

泛華統計協會

**International Chinese Statistical
Association**

前 中國留美統計協會

(formerly Chinese Statistical Association in America)

會刊暨通訊錄

March 1988

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泛 華 統 計 協 會 會 址

工 作 人 員

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會 務 報 告

1. 1987年將是中國統計史上一個重要的里程碑，在這一年中，經過所有同仁的努力，原中國留美統計協會（CSAA）終於成為正式立案的組織——泛華統計協會（International Chinese Statistical Association）。早在1986年芝加哥年會時，所有與會同仁共識到成立正式組織的必要，遂推舉刁錦寰、蔡嘉永、羅昭容、吳建福及李昭勝等教授的五人小組，草擬會章。於87年六、七月經過所有會員郵寄投票通過。8月舊金山年會中，正式宣佈成立ICSA。並選出刁錦寰教授為President，傅權教授為President-Elect及Board of directors計13人。隨後召開的董事會中，通過多項重要決議並確定了今後的工作方針。有關這一連串的蛻變成長歷程及未來展望，請參閱刁錦寰及傅權教授撰寫的“泛華統計協會之起源、發展及期望”，1987年舊金山年會的經過及記錄，請參閱魏立人教授及齊茂松合撰的“舊金山年會記”。

2. 協會正式成立之後，更具組織化，各項工作（如membership Drive、立案、出版Journal等）在President及各Director的推動下，均朝著既定目標邁進。我們亦嘗試了多項改革，如會刊中文電腦化、通訊錄及繳費記錄的資料電腦處理、郵寄發給收據、改進Membership Form（回音）等。同時也增列了一項“永久會員，Lifetime membership”（U.S. \$100.00），目前在台灣的絕大多數會員都是永久會員。希望藉由這許多的改進措施，協會業務能更臻完善；但更重要的是，我們需要您的支持。如您有任何建議或批評，歡迎來信指教。我們深信，只有靠全體同仁的熱心參與及研究改進，協會才能更加茁壯成長。

3. 協會會址信箱號碼照舊，但名稱已修改過，請同仁注意會址信箱如下：

ICSA (formerly CSAA)

P.O. BOX 5244

Madison, WI. 53705-0244

4. 目前協會會員計442人，其分佈如下：工商界103人，政府機關19人，教育界185人，學生135人。為便會員更加普及，歡迎您主動介紹新會員加入，或提供中國同仁的名單給我們，謝謝您的熱心合作。

5. 1987年計206人繳交會費。謝謝這些同仁的熱心支持，並感謝捐款同仁的幫助。限於篇幅，謹列捐款同仁，大名如下：

黃偉民、吳建福、張若琳、林崑峯、周賢忠、莊易、劉榮木、鄭天澤、王永雄、陳雲岫、蔣鈺琨、傅權、向傳心、梁廣義、蔡嘉永、袁人俊、譚外元、賴甲乙、王肇齡、刁錦寰、黃永良、

高培椿、王鴻龍、鄭惟孝、張玉真、韓建佩、謝暉光、李昭勝、郁保羅、姚怡慶、廖茂雄、羅黔輝、彭先恐、蔡偉彥、葉翹、許德安、李作言、王敏男、石乙、魏武雄、曹玲玲、李楚英、林英祥、劉清白、蔡知令、洪志真、林吉雄。

6. 財務報告

收入：上期結餘	95
會費及捐款	2393
合計	2488

支出：簡訊	483
信箱箱	29
雜費	71
會刊	1800
合計	2383

總結： 105

從到美國學習統計，算算日子已有三十多個年頭，記得剛來美國時，這裡的中國人，從事統計方面的工作者，可說是寥寥無幾。而現在，中國人在美加兩國從事統計方面的工作者少說也有千位以上。

回溯三十年前，對於統計學的應用與研究工作，在海峽的兩岸都還未受到重視而今，不論是在台灣或大陸，對於統計的應用及研究，都已受到相當的重視，同時對統計學的研究工作，也正積極地推展中。

