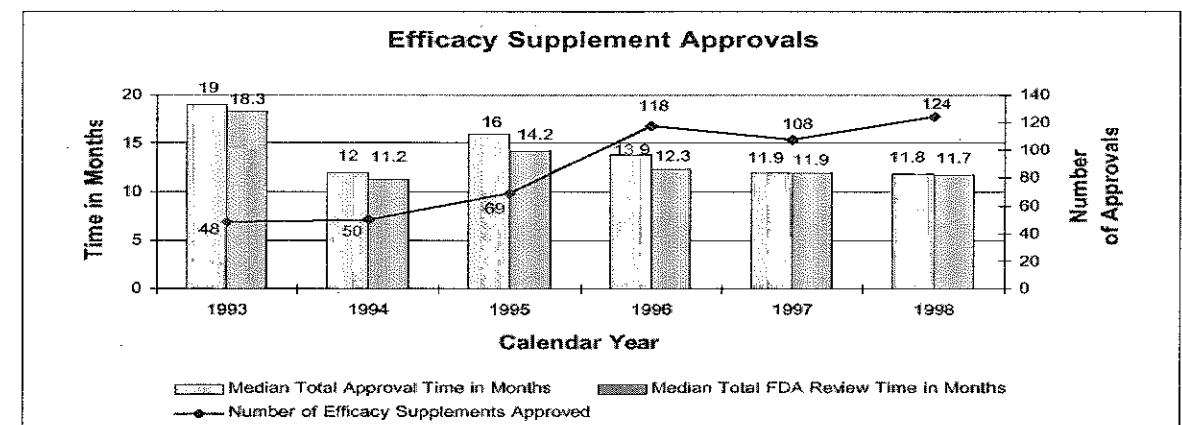


Figure 8 Efficacy Supplement Actions in CDER/FDA

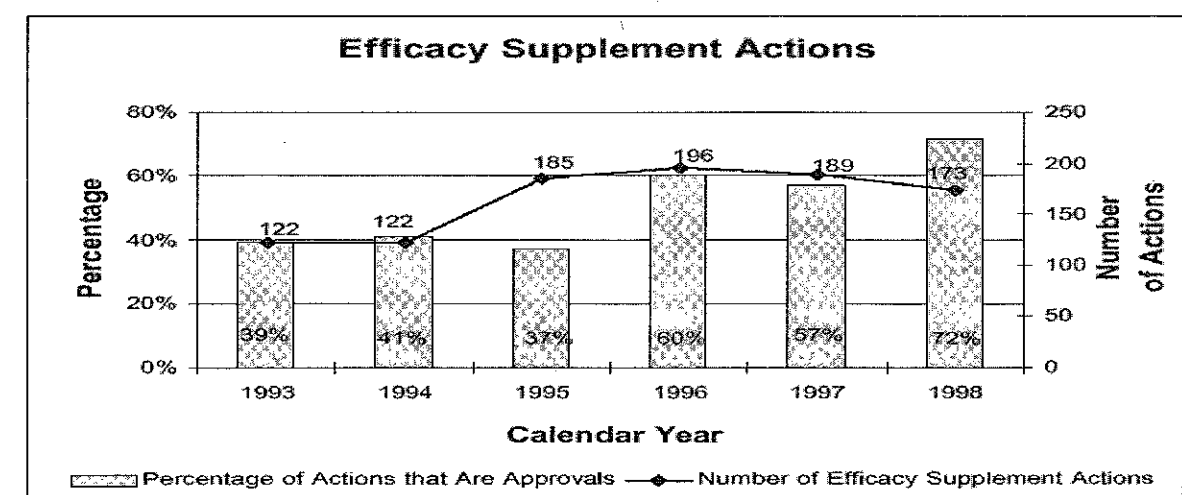
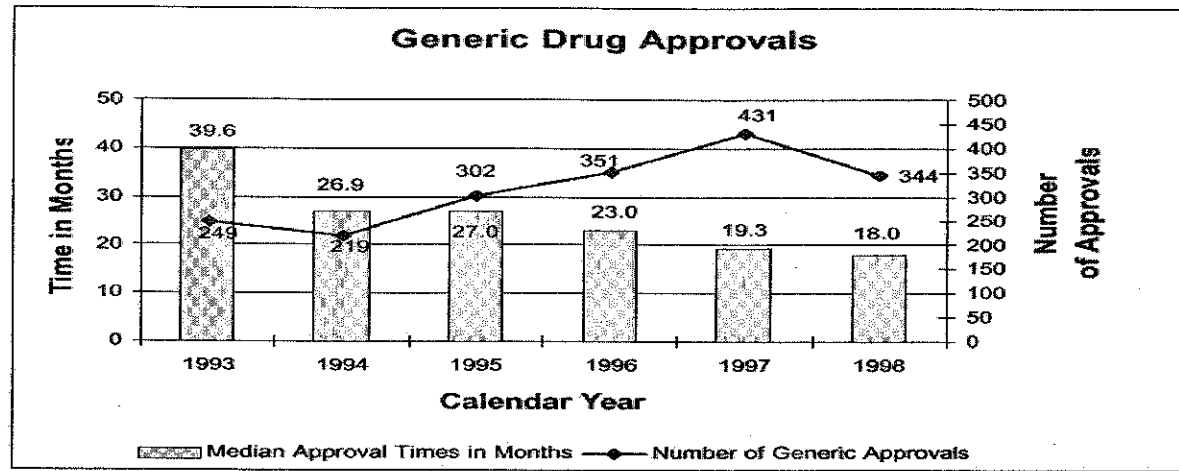


Figure 9 shows some statistics of generic drug review in CDER (Source: CDER 1998 Report to the Nation).

Figure 9 Generic Drug Approvals in CDER/FDA



OB/CDER/FDA

The Office of Biostatistics within CDER/FDA has the following mission, vision, and operating principles:

Mission: Provide CDER with statistical leadership, expertise and advice to assure that safe and effective drugs are available to the American people.

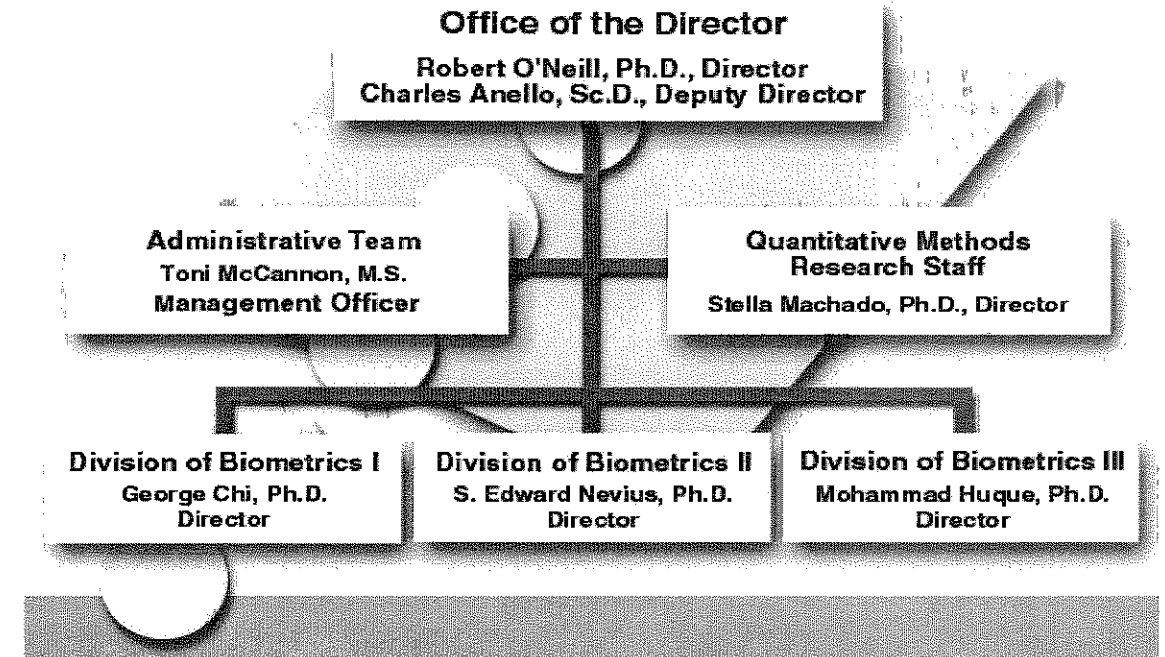
Vision: The Biostatistics Program is recognized as a center of excellence for the development, research, application and communication of statistical methodology for drug regulation and development.

Operating Principles: The Biostatistics Program ascribes to the CDER's operating principles.

The general duties of OB personnel are as follows: (a) serving as a statistical review member of a multi-disciplinary drug review team in the evaluation of mathematical and statistical methods and inferences drawn from data submitted by drug sponsors, (b) using specialized data extraction and data analysis software to evaluate the results in clinical trials and nonclinical studies, and provide satisfactory solutions to unusual problems, (c) performing a range of clinical and nonclinical review responsibilities as they arise in NDAs, ANDAs, INDs, protocols and related work, and (d) contributing to the body of statistical understanding and research as it applies to the drug review and evaluation process.

Robert T. O'Neill, Ph.D. is the current Director of the Office of Biostatistics. Figure 10 shows the OB current organization chart.

Figure 10 Current Organization Chart of the Office of Biostatistics CDER/FDA



DB1/OB/CDER/FDA

The following are the key persons and functions of Division of Biometrics 1 in the Office of Biostatistics:

Division Director: George Chi, Ph.D.

Deputy Division Director: Kooros Mahjoob, Ph.D. (Acting)

The Division of Biometrics 1 provides statistical support to the Cardio-Renal, Neuropharmacology, and Oncology medical divisions within the Office of Drug Evaluation I.

DB2/OB/CDER/FDA

The following are the key persons and functions of Division of Biometrics 2 in the Office of Biostatistics:

Division Director: S. Edward Nevius, Ph.D.

Deputy Division Director: Michael M. Welch, Ph.D.

The Division of Biometrics 2 provides statistical support to the six medical divisions within Office of Drug Evaluation II and Office of Drug Evaluation III.

DB3/OB/CDER/FDA

The following are the key persons and functions of Division of Biometrics 3 in the Office of Biostatistics:

Division Director: Mohammed Huque, Ph.D.

Deputy Division Director: Aloka Chakravarty, Ph.D.

The Division of Biometrics 3 provides statistical support to the six medical divisions within Office of Drug Evaluation IV and Office of Drug Evaluation V.

QMR/OB/CDER/FDA

The following are the key person and function of the Quantitative Methods & Research Staff (QMR) within the Office of Biostatistics:

Director: Stella Machado, Ph.D.

The Quantitative Methods & Research Staff provides statistical support to the Office of Pharmaceutical Science in activities outside regular review of new drugs.

Selected References:

CDER 1998 Report to the Nation, U.S. Department of Health and Human Services, Food and Drug Administration, Center for Drug Evaluation and Research, 1999

FDA Center for Drug Evaluation and Research Fact Book, U.S. Department of Health and Human Services, Food and Drug Administration, Center for Drug Evaluation and Research, 1997

<http://www.fda.gov/>

<http://intranet.fda.gov/> (not available to the public)

<http://cdernet/> (not available to the public)

源資物生洋海護保「號丹佐」船研科 力餘遺不作工船隨物生深資輝黔羅



子魚的魚丁沙與魚檢全察觀室驗實的上「號丹佐」在輝黔羅
(攝明大李者記)



號丹佐」是輝黔羅家學計統物生裔華
科要重多許了成完上船該在，客常的「
(攝明大李者記) 目項研

【記者李大明聖地牙哥報導】從寒風凜冽的阿拉斯加半島到赤道以南的秘魯首都利馬，北太平洋的各國漁夫對美國國家大氣總署(NOAA)的海洋科學研究船「戴維·史達·佐丹號」(David Starr Jordan)都不陌生。這艘通體潔白的小船每年有兩百四十多天航行在美洲大陸西部沿海，為保護海洋生物、合理利用漁業資源展開調查，華裔女科學家羅黔輝就是這艘船上的常客。

羅黔輝原籍湖南，生於貴州，國立台灣大學畢業。六十年代取得俄國海軍大學博士學位後不久，就投身保護海洋生物資源的事業，現為NOAA屬下「西南漁業研究中心」最資深的生物統計學家。在她的安排下，記者得以詳細參觀「佐丹號」科研船，瞭解科學家們在這片藍色海洋上所付出的心血與取得的成就。「佐丹號」全長一百七十一呎，排水量僅九百多噸，以聖地牙哥的洛瑪岬(Port Loma)為母港，船名得自史丹佛大學前任校長、著名海洋學家佐丹的姓名。有道是「麻雀雖小，五臟俱全」，該船的實驗室堪稱裝備精良，可供十五位科學工作者隨船出海，作最長卅天的多學科調查研究。小小的後甲板上方，還有一架MD-500型直升飛機起降的平台。

據羅黔輝介紹，「西南漁業研究中心」利用一九六四年下水的「佐丹號」，先後對北太平洋沙丁魚、金槍魚的生態進行全面考察。美洲西部沿海出產的沙丁魚每條有廿五至卅公分長，現在年產量相當高，以致除做罐頭供人食用外，還可磨成魚粉作飼料，或煉成塗漆用的油。但是，回首羅黔輝剛「出道」的六十年代，過度的捕撈使沙丁魚在這一帶海域基本絕跡。

美國官方根據「西南漁業研究中心」的報告，宣布沙丁魚為瀕危魚類，實行徹底休漁，對漁船所用的網具及進出口海產也作嚴格監測。北太平洋沙丁魚經過廿多年休養生息，數量逐漸回升，終於在一九八五年由「西南漁業研究中心」確認，摘下「瀕危」的帽子。

在監測金槍魚生態的過程中，羅黔輝與她的同事們發現，捕撈金槍魚的漁輪經常誤捕到海豚，並造成它們在網中空息死亡。「西南漁業研究中心」迅速把這一重要發現報告政府，並建議對美國各漁業公司採用兩船拖曳的大型袋網(purse seine)加以限制，以期給海豚留下一條生路。官方從善如流，迅速以立法手段實行之；聯邦商務部進而要求向美國出口「黃鰭金槍魚」的各國，對其管轄下的漁船也作類似的約束，否則便削減或取消金槍魚的進口。

羅黔輝說，美國保護海豚的三年計畫現在仍在施行中，「佐丹號」每次出海，都附帶估算海豚的數目。一旦遇到成群的海豚，船上的直升機就帶著科學家升空，點算這個群體的頭數，並拍照存證。留在船上的人也用高倍望遠鏡搜索，以便對照海空兩方面的點算結果，力求準確。

羅黔輝形容「數海豚」是航行途中最枯燥乏味的工作之一，但為完成職責，大家只好輪流坐到望遠鏡前。

多年來，羅黔輝跟隨「佐

Continue to Page 40

Charting the numbers is goal of area group

By Dave Schwab
Light Business Editor

Number crunchers of the world take heart. Now there's a club just for you.