最近幾年，我們同仁相聚時，大家時常討論到一些有關統計在中國的發展問題。環顧所有統計先進的國家，他們都有全國性的統計學會與學報。在他們的國家中，統計學會與學報在統計的應用與發展的過程中，都扮演了重要的角色。例如美國的 AMERICAN STATISTICAL ASSOCIATION 與他們的學報 JASA，英國的 ROYAL STATISTICAL SOCIETY 與他們的學報 JRSS，加拿大的 STATISTICAL SOCIETY OF CANADA 與他們的學報 CJS，日本有 ANNALS OF INSTITUTE OF STATISTICAL MATHEMATICS，印度也有 SANKHYA。唯獨我們同仁分佈全球各地尚沒有一個能廣泛號召的 ASSOCIATION，也沒有一份夠國際水準的統計學報。如果能夠成立一個屬於我們“中國人”的統計學會與學報，相信它將會帶給我們許多的益處：它不但能加強中國統計工作同仁之間的交誼，聯繫，藉以交換工作經驗與研究心得，同時更盼能以此來促進統計研究及實用工作，在中國各地區的發展。

一九八六年八月，留北美統計同仁在美國統計學會年會（在芝加哥城舉行）時，相聚座談，大家再度討論了很多有關學會與學報的構想。這次我們決心以行動來達成這個共同的理想。整個構想主要可分為兩部分：（一）將現有的中國留美統計協會擴大，正式成為“泛華統計協會”（INTERNATIONAL CHINESE STATISTICAL ASSOCIATION），會員包括大陸，台灣，香港，新加坡，北美洲以及其它地區的中國統計工作同仁。（二）由泛華統計協會與國內統計研究機構合辦一份夠國際水準的英文統計學報。

在芝加哥聚會後，我們即刻賦諸行動，展開一連串的工作。其中重要的有：

（一）於一九八七年五月二日在芝加哥召開了一次籌備會議，這次會議中，不僅擬定了學會與學報的宗旨與結構，同時也確定了我們近期的工作進度與方向。

（二）起草協會會章，並以郵寄方式徵求會員的贊助。

（三）藉一九八七年八月十九日美國統計學會年會在舊金山舉行的機會，在中國留美統計協會的會議上，宣佈了“泛華統計協會”之正式成立與會章的通過。這次會議中，也選出了泛華統計協會的工作人員。詳情請閱魏立人，齊茂松“舊金山年會記”文。（會章見附件）。

（四）在學報方面，我們已經得到中央研究院統計科學研究所開誠的合作，由協會與統計所雙方組成一學報的理事會，詳細的合作計劃正由雙方擬議之中。短期內當可達到最後的協議，茲後理事會很快就將開始擔負起學報組織及發行的實際工作。

（五）在協會方面，首要的是建立協會的制度（BY-LAW），吸收更多的新會員，為協會籌款等。進一步的是如何加強海內外統計同仁間的聯繫，促進統計研究與應用在中國各地發展的具体計劃，在學報方面，則包括建立學報的制度，徵稿，審稿，編排，印刷等等。這些工作都需要許多的人力，物力才能夠辦得妥善。我們誠心希望統計界的朋友們，大家一同努力，來達成我們大家的理想。

最後，我們二人要由衷的感謝很多統計界的至友們，（原諒我們不能把名字列出），在過去兩年中，為了這個共同的理想所盡的心力，支持，與幫助。如果沒有你們的貢獻，決不會有今天這樣的成果。同時，也希望在未來的日子裡，會有更多統計界的朋友，來加入協會與學報的工作。最後，我們再次感謝諸位同仁。

* * * CONSTITUTION OF THE INTERNATIONAL CHINESE STATISTICAL ASSOCIATION * * *

ARTICLE I. NAME

The name of this organization is the International Chinese Statistical Association, hereinafter called the Association.

ARTICLE II. OBJECTIVES

The Association is a non-profit organization. The Association is organized, and will be operated, for educational, charitable, and scientific purposes only. Its objectives are:

* to promote the theory and applications of statistical disciplines through scholarly activities, including publication of a journal, scientific meetings, and other educational programs;

* to broaden applications of statistical techniques in all areas of society, including industry and government;

* to promote better understanding and interest by the general public in statistical methodology and related applications;

* to promote better communication through the development of standards and common terminology;

* to foster cooperative efforts among educational, research, industrial, and governmental personnel in statistical activities.

The objectives are pursued without regard to race, creed, color, sex or nationality.

ARTICLE III. MEMBERSHIP

The Association may have different categories of members, including individuals and organizations. An individual or organization who is interested in the objectives of the Association may apply to become a member. The right to vote, to sign referendum petitions, to hold office, and to sign nominating petitions shall be limited to individual members.