The American Statistical Association held a meeting June 14 at Torrey Pines Lodge in La Jolla to kick off plans to launch a San Diego chapter for the international group.

Nancy Lo, chief statistician at the Southwestern Fisheries Science Center and spokeswoman for the new ASA chapter, said August is the target date for the formal opening of the new group in San Diego.

Lo said ASA has more than 10,000 members worldwide.

She talked about the organization's mission.

"The objective is to foster the science of statistics and its application and contributions to promote human welfare," said Lo.

"It's also to cooperate with other organizations in the advancement of statistical research and to promote higher professional



Lo

just to satisfy the needs in San Diego."

The ASA chapter will also provide a forum for professionals who deal in statistics during the course of their jobs, to meet and exchange ideas.

There are a great many important statistical projects that further social causes, such as statistical work now being done in preparation for conducting the 2000 Census for population.

"Statisticians are heavily involved in designing the surveys that will go out so we'll get the best, non-biased information," noted Lo.

Presently, more than 100 statisticians from a broad range of fields of endeavor have expressed interest in joining an ASA chapter in San Diego. La Jolla, with its

large assortment of UCSD graduate students and biotech industries in the Torrey Pines area near the university, make it a prime site for statisticians to gather, noted Lo.

She said the plan is for ASA groups to meet at least on a monthly basis, or more often regionally in subgroups in places like La Jolla.

Lo said she'd like to see the new ASA group sponsor a career day once a year to benefit area students seeking to enter the field.

"We will try to attract students in the undergraduate level to show them what the statistics field is all about," she added. "We'll help advanced placement courses in statistics."

It will also be the intention of the San Diego ASA chapter to become a speaker and consulting bureau to further the cause of education in statistics countywide.

Said Lo: "We want to serve as a first point of contact, referral and outreach for the media, local schools and non-profit organizations."

San Diego ASA's interim president is Professor Duane Steffey with the statistics department at SDSU. He is one of the chapter's six found members.

Those interested in joining San Diego's new ASA chapter can call 546-7123 or (760)-603-3803 for more information.

From Page 39

世界日報

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Chinese Daily News

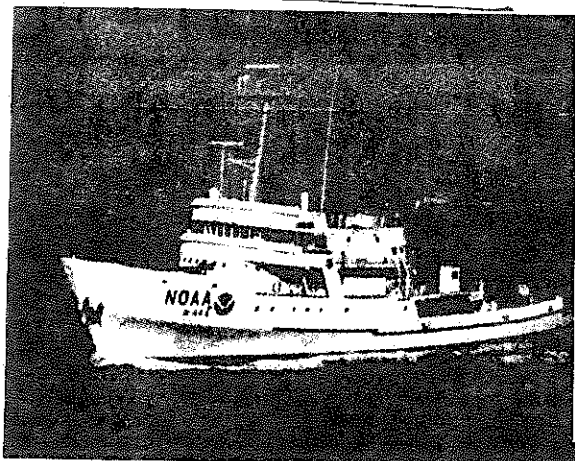
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功馬汗下立源資物生洋海護保為「號丹佐」船究研學科
(供提「心中究研業漁南西」由片照) 勞

丹號「科研船踏遍美、加西海岸，也走訪了墨西哥等拉丁美洲國家，最遠的航線達到夏威夷與法屬的大溪地島(Tahiti)。她還作為美方的代表，應邀到天津塘沽與台灣基隆的水產研究部門，與海峽兩岸的同行開展合作項目，交流海洋生物調查統計的心得，推廣美國的先進考察技術。

羅黔輝遺憾地指出，亞洲各國對保護海洋生物、合理利用海洋資源的問題，雖也有所認識，但措施仍不夠有力。許多地方盲目發展捕撈漁業，不擇手段濫捕幼魚，使自然資源受到過度破壞，這種情況相當令人憂慮。

REPORT ON 1999 ICOSA APPLIED STATISTICS SYMPOSIUM

T. Timothy Chen, 1999 Symposium Program Chair

The first ICOSA Symposium took place on April 21, 1990 under the chairmanship of Dr. Jia-Yeong Tsay, at National Institutes of Health, Bethesda, Maryland. It was a full-day symposium (called ICOSA Biopharmaceutical Statistics Symposium) with 60 statisticians attending one session throughout. The second Symposium was expanded to include industrial and economic statistics, and took place on May 2, 1992 at Rutgers University under the chairmanship of Dr. Jack C. Lee. It was a full-day symposium (renamed ICOSA Applied Statistics Symposium) with two concurrent sessions. The third Symposium took place on May 15, 1993 at Guest Quarters Suite Hotel, Plymouth Meeting, PA, under the chairmanship of Dr. Irving Hwang. The fourth Symposium took place on April 30, 1994 at Food and Drug Administration, Rockville, under the chairmanship of Professor Gordon Lan. It was expanded to three concurrent sessions with a dinner after Symposium. The fifth Symposium took place on April 15, 1995 at Rutgers University, under the chairmanship of Dr. Kao-Tai Tsai. The sixth Symposium took place on June 8 and 9, 1996 at Johns Hopkins University with Professor Kung-Yee Liang as chairman. It was expanded to one and half days with four or three concurrent sessions, plus a half-day short course. This was the first time ICOSA had a Board meeting and membership meeting at the Symposium. The seventh Symposium was held at Rutgers University on May 31 and June 1, 1997 with Eric Chi and Zhiliang Ying as co-chairs. It was expanded to have two full-day and two half-day short courses on May 30 before Symposium. The eighth Symposium was held at Connecticut College, New London, CT on June 5-7, 1998 with Gordon Lan and Naittee Ting as co-chairs.

The ninth Symposium was announced in 1997 at Rutgers to be chaired by Tar Timothy Chen. Before November 1997, a program committee was formed consisted of Jim Hung, Chang Lao, Zhaohai Li, Kung-Yee Liang, Karl Lin, Yi Tsong, William Wei and Colin Wu. In November the date was agreed as June 18-20, 1999. In April 1998, we had the first committee meeting to decide location, fees, invitation of keynote speaker, invited sessions, short courses, working time table, and job assignments. In June 1998, the second committee meeting was held to decide on the details of student award and travel fellowship, banquet, and employment service. Six additional meetings were held in September 1998, March, April, May, June (two times) before the Symposium day. Information about Symposium was published in ICOSA Bulletin (from January 1998 issue), AMSTAT News (from January 1999 issue), and IBS Biometric Bulletin (January-March 1999 issue). Information about Symposium and student award was publicized through ICOSA listserv. Detailed information about abstract submission, short courses, program, symposium proceedings, student award, deadlines, nearby hotels, and local tourist and driving direction were put on ICOSA website continually.

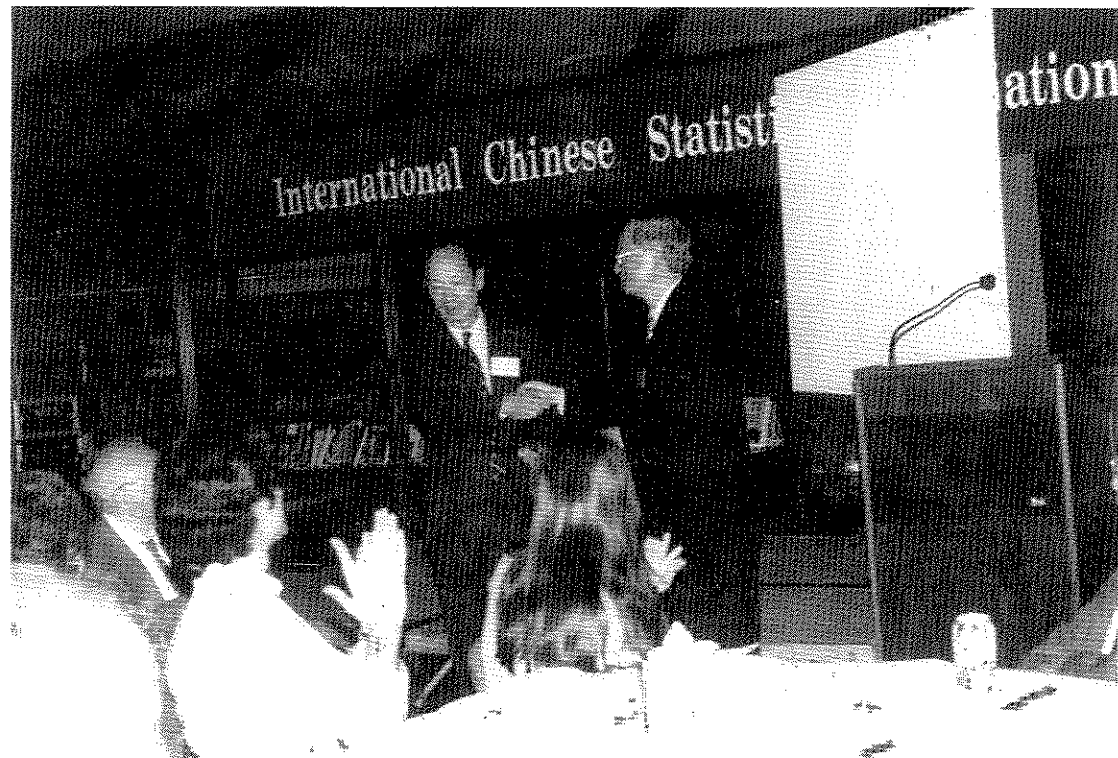
This was the first time that ICOSA had a student award and travel fellowship competition. There were 10 student papers, from the US, Canada, and England, submitted for the competition of student awards. The award subcommittee, consisted of Kung-ye Liang, Gordon Lan, Mei-ling Ting Lee, and Zhiliang Ying, evaluated and selected six winners. We also expanded to six concurrent sessions due to a large number (114) of abstract submissions. The papers presented covered all areas of statistics—theory and methodology, biostatistics, industrial statistics, economic statistics, data visualization, and mentoring sessions. The committee decided to run this Symposium similar to ASA and ENAR meetings, so we required all speakers (invited and contributed) to register before the deadline (March 20 for contributed and May 20 for invited). We also offered 3 full-day and 2 half-day short courses, and asked short-course attendees to register for Symposium. There were 58 regular attendees and 8 student attendees for these short courses.

The total number of registrations for Symposium was 211, with 26 as students, 89 from universities, 52 from industry, and 44 from government. We also had oversea guests too—four from Taiwan, four from Hong Kong, two from China, and one from UK. Among the participants, about 15% were non-Chinese. This was the first time Symposium attracted a diversified group of statisticians, which achieved ICOSA constitutional mandate – to operate without regard to race, creed, color, sex or nationality. The Symposium took place at the beautiful Georgetown University by the Potomac River. The meeting rooms were at Inter-Cultural Center, which has a bust of Dr. Sun Yat-sen at the entrance, and on the lower level, a replica of Nestorian Monument of Xian from China. Overall it was a very successful and memorable event.

Pictures from 1999 ICSA Applied Statistics Symposium



Symposium keynote speaker Professor Chin Long Chiang receiving a certificate of appreciation after his speech (above). Symposium banquet speaker Professor Gregory Chow receiving a certificate of appreciation after his speech (below).



Pictures from 1999 ICSA Applied Statistics Symposium (Continued)



One of the student award and travel fellowship winners, Dr. Guan-Hua Huang with Professors Kung-Yee Liang and Timothy Chen (above). 1998 ICSA Applied Statistics Symposium Co-chairs, Drs. Gordon Lan and Naitee Ting, receiving plaques and certificates (below).



Pictures from 1999 ICSA Applied Statistics Symposium (Continued)



Professors Chin Long Chiang, George Tiao, Gregory Chow, Ed Gehan, and Mrs. Gehan at the banquet (above). ICSA participants chatting during the coffee break (below).



ICSA WEB SITE REPORT

Prepared by ICSA Webmaster Dr. Don Sun (dxsun@research.bell-labs.com)

The purpose of ICSA's home page (<http://www.icsa.org>) is to provide online information for ICSA members as well as for people who are interested in the activities at ICSA.

To see how effective our ICSA web site is in serving ICSA, we have started collecting web site usage statistics since July 1998.

Following is a table showing number of hits of some of our major pages:

	98/07	98/08	98/09	98/10	98/11	98/12	99/01	99/02	99/03	99/04	99/05
/main.html	1022	1178	957	1162	1100	649	1216	1365	2192	2407	2306
/memberform.html	10	26	16	28	27	8	49	40	66	54	58
/ads.html	0	0	0	68	79	51	75	99	98	142	121
/kunming98/index.html	145	110	24	10	13	6	8	3	7	8	5
/AppStat99/index.html	0	0	0	72	70	33	147	181	435	359	494
Number.of.Sites	986	1988	2824	3737	4568	5032	5861	6748	8260	9746	11127

main.html: Entry point to <http://www.icsa.org>
 memberform.html: Downloadable membership application form
 ads.html: Job postings (started Oct 1998)
 kunming98/index.html: Home page of the 1998 Kunming meeting
 AppStat99/index.html: Home page of the 1999 ICSA Applied Symposium.
 Number.of.Sites: Number of unique IP addresses that have accessed our web page.

ICSA LISTSERV REPORT

Prepared by ICSA Listserv Postmaster - Professor Hubert Chen <chen@rolf.stat.uga.edu>

On May 28, 1999, the listserv on the e-mail list system at the University of Georgia Department of Statistics consists of 483 names.

I have sent about 50 e-mails to ICSA members including ICSA meeting announcements, members communications, correspondence to inclusion of new e-mail addresses obtained from Naitee Ting and job opportunities during August 1998 to May 1999.

I want to encourage you to tell your friends about ICSA listserv. This is a wonderful communication channel among ICSA members and friends. To subscribe the listserv, one needs to send a e-mail to majordomo@stat.uga.edu with subject and text, subscribe icsa my_email_address.

ANNOUNCEMENT (shown in ICSA Web)
3/31/99

ICSA 2000 Applied Statistics Symposium
June 1-3, 2000
Embassy Suites Hotel, Piscataway, New Jersey

The ICSA Year 2000 Applied Statistics Symposium Program Committee has been formed, and the date and place for the short courses (June 1) and meetings (June 2-3) have been determined.