ARTICLE IV. SECTIONS AND DISTRICTS

Sections and Districts shall be encouraged to develop and explore ways to vigorously pursue the objectives of the Association, including meeting on matters of specialized interest such as current research and findings in a specific area, expository sessions on a single topic, or in-depth discussions of applications in a new field or of a new type.

(i). Sections: Sections may be established by the Board of Directors in order to further the objectives of the Association. Each Section shall cover a field of statistical methods, theory, or applications which is sufficiently broad to represent active interests within the scope of the Association.

(ii). Districts: Geographic Districts shall be established by the Board of Directors as provided in the By-Laws. Each member shall belong to one and only one District based on the member's mailing address.

ARTICLE V. BOARD OF DIRECTORS AND EXECUTIVE COMMITTEE

The Board of Directors is the policy and legislative body of the Association. Its actions are subject to the referendum of individual members as indicated in the By-Laws. The Board of Directors shall consist of at least seven (7) individuals, including the President, President-Elect, Past President, Secretary (shall serve as Executive Director), Treasurer, and editors of the Association publications, one person from each District. All members of the Board of Directors shall be members of the Association.

The Executive Committee shall consist of the President, President-Elect, Past President, Secretary, Treasurer and two other Directors elected by the Board of Directors.

ARTICLE VI. OFFICERS

The officers of the Association shall be the President, President-Elect, Past President, Secretary and Treasurer.

ARTICLE VII. METHOD OF ELECTION

All individual members shall be eligible to vote for the positions of President-Elect, President and Directors for the initial term or if such a nomination is made under provisions of the By-Laws. Only the individual members

in each Section shall be eligible to vote for the offices of that Section. Only individual members of each District shall be eligible to vote for the position of Director from that District. Editors of the Association publications shall be appointed by the Board of the Directors.

ARTICLE VIII. TERMS OF OFFICE

Once elected the position of President-Elect, the incumbent shall serve a three-year term. The first year shall serve as President-Elect, the second year as President, and the third year as Past President. No Section or District Director completing a full term shall be eligible for immediate reelection to the same office.

Terms of office of five years or less shall be fixed by the Board of Directors for the Secretary, Treasurer and Editors of the Association publications. The Chair-Elect of each Section shall serve a one

one-year term, and at the end of this term automatically become Chair for a one-year term. No Chair shall be eligible for immediate reelection to the office of Chair-Elect of the same Section.

Terms of office shall end, and new terms shall begin on January 1, but each office holder shall serve until a successor takes office. No individual may serve in two capacities on the Board of Directors.

ARTICLE IX. COMMITTEES

The Committees of the Association shall consist of the Executive Committee, Standing Committees which are named in the By-Laws, and such Current Committees as may be established by the President or the Board of Directors.

ARTICLE X. PUBLICATIONS

Publications of journals and other periodicals, reports, proceedings or other publications may be authorized in the By-Laws or by vote of the Board of Directors.

ARTICLE XI. MEETINGS

The Association shall have at least a general meeting each year held at a time and place designated by the Executive Director with the consent of the Board of Directors.

ARTICLE XII. AMENDMENTS

Amendments to the Constitution may be proposed by the Board of Directors or by a petition signed by ten percent (10 %) of the individual members. An amendment originated by petition shall be referred to the Board of Directors for its recommendation as to ratification. Regardless of the recommendation of the Board of Directors, an amendment proposed by petition must be submitted for vote. A two-thirds affirmative vote of the members voting shall be required for ratification.

壹、經濟預測之經驗

為探討景氣變動及規劃資源之合理分配與有效利用，世界各先進國家均有專業機構辦理長短期經濟預測，如美國華頓協會（WEFA）、美林公司（Merrill Lynch）及世界聯結中心（Project Link）等著名經濟研究機構，按期發布季和年的長短期世界經濟預測結果。我國主計處之全國總資源供需估測自六十七年起，於每年五月及十月間對未來兩年度之經濟情勢，採用總體經濟計量模型進行估測，以供制定年度施政方針之參考，及近程財經政策之參據，達到增進整體經濟發展與財政效能。此外，並於每季預測該季之總體經濟狀況，發布各界應用。