The Program Committee members listed below welcome your suggestions on the topics of the invited sessions and short course. Please contact Dr. Weichung Shih by **June 30, 1999**.

Program Committee:

Chair: Jia-Yeong Tsay (212) 224-6857 (JYTsay@aol.com)

Co-Chair: Zhiliang Ying (732) 445-3748 (zying@stat.rutgers.edu)

Danny Chaing (609) 730-3297 (dchaing@janus.jnj.com)

Rongdean Chen (908) 298-4239 (rongdean.chen@spcorp.com)

Irwin Ho (908) 272-3377 (ho.irwin@kendle.com)

Irving Hwang (908) 725-5992 (IrvingH97@aol.com)

Frank Shen (609) 818-6505 (Shenc@bms.com)

Weichung Shih (732) 594-5613 (joe_shih@merck.com)

Kao-Tai Tsai (973) 325-5383 (tsaik@am.father.mr.akzonobel.nl)

Weiyang Yuan (609) 730-3009 (weiyang_yuan@janus.jnj.com)

The next announcement will appear approximately on 7/31/99.

ANNOUNCEMENT (7/9/99)

Tentative programs in preparation are as follows.

- Keynote speaker: *Professor Marvin Zelen, Harvard University*
- Dinner speaker: *Dr. Henry Lee, Commissioner of Public Safety, State of Connecticut.*
- Short Courses (Thursday, June 1, 2000):

<u>Topic</u>	<u>Instructor</u>	<u>Time</u>
1. Individual bioequivalence	Walter Hauck & colleague	1 day
2. ICH E-10 guidelines & design issues in non-inferiority/equivalence trials	Irving Hwang	1 day
3. Experiments: Planning, analysis and parameter design optimization	Jeff Wu	1 day
4. Statistical programming & DBA in Oracle	Instructor from Oracle	1 day
5. Design and analysis of studies for genetic epidemiology.	Kung-Yee Liang & Terri Beaty	1 day

- Invited sessions (June 2-3, 2000):

1. Missing covariates
2. SAS programming
3. Missing data/biased sampling
4. Likelihood ratio based inference in non/semi-parametric settings
5. FDA sessions (CDER, CBER, DEVICE, advisory committee, electronic submission of NDA.)
6. NIH session
7. Business/ finance session
8. Industrial statistics
9. Career development & mentoring
10. Contract research organization (CRO) – culture & practice
11. Data mining
12. Longitudinal data
13. Survival data
14. Genetic statistics
15. Quality of Life data analysis
16. Cancer clinical trials
17. Statistical consulting
18. Applied statistics in China/Taiwan/Hong Kong
19. Non- & pre-clinical/ toxicity/ stability issues
20. Adaptive design and analysis
21. Educational statistics

**ICSA Student Awards
and Travel Fellowships
International Chinese Statistical Association**

The 10th ICSA Applied Statistics Symposium will be held on June 1-3, 2000 at Embassy Suites Hotel, Piscataway, New Jersey. The Program Committee will again sponsor the Student Awards and Travel Fellowships. The main purpose of the award is to encourage student members of ICSA to participate and present their research work at this annual meeting.

Qualification: The student must be an ICSA member (or join at the time of manuscript submission), a degree candidate in any term during 2000 at an accredited institute and be able to present the work at the 2000 symposium.

Manuscripts should be prepared double spaced using Biometrics or JASA guidelines for authors. They must be 20 pages or fewer exclusive of tables and figures. Use one inch margin and no smaller than 12 point type. The work must be that of the student and be relevant to applications in a variety of fields including bio-medicine, business, etc. The manuscript could be co-authored with a faculty adviser and/or a small number of collaborators, although the student must be the first author.

Review and Selection Process: The Award Committee will review blinded copies of the submitted manuscripts based on the following criteria:

- The manuscript should be well motivated by an application relevant to specific field(s).
- The methodology developed should be applicable to the motivating problem.
- Inclusion of an application of the proposed methodology to a particular study will be favorably considered.
- Clarity of presentation in writing will be considered as well.

Up to 5 travel award winners will be selected by the Awards Committee chaired by **Dr. Weichung J. Shih**. All winners will receive a certificate, \$300 for travel and other expenses, and tuition for the short courses of their choice. The winners will be notified by March 15, 2000.

Submission of Manuscripts: Manuscripts should be received and postmarked no later than January 31, 2000. The submission should include

- A cover letter
- One complete title page with author(s), institutional affiliation, mailing address, phone/fax numbers and e-mail address
- Five copies of the manuscripts with only a title, no authors nor affiliation, on the first page.
- Two copies of the ICSA abstract form
- Two copies of the ICSA membership application for non-members (form can be downloaded from <http://www.icsa.org>)

All materials should be mailed to:

**Professor Zhiliang Ying
Department of Statistics
Hill Center, Busch Campus
Rutgers University
Piscataway, NJ 08855**

**National Quality of Life Symposium
People's Republic of China**

Date 21 – 24 January 2000
21 Jan, 2000 Registration
22-23 Jan. 2000 Symposium
24 Jan. 2000 Workshops & hospital tours

Sub-themes

1. QOL concepts & measures
2. Chinese culture and QOL
3. Application of health related QOL in Chinese population
4. Traditional Chinese medicine and QOL

Symposium Venue

Address Zhu Dao Hotel, (see description at the back of this announcement)
443 Yan Jiang Dong Road5 10100 Guangzhou PRC.
Tel 86-20-87750725-1700, Fax8 6-20-87783284,

Steering Committee co-chairpersons Huang Qing-Dao, E.K.Yeoh, Huang Jie-Fu

Organizing Committee Co-chairpersons Wang Zhi-Qiong, Fung Hong, Zeng Guang-Hui
Scientific Program Committee Co-chairpersons Fang Ji-Qian, Leung Kwok-Fai

Secretariat

Guangzhou office Sun Yat-Sen Univ. of Medical Science, 74 Zhongshan Road II, Guangzhou 510080, PRC. Web site <http://web.gzsums.edu.cn/public/qol/qol.htm>

Mr. Hao Yuan-Tao
Dept. Of Medical Statistics
Phone 86-20-87331605
Fax 86-20-87330446
e-mail haoyt@gzsums.edu.cn

Dr. Fong Shi-Rong
Dept. Of Scientific Research
Phone 86-20-87331760
Fax 86-20-87331931
e-mail dsra@gzsums.edu.cn

Hong Kong Office: Rm 507S, Hospital Authority Building, 147B Argyle street, Kowloon, Hong Kong, SAR. PRC

Mr. Leung Kwok Fai
Phone 852-29586166
Fax 852-29586713
e-mail kfleung@ha.org.hk

Ms. Margaret Tay
Phone 852-27728001
Fax 852-27170065
e-mail msmtay@ha.org.hk

Content

Symposium Format

The symposium will consist of keynote speeches, concurrent free paper presentations, post symposium workshops and visits to local hospitals and health care institutions in Guangzhou.

Tentative topics

1. Overview of QOL concepts
2. QOL concepts and Chinese culture
3. Traditional Chinese medicine and QOL concepts
4. Methodology in QOL research
5. Statistical method in QOL research
6. Development and cultural adaptation of Chinese QOL measures
7. QOL measures in health care
8. QOL in public health and administration
9. QOL in rehabilitation
10. QOL in drug development

Workshops & Hospital tours

Each workshop will last for 3 hours. A maximum of 30 participants is allowed for each workshop on the basis of first come first serve. A minimum number of participants will be required to organize a workshop. The final workshop program will depend on early registration received by 15 Nov. 1999.

Two hospital tours will be organized. Each tour lasts 4 hours. Transportation and guide will be arranged.

Topics of workshops

- | | |
|------|---|
| WA1 | The concept of good life from the Confucius, Buddhism and Taoism perspectives |
| WA2 | Cultural adaptation of QOL instrument |
| WA3 | QOL research in chronic illness |
| WA4 | QOL research in drug development |
| WA5 | Hospital tour to village & county hospitals |
| WB6 | QOL research in traditional Chinese medicine |
| WB7 | Chinese versions of WHOQOL |
| WB8 | QOL research in rehabilitation |
| WB9 | Statistical method in QOL research |
| WB10 | Hospital visit to a traditional Chinese medicine hospital |

Official Languages

The official languages of the symposium are Chinese Putonghua and English, depending on the preference of the speakers. Simultaneous interpretation from Chinese to English can be arranged on request.

National Quality of Life Symposium People's Republic of China

Call for Free Papers

Submission details

Deadline for abstract submission is 15 Nov. 1999. Abstract for oral free paper presentation must be written in either English or Chinese and contain original data. Abstracts are subject to approval by the Scientific Program Committee. Abstracts will not be returned. The accepted abstracts will be published in the symposium proceedings.

Submission approaches

Submission can be done by e-mail or post. Abstract being submitted via e-mail should be sent to the e-mail address "haoyt@gzsums.edu.cn" as attached file in RTF or TXT format following the instruction below. Abstract being submitted via post should be sent as RTF or TXT files in a diskette to the Guangzhou office of the Symposium secretariat addressing to Mr. Hao Yuan-Tao, Dept. of Medical Statistics, Sun Yat-Sen Univ. of Medical Science, 74 Zhongshan Road II, 510080 Guangzhou, China.

Instruction for Abstract

The file should contain the following information of the author to whom correspondence and notification regarding this abstract should be addressed: family name, first name, title, affiliation, post address, phone, fax, e-mail address, and title of the presentation. The entire abstract excluding personal details stated above, including title, authors, affiliations and text, cannot be more than 2,000 characters (not counting blank) or up to 350 words. The character size of the type should be 10 points. A 2.5cm margins should be left at both sides. The content should be organized as including

- (1) state the purpose of the study
- (2) state methods used
- (3) summarize results;
- (4) state the conclusion reached
- (5) use standard abbreviation as necessary
- (6) do not use italic or bold

The file should be labeled using first 5 digit of the family name of the correspondent, for example, "LEUNG.RTF" or "LEUNG.TXT"

Acknowledge of Receipt

For abstract submitted by e-mail, the correspondent will receive an electronic acknowledgement. For abstract submitted by post, the correspondent will receive an airmail or e-mail acknowledgement.

Registration of presenters

Presenters should register as participants to the symposium using the registration form and follow the corresponding procedures.

National Quality of Life Symposium
People's Republic of China
Registration Form

Applicants from mainland China: Please mail or fax the completed registration form to the Guangzhou office of the Secretariat, addressing to Mrs. Fong Shi-Rong, Dept. of Scientific Research, Sun Yat-Sen. Univ. of Medical Science, 74 Zhongshan Road II, Guangzhou 510080, China).

Applicants from Hong Kong, Macao, Taiwan and overseas: Please send the completed form, with a cheque or bank draft amounting to the total registration fee, to the Hong Kong office of the Secretariat in Rm 507S, Hospital Authority Building, 147B Argyle street, Kowloon, Hong Kong, SAR, PRC

Personal Particular

Title Prof. Dr. Mr. Mrs. Ms. Miss

Surname: _____ First name: _____

Institution: _____

Corresponding address _____

Telephone: () _____ Facsimile() _____ E-mail _____

Workshop Registration

AM	WA1	WA2	WA3	WA4	WA5
PM	WB6	WB7	WB8	WB9	WB10

Hotel Reservation (Zhu Dao Hotel, the Symposium venue)

Standard double room (US\$60 /RMB500 per night)

Standard single room (US\$50/ RMB 450 per night)

Arrival date: _____ Departure date: _____ Total No. of nights: _____

Registration Fee

		Before 15 Nov. 1999	After 15 Nov. 1999
Symposium #	Overseas	US\$250	US\$300
	Local*	HK\$550 / RMB 600 / US\$70	HK\$640 / RMB 700 / US\$82
Workshop # (am+pm)	Overseas	US\$100	US\$150
	Local*	HK\$180 / RMB 200	HK\$270 / RMB 300
First night hotel reservation	Double	US\$60 / HK\$480 / RMB 530	US\$60 / HK\$480 / RMB 530
	Single	US\$50 / HK\$400 / RMB 440	US\$50 / HK\$400 / RMB 440
	Total:		

#Include breakfast, lunch, dinner and conference banquet fee. *Local participants include participants from Mainland China, Hong Kong, Macao and Taiwan. Participants from Macao, Taiwan and other overseas countries, please pay fee in US dollars.

Payment

Hong Kong participants:

I am enclosing a personal cheque / bank draft (No. _____) of HK\$ _____ addressing to "Hong Kong Hospital Authority"

Macao, Taiwan, and overseas participants:

I am enclosing a bank draft (No. _____) of US\$ _____ addressing to "Hong Kong Hospital Authority"

Signature: _____ date: _____

Information about the ICSA 1999 Annual Banquet

Dear ICSA Members:

The ICSA 1999 Annual Banquet will be held at the Uncle Lee Restaurant in Baltimore. Below is the information about the Banquet.

Banquet: Buffet and karaoke.

Time: Wednesday, August 11, 7:00 p.m.

Place: Restaurant at 44 South Street, Baltimore 21202

Fee: US\$20 per person;

Children age 4-10, US\$10;

Children age 3 and under, free.

Convenient location close to the Baltimore Inner Harbor (10 minutes walking distance to meeting hotels). For banquet registration, please go to ICSA desk (near ASA registration booth). Please register early during the ASA meeting. Please bring your own disk to the ICSA desk for karaoke.

Mei-Cheng Wang <mcwang@jhsph.edu>

Local Program Chair

Statistica Sinica Invited Papers Session at 1999 JSM, August 8, 1999

Organizer: Ching-Shui Cheng

Chair: Ker-Chau Li

2:05 PM

Statistics in molecular biology and genetics By Wing Hung Wong

2:40 PM

Some Statistical Models and Methods for Tumor Growth Experiments By Cun-Hui Zhang, Yehuda Vardi and Zhiliang Ying

3:15 PM

Discussion by C. Augustine Kong

3:35 PM

Floor Discussion

ICSA 5TH INTERNATIONAL CONFERENCE, SUMMER, 2001

Wai-Keung Li, University of Hong Kong

It is a great honour to us at the Department of Statistics and Actuarial Science, the University of Hong Kong, for being invited to host the ICSA 5th International Conference in 2001.

The University of Hong Kong is one of the oldest in the region and it will be celebrating its 90th Anniversary in the same year. Holding the ICSA conference will have a special meaning to us at HKU. In addition, the International Statistical Institute too will be holding its 53rd Biennial Session, August 22-29, 2001 in Seoul, Korea and we intend to have the ICSA meeting just prior to the ISI meeting in order to attract as many participants as possible. The Programme Committee will consist of the following:

Professors Howell Tong & Wai-Keung Li (HKU), Xiao-Li Meng (Chicago), KT Fang (Hong Kong Baptist University) and Mr. Fred Ho (Commissioner, Census & Statistics Department, HKSAR government).