對於這十年間的預測經驗，曾作多次國際間的評估比較。總體經濟計量模型預測能力分析，可分為「事後預測」及「事前預測」兩種。事後預測能力係在迴歸樣本期間內，選定某一較為穩定之時期作為評估基期，據以分析此基期前之預測能力。事前預測能力分析則可再分為二型，一是對過去之時期而未包括在樣本期間內之預測能力分析，一是對未來時期（相對於現在而言）之預測能力分析。常採「平均絕對誤差率」、「均方根百分誤差」以及「泰爾不等係數」等方法分析。

對於未來時期之「事前預測」誤差分析，評估期間以六九年第二季至七四年第一季為評估期間，經比較各研究單位對實質國民生產毛額之「均方根百分誤差」如下表：

向前季預測之均方根百分誤差

預測機構	1	2	3	4	5	6	7	8
季初期間								
BEA	3.7	3.2	3.5	3.4	3.1	2.8	-	-
Chase	4.4	3.5	3.3	3	2.8	2.5	2.2	2
DRI	4	3.1	3	2.8	2.6	2.4	2.2	2
GSU	3.7	2.6	2.8	2.6	2.5	2.4	2.3	2.1
RSQE	3.3	2.5	2.7	2.6	2.5	2.3	-	-
WEFA	4.2	3.1	3	2.7	2.5	2.3	2.1	2
DGBAS	1.2	-	-	-	-	-	-	-
DGBAS(*)	1.3	-	-	-	-	-	-	-
季中期間								
ASA	3.6	2.9	3	2.8	2.6	-	-	-
KEDI	3.9	2.9	2.9	2.8	2.7	2.7	2.6	2.6
MHT	4.1	3.3	3.1	2.8	-	-	-	-
TG	3.2	2.7	2.7	2.6	2.5	2.5	-	-
UCLA	3.1	2.3	2.6	2.5	2.3	2.2	-	-
WEFA	3.1	2.6	2.5	2.4	2.2	2	1.9	1.7
季末期間								
Chase	2.4	2.6	2.8	2.7	2.5	2.3	2.1	2
DRI	2	2.3	2.5	2.5	2.3	2.3	2.2	2

：預測期限包含六九年第二季至七四年第一季。ASA：美國統計協會和國家經濟預測局。CHASE：確斯計量小組。DRI：資料源發小量預測。GSU：喬治亞州立大學。MHT：漢諾克斯大學。TG：湯森葛林斯主計處。DGBAS(*)之預測期限。CHASE：確斯計量小組。RSQE：密西根大學。UCLA：加州洛杉磯。

根據上表顯示我國模型之均方根百分誤差為 1.2，均較各研究單位之誤差為低，而 DGBAS(*) 之預測期涵蓋至七十六年第三季，其均方根誤差雖略提升，仍然比各研究單位模型誤差低，顯示 DGBAS 模型的預測能力相當高。而近兩年來由於經濟情勢變化相當大，模型預測之均方根誤差均有提高之趨勢，因此預測的準確性尚須加強掌握各種經濟資訊、修訂模型或加入其他統計技巧以求改進。

這項短期預測工作已進行多年，預測系統已具規模，成效尚稱良好，與國際上知名經濟研究機構之預測能力比較，並不遜色。為供政府施政參考及各界應用，爰自七六年起擴展總供需估測為五年及八季長期預測，引進先進預測機構經驗，改善估測方法，提升作業品質。以使供需估測工作更為完善。

貳、五年的長期預測結果

我國未來五年的長程經濟預測經於日前完成。首先參考美國華頓模型與聯結模型等著名研究機構之預測，判斷世界經濟約在一九八九年進入衰退期，一九九〇年達於谷底，而國際物價及美元匯率則漸趨穩定；在國內因素部分，則配合「擴大國內需求，帶動經濟成長」的基本經建目標，適度擴張公共支出，以帶動民間投資。

基於以上國內經濟走向，設定重要外生變數如下表：

主要外生變數

單位：%

	政府消費 年增率(%)	政府投資 年增率	公營事業投資 年增率	進口物價 年增率	世界貿易量 年增率
七十七年	12.03	25.15	15.53	-4.16	4.38
七十八年	12.00	22.00	14.44	4.50	3.20
七十九年	12.00	22.00	11.07	3.03	2.91
八十年	12.00	23.53	11.65	3.76	3.85
八十一年	12.00	23.57	11.67	3.27	3.70