Clearly we cannot do everything by ourselves and we will need your support, suggestions and participation to make the ICSA 5th International Conference a success. We look forward to seeing you at the Conference.

CHINA STATISTICAL COMMUNITY ACTIVITIES IN 1998

Reported by Professor Bo-Cheng Wei, Southeast University, Nanjing

The Third Conference of The Engineering Prob. & Stat. Society of China was held at Teinjin, Hobei Univ. of Technology, during Sept 5-9, 1998. About 120 people attended the meeting and most of them presented the papers. Professors Wang Zikun (Beijing Normal Univ), Chen Xiru (The Chinese Sci. & Tech. Univ), Hu Guoding (Nankei Univ), etc. were invited to give lectures. The new Member of the Council of EPSSC for 1998-2002 are: Liu Wen (President, Hobei U of Tech), Wei Bo-Cheng (Executive vice-president, Southeast U), Ye Zhongxing (Secretary general, Shanghai Jiaotong U), and 3 vice presidents, Lin Chuntu (Zejiang U), Zhen Zukang (Fuden U), Zhang Hanjun (Changsa Railway Inst.). The new editor board of the journal "Math Stat & Applied Prob." will be elected in the near future.

The Sixth Conference of The Chinese Prob. & Stat. Association was held in Beijing, Peking Univ. during Oct 16-21. Over 160 scholars and students attended the meeting and most of them presented papers. Four invited speakers are: Ma Zhiming (China Science Academy), Geng Zhi (Peking U), Wang Zikun (Beijing Normal U) and Chen Mufa (Beijing Normal U). The new Member of the Council of CPSA for 1998-2002 are: Chen Jiadin (President, Peking U), Li Guoying (Secretary general, China Science Academy), and 3 vice president: Wu Rong (Nankei U), Peng Shige (Shengdong U), and Mao Shisong (East China Normal U). The new Eitor-in-chief of Chinese Journal of Appl. Prob. & Stat. is Chen Xiru (The Chinese Sci. & Tech. Univ), and 2 vice Editor-in-chief are Ma Zhiming (China Science Academy) and Wang Jinlong (East China Normal U).

WELCOME NEW MEMBERS

We would like to welcome new members who joined between 12/98 and 7/99. Please note that some of the new members joined ICSA at the 1999 Symposium may not appear here because not all of the application forms are transferred to the Executive Director as up to July 8, 1999.

Ahmed, S. Ejaz
Cai, ZongWu
Campbell, Gregory
Cao, Jin
Chang, Chung-Chou
Chang, Kuang-Chao
Chen, Jie
Chen, Cong
Chen, Rong
Chu, Alice
Chuang, Chin-Shan
Geling, Olga
George, Tony
Huang, Guan-Hua
Huang, Jianhua
Huang, Yangxin
Hwu, Tian-Jong
Jiang, John G.
Kim, Jong
Li, Gang
Li, Heng
Li, Yi
Liao, Qiming
Lin, Brian
Lin, Chii-Dean

Ling, Robert
Louis, Thomas
Ma, Yong
Man, Ka
Mykland, Per Aslak
Ng, Tie-Hua
Peng, Jianan
Qu, Annie
Qu, Yinsheng
Sheu, Ching-Fan
Slager, Susan
Song, Peter
Sun, Fengzhu
Tseng, Chin-Lin
Wang, Hui
Wang, Nae-Yuh
Wang, XiKui
Wang, Zhihui
Whitney, Jim
Wise, Robert P.
Wu, Yougui
Xu, Hongquan
Yang, Yaning
Yuan, Weishi
Zheng, Gang

DONATIONS

Between December 1, 1998 and July 8, 1999, we have received donations from:

Chang, I-Shou
Chen, William
Chen, Zhao-Guo
Chuang-Stein, Christy
Hou, Bo
Hwang, Irving
Lee, Mei Ling
Lee, Tzuo-Yan
Li, Gang

Lo, Nancy
Pei, JingLan
Tsong, Yi
Wang, Ying
Yeh, Arthur
Yeh, Chiao
Yuan, William
Zhu, Wei

HELP LOCATE MEMBERS WITH ADDRESS CHANGED

We have the following members who paid their membership due up to 1998 or 1999, but their address changed and hence we can not contact them. Please help us locate these members, if you happen to know him/her.

Bai, Zhidong
Chen, Chan-Fu
Chang, Boon-Chong
Hu, Grace L.

Ivaneva, Anastasia V
Leu, Cheng-Shiun
Lu, Hong
Xiao, Langtao

If you have any information regarding these members, please contact the Executive Director of ICASA:

Naitee Ting, 198 Spicer Hill Road, Ledyard, CT 06339-1534
Phone (860) 441-4871, Fax (860) 441-3219,
or email TINGN@PFIZER.COM.

MEMBERS' ACTIVITIES

Smiley Cheng of the Department of Statistics at the University of Manitoba, Winnipeg, Canada has been selected as the Head of the Department for a second 5-year term starting from July 1, 2000. He is taking one-year Administrative Leave between July 1, 1999 and June 30, 2000. He will spend 8 month at the Department of Statistics and Actuarial Science at the University of Waterloo, Waterloo, Canada starting from Sept. 1, 1999. Dr. Cheng is also the Co-recipient of the University of Manitoba's prestige Dr. and Mrs. Ralph Campbell Outreach Award for his and his colleague, Brian's contributions "to enlarge and enrich the contacts between the University and all segments of the community".

Dr. James Fu of the Department of Statistics at the University of Manitoba, Winnipeg, Canada, will be on sabbatical leave between Jan. 1, 2000 and June 30, 2000.

Dr. Liqun Wang is joining the Department of Statistics at the University of Manitoba, Winnipeg, Canada, on July 1, 1999. So will Dr. Shunpu Zhang on August 1, 1999.

Dr. Chuanpu Hu, a biostatistician at Center for Drug Evaluation and Research, FDA, was married in June and went on his honeymoon trip to China. He joined the FDA in 1996, after completing his Ph.D. and a postdoctoral fellowship at Stanford University. His wife, Wenyu Lu, came to the U.S. in 1990 and is a computer programmer.

Professor Colin Wu and his wife Li-Ping Wu are proud parents of a baby girl. She was born on May 4, 1999.