將外生變數代入模型，即可得出主要結果如下表：

主要預測結果

單位：%

	經濟 成長率	GNP 物價 上升率	民間消費 成長率	輸出 成長率	輸入 成長率	國內需求 成長率	國外淨需求 成長率
七十七	7.27	3.98	7.58	19.64	7.31	14.79	-17.25
七十八	8.14	4.24	8.62	18.13	4.40	6.79	-6.42
七十九	6.13	3.52	8.07	11.21	3.40	6.73	-13.90
八十	6.60	4.38	8.38	14.43	6.30	11.11	-26.26
八十一	8.45	4.07	8.37	14.95	9.08	11.06	-9.72

根據此一估測結果，可以看出未來五年我國台灣地區的經濟發展將可顯現幾個特色：

一、輸出成長趨緩，輸入大幅加速

受新台幣升值及進口自由化措施影響，輸入則大幅增加，輸出將僅見溫和成長，導致國外淨需求將持續呈現負成長。

二、民間消費增幅擴大

近年來民間財富大量增加，消費能力大幅提升，加以新台幣升值及進口自由化措施之影響，民間消費將見較大幅度增加。

三、物價水準緩慢趨升

受貨幣供給續增之影響，國內物價面臨極大漲升壓力，惟貿易財部分因國際物價穩定且進口阻礙減少，不致大幅調升，非貿易財部分則可預期有相當漲幅，整個物價水準將呈緩慢趨升的態勢。

參、結論與展望

總供需估測作業雖已日臻健全，惟隨科技進步，對預測精準度之要求日漸提昇，且經濟現象隨社會進步更趨複雜，而經濟結構之變化遠較預測模式可用性之改進更為快速。為追求理想的預測結果，以下數點仍有賴努力研究改進：

(一) 經濟環境之限制

邇來國際經濟情勢變幻莫測，即以1990年世界經濟是否陷入蕭條，便爭議不休。而我國台灣地區對外貿易依存度極大，景氣榮枯自不能脫離國際經濟潮流而獨行，故長期預測尤須參酌世界各國資料。

(二) 人力運用之限制

經濟預測所需人力相當龐大，舉凡資料庫的維護，系統軟體的支援，有關資訊的蒐集，模型的研修，以及整個預測過程的掌握，在在需要具備相當素質與經驗的人員參與。目前人員素質尚稱穩定，惟事繁人力少，流動性偏高，經驗累積不易，嚴重影響預測業務的進步速度。

(三) 加強政策變數設定方法之改進

政府固定資本形成、政府消費等政策變數均能直接影響國內最終需求，而其設定係依據施政方針、各級政府初編預算收支概數、並考量政府財政收入。以往十年經驗顯示，政府各部門預算需求與施政計畫尚未能密切配合；致公共支出估測設定之平均絕對誤差仍高，若予改善必能更增估測效果。

(四) 不同週期模型間模擬結果之勾稽

現有之季、半年及年三種不同週期之計量模型，模擬結果有時會出現較為顯著之差異，可利用此結果，注意可能原因並再予研究改進。

(五) 時間數列分析方法之運用

近年來，時間數列分析方法與計量模型之結合漸受重視，除能提供模型外生變數設定參考與結果比較，尚可深入分析統計資料的特性，以與先驗經濟理論整合。惟本項方法反映季節變動趨勢較能適用，能否促使按年預測過程更加完備，尚待研究。

如果 Steve Stigler 要寫一本有關中國統計學歷史的書，他必須提到這次在舊金山舉行的年會。在 1986 年芝加哥年會中，中國統計學家的聚會是一個重要的開始。他們決心要成立一個全球性的中國統計組織，並選出刁錦寰、蔡嘉永、羅昭容、李昭勝及吳建福研究組織章程。經由蔡嘉永主持的五人小組竭智盡慮，擬定了會章草案，並郵寄中國留美統計協會 (Chinese Statistical Association in America) 所有會員投票表決，以 113 票贊成，3 票反對通過。