**INTERNATIONAL CHINESE STATISTICAL ASSOCIATION
FINANCIAL STATEMENT**

Prepared by ICSA Treasurer - Dr. Xiu Chen, 05/26/99

Profit and Loss	
January through December 1998	
	Jan - Dec '98
Ordinary Income/Expense	
Income	
Contributions Income	
Unrestricted	620.00
Total Contributions Income	620.00
Membership Dues	15,830.00
Reimbursed Expenses	
Banquet Fee Collected	1,635.00
Total Reimbursed Expenses	1,635.00
Short Course	
1997	4,339.00
1998	3,125.00
Total Short Course	7,464.00
Total Income	25,549.00
Expense	
Bank Service Charges	28.20
Casual Labor	320.00
Contributions	
ASA	700.00
Statistica Sinica	2,586.00
Contributions - Other	0.00
Total Contributions	3,286.00
ICSA at ASA meeting	
Banquet	2,643.00
Board meeting	250.23
Total ICSA at ASA meeting	2,893.23
Licenses and Permits	20.00
Office Supplies	55.53
Postage and Delivery	
Ballot	204.06
Jan. Bullentin	958.24
Jul. Bullentin	1,392.01
Renewal Notice	327.10
Postage and Delivery - Other	130.34
Total Postage and Delivery	3,011.75

(Continued)

Printing and Reproduction	
Ballot	184.00
Jan. Bulletin	1,445.00
Jul. Bulletin	1,490.00
Printing and Reproduction -...	184.00
Total Printing and Reproduction	3,303.00
Supplies	
Office	341.78
Total Supplies	341.78
Web Page Hosting	264.00
Total Expense	13,523.49
Net Ordinary Income	12,025.51
Other Income/Expense	
Other Income	
Interest Income	2,882.90
Total Other Income	2,882.90
Net Other Income	2,882.90
Net Income	14,908.41

Balance Sheet
As of December 31, 1998

	Dec 31, '98
ASSETS	
Current Assets	
Checking/Savings	
6 Month CD	25,000.00
Checking	833.66
Saving	51,049.24
Total Checking/Savings	76,882.90
Total Current Assets	76,882.90
TOTAL ASSETS	76,882.90
LIABILITIES & EQUITY	
Equity	
Retained Earnings	61,974.49
Net Income	14,908.41
Total Equity	76,882.90
TOTAL LIABILITIES & EQUITY	76,882.90

ICSA SYMPOSIUM ACCOUNT (NOV 1997 – MARCH 1999)

Prepared by Dr. Yi Tsong, ICSA Symposium Account Treasurer

Item	Date	Credit	Debt	Balance	Remark
Symposium Account Balance	11/1/97			16864	
1998 Symposium Starting Fund	11/5/97		3000	13864	
Transfer to ICSA Account	7/14/98		4339	9525	1/2 of 1997 short course income
Plague for 1998 Symposium	6/28/98		612.78		
Stamps & envelopes	7/18/98		131.85	8780.37	election ballots-biometrics section
1999 Symposium Spending	9/30/98		1710	7070.37	
From 1998 Symposium Account	3/12/99	6601.25		13671.62	
2000 Symposium Starting Fund	Mar-99		3000	10671.62	

1998 ICSA SYMPOSIUM - INCOME AND EXPENSES DETAILS

Prepared by Su-ying Hwang, January 15, 1999

Income:	Debit	Credit	Balance
Donation:		6500	6500
Registration payment:		16277.5	16277.5
(short course)		6250	
(dorm)		1350.5	
(membership)		1320	
(banquet)		2825	
(refund later occurred)		843.5	
(reg. fee)		3688	
Interest:		14.77	14.77
Total Income:			22792.27
Expense:	Debit	Credit	Balance
Misc.	2302.47	0	2302.47
Banquet, gift	6006.3	843.65	5162.65
Labor	252	0	252
Miscellaneous	0	34.68	-34.68
Catering	2287.5	0	2287.5
Room charge	1226.1	0	1226.1
Dorm charge	1350.5	0	1350.5
Insurance	305	0	305
Refund	843.5	0	843.5
Short Course -ICSA	3125	0	3125
Short Course honorarium	1000	0	1000
Membership-ICSA	1320	0	1320
Postage	50.98	0	50.98
Total Expense			19191.02
Balance			3601.25

STATISTICA SINICA NORTH AMERICAN OFFICE

Financial Report

Account for Academia Sinica (Taiwan office)

Provided by Statistica Sinica North American Managing Editor – Dr. Dennis Lin

SS-Academia Sinica (Taiwan)

7/1/98 to 5/31/99

DATE	DESCRIPTION	EXPENSE	INCOME	BALANCE	Remarks
1998					
11/14/98	Pay check from Academia Sinica		4800	4800	
11/16/98	SS Account at Penn State	3900			900 operation budget for mails, fax, phone, postage etc.
11/23/98	Office Depot/Office Max	425.51		474.49	Stationary
11/23/98	PSU Computer Center	113.61		360.88	upgrade Word 97
12/18/98	Postage	112.39		248.49	Current Balance
1/6/99	Mac keyboard	29.74		218.75	
4/11/99	Managing Editor Transaction	250.65		-31.90	Syracuse Univ.
				-31.90	Final Balance

- Also, the total subscription fee (excluding free copies for ICSA members) from July 1, 1998 to May 31, 1999 is \$14773.00. This amount has been returned to Institute of Statistical Sciences, Academia Sinica, Taiwan.

ICSA INTERNATIONAL CONFERENCE ACCOUNT

(JANUARY 1998 – MARCH 1999)

Prepared by Professor Xiao-Li Meng, ICSA International Conference Account Treasurer

Transferred from the 3rd ICSA Conference Account:	\$4754.76
Interest income as of March 31, 1999:	\$ 182.35
Net Revenue from the 4th ICSA Conference:	\$1183.77
Balance*	\$6120.88

* Since the interest is calculated on a quarterly basis, this total does not include the interest earned after March 31, 1999, which is not available at the time of this report.

**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		
TEL :		TEL :		
E-MAIL ADDRESS	FAX NO.			
HIGHEST DEGREE	YR. GRADUATED	UNIVERSITY	OCCUPATION (TITLE)	
MEMBERSHIP	REGULAR	U.S.\$40	STUDENT U.S.\$20	
	Biometrics Section	Free	DONATIONS \$	
	SPOUSE (50% LESS)		PERMENANT \$400	
	SPOUSAL'S NAME:		TOTAL AMOUNT	U.S.\$
STATISTICAL AREA OF INTEREST <small>(TICK AS MANY AS YOU LIKE)</small>	A	AGRICULTURE	F	HEALTH SCIENCES
	B	BUSINESS/ECONOMETRICS	G	PROBABILITY
	C	COMPUTING/GRAPHICS	H	SOCIAL SCIENCES
	D	EDUCATION	I	THEORY AND METHODS
	E	ENGINEERING	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 Naitee Ting, Ph.D.
198 Spicer Hill
Ledyard, CT 06339-1534
U.S.A.

FORM RF-II 1997

**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		
TEL :		TEL :		
E-MAIL ADDRESS	FAX NO.			
HIGHEST DEGREE	YR. GRADUATED	UNIVERSITY	OCCUPATION (TITLE)	
MEMBERSHIP	REGULAR	U.S.\$40	STUDENT U.S.\$20	
	Biometrics Section	Free	DONATIONS \$	
	SPOUSE (50% LESS)		PERMANENT \$400	
	SPOUSE'S NAME:		TOTAL AMOUNT	U.S.\$
STATISTICAL AREA OF INTEREST <small>(TICK AS MANY AS YOU LIKE)</small>	A	AGRICULTURE	F	HEALTH SCIENCES
	B	BUSINESS/ECONOMETRICS	G	PROBABILITY
	C	COMPUTING/GRAPHICS	H	SOCIAL SCIENCES
	D	EDUCATION	I	THEORY AND METHODS
	E	ENGINEERING	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 Naitee Ting, Ph.D.
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Ledyard, CT 06339-1534
U.S.A.

FORM RF-II 1997



INTERNATIONAL CHINESE STATISTICAL ASSOCIATION
泛華統計協會

INFORMATION SHEET

DATE :

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

SUGGESTIONS :

FORM AF-1B 1989

I. C. S. A.
198 Spicer Hill
Ledyard, CT 06339-1534
U.S.A.