大約有 150 位中國統計學家參加了這次於 1987 年 8 月 19 日下午 5 點鐘在希爾頓飯店蒙特利廳舉行的會議。主席魏立人報告了投票結果並宣布泛華統計協會 (International Chinese Statistical Association) 正式成立。緊接著由大會提名刁錦寰教授與羅昭容教授為協會主席候選人，經與會會員表決通過刁錦寰教授當選為首任協會主席之後大會並選出傅權教授為下任主席。蔡嘉永、藍光國、胡乃介、葉翹、李昭勝、向傳心、魏立人、吳建福、張健天、韓建佩、羅昭容、董永良及齊茂松為理事會委員。

協會主席刁錦寰教授接著致詞強調協會兩個重要的目的為(1)加強全球同仁間之交誼及交換工作心得，及(2)促進統計在中國各地之發展，並且宣佈協會近期的目標之一為辦一份中國人的國際性統計期刊，希望能起拋磚引玉之效。

首次的理事會議於大會圓滿結束後舉行。會中先由傅權報告辦期刊之有關事項，同時理事會決定(1)蔡嘉永負責立案，(2)陳順益同學擔任本年度協會幹事，下年度由鄭惟孝接任，(3)張健天、李昭勝吸收新會員，(4)向傳心、葉翹負責籌募基金，(5)胡乃介、魏立人為提名委員，(6)韓建佩負責 1988 年協會之會議與餐會有關事宜。

順益兄：

收到你的信要我在 ICOSA 的通訊上說幾句關於國內統計發展的話，我想我就用來信的格式來說，一方面我習慣於這種格式，再也是它較不正式。許多話是我的自己看法，和官方沒有甚麼關係。

統計科學的發展，在台灣已漸漸進入重視「實用」的階段。前些日子有位朋友李隆安先生南下到中鋼公司去了解一些問題，得知王丕承教授在那兒為他們講授一門有關統計方面的課程。諸如此類實際的工作，我相信有許多正默默的在進行著，同時接觸的層面可能也已相當廣泛。目前國內的一些問題，上自執政官員的施政評分，下到商品市場的調查，都有人在做統計的工作，也許品質沒有那麼高，但也相對的限於人力及經費。至於環境的評估（如台灣目前還沒有 300 隻熊？），主要疾病的管制（如 B 一型肝炎），大專聯考的甄別性，人體工學（如必須生產多少件 14 - 32 的襯衫？）等等，都可以看到統計學家的足跡。

以上所舉類似的工作，許多都並非本所參與的，本所的主要工作是基礎研究。雖然統計科學由於「入世」，所以需要實際世界的素材，但我們也不會因為能夠推廣史丹佛大學某教授的定理而便沾沾自喜。所期望的並不是走得太快，而是能夠走得穩一點。

去年（1987）八月三日，統研所「籌備處」在工作了五年之後，奉准成立了「統計科學研究所」，「成所」所蘊含的意義之一就是「已略具規模，應較為成熟」，因此今後也許會減少舉辦有助於公共關係方面的活動。目前本所已開始徵聘研習生，同時也進一步和國內有博士班的研究所互相往來。

目前最大的計畫是預備在 1990 年創辦一份期刊，名稱叫做“Statistica Sinica”，這是將要和 ICOSA 合作的。本所願意大量地投入人力和物力，希望能使得這份刊物不但成為本所的招牌，更要成為中國統計學者的招牌。

本所目前亟需優秀的統計工作者加入，雖然我們在物質方面可能仍欠理想（五、六年後也許會改變），但我們正站在台灣統計工作是否能打通「任督二脈」的分界點上，因此如果您是一位非常獨立思考的研究工作者，請考慮加入我們的行列。

附帶的一點，本所有相當開放的訪問制度，自三、五日到一、兩個月不等。簡單條件就是(一)、只做與研究有關的事。(二)、有一位本所的研究人員願做支助的主人。期望這種開放的辦法，能有效地發揮作用。此祝

年釐

弟 民德上

一月二十五日

中美統計會議于 1987 年 8 月 31 日至 9 月 4 日在北京順利召開，這是中美統計界一次大規模的國際會議。中國科學院前院長盧嘉錫教授出席了歡迎晚會並講了話，電視台和幾家報紙均報導了這次盛會。

自 1978 年以來，中美統計界的學術交流日益頻繁。1984 年雙方動議召開一次雙邊國際會議，並決定由中國科學院應用數學研究所、系統科學研究所和美國統計協會 (ASA) 共同籌備和主辦這次會議，雙方的組織委員會是會議的最高領導。這次會議得到中國科學院、中國統計學會、中國概率統計學會、國家自然科學基金委員會和中國數學會的支持和贊助。

出席這次會議的美方代表 65 人，中方代表 182 人，宣讀論文 194 篇，除了八篇邀請報告在大會上宣讀，其它論文按學科分組如下：(1) 概率論、(2) 過程與控制、(3) 時間序列、(4) 大樣本理論、(5) 分布理論與貝叶斯統計、(6) 參數估計、(7) 自助法、刀切法與投影尋踪法、(8) 統計檢驗、(9) 回歸、列聯表、(10) 線性模型與回歸、(11) 試驗設計、(12) 多元分析、(13) 非參數統計、(14) 可靠性、(15) 生存分析、(16) 醫學統計、(17) 社會與經濟統計、(18) 抽樣、(19) 統計計算。

出席會議的雙方陣容都很強，中國國內的知名統計學家絕大部分都出席了會議，還有一批新秀；在美方代表中據吳建福教授估計，有 20 人左右是世界一流水平的，其中有四名獲得過 COPSS Award，而至今只有七人獲得過該獎。

這次會議的目的是爲了增進中美雙方在統計學方面的了解與友誼，進一步加強雙邊學術交流和合作。我國統計學的發展近年來十分迅速，已有十三所大學開設了統計系，但從隊伍的水平 and 數量來看比美國還有一段距離，通過會議是向美國同行學習的好機會。

會議期間還就成立世界性華人統計學會和如何發展中國的統計事業進行了專題討論。雙方就第二屆中美統計會議召開的可能性、目的和時間作了初步探討。

我們深信，中美統計界的友誼和合作將會進一步加強。

在設計外海平台或其他建築的過程中，必須計算海浪、強風、地震及其他環境因素對平台加諸的力量。爲了使得設計合理，電腦模擬常被用來計算百年，千年或萬年一見的風力或浪力。有兩個問題一直困擾著平台的設計者：1) 需用多少年的模擬方能算出可靠的百年或千年一見的浪力？2) 如果用一千年或一萬年的模擬來計算百年的浪力 (100-YEAR WAVE FORCE) 所得的誤差有多大？

在進行幾年的模擬之後，我們可以將每年最大的環境力排成一個漸增序列 $X(1), X(2), \dots, X(n)$ 。利用 ORDER STATISTICS 中的結果，我們不難算出 $\text{Prob}(X(r) > 100\text{-YEAR FORCE})$ 。利用算出的結果，我們可以獲得對 100-YEAR FORCE 的估計，並算出差誤，這些結果可以幫助我們解答上述二個問題。

值得一題的是：這個方法可以用到其他電腦模擬上。上述的結果將在 1988 年 American Mechanical Engineering society. 的 International Conference on Offshore Mechanics and Arctic Engineering 上發表。Preprint 可以向王作民索取 (Dr. A. T. WANG, Exxon Production Research Company, P.O. Box 2189, Houston, Tx, 77252-2189, Tel: 713-497-4914 (H), 713-965-4896 (O))。

對《紅樓夢》的研究已經產生了一門專門的學問——紅學。《紅樓夢》也真配，我想如果要找一本小說來概括中華古典文化的話，只有它是合格的。

儘管紅學著作又經汗牛充棟，但是，離最終完成還差得很遠。別的不說，連這部書是誰著的，都很有疑問。目前通行的還是胡適先生在1921年提出的理論，即前八十回為曹雪芹所寫，帶自傳性質，後四十回為高鹗所續。

適之的“自傳說”比以往的“索隱派”確實高明，自他之後的紅學稱為新紅學，的確取得不少成就。但是隨著大量材料的發現，“自傳說”的局限越來越明顯，說它接近於崩潰實不為過。

以往紅學研究的另一弱點是越來越脫離《紅樓夢》這本書，鑽到曹氏家世的牛角尖裡去。

作為一個統計工作者，我相信《紅樓夢》書中含有作者的信息，用統計方法起碼能判斷前八十回與後四十回是否為同一人所寫。這次來美訪問，我帶來選定的47個虛字在每回出現的頻率數據，並用威大的計算機作了分析，並發現了大量紅學家從未提及的新現象。看來，很難說《紅樓夢》只是兩個人的手筆，而前八十回與後四十回的關係比想像的也要複雜得多。根據計算結果，我已能提出一套新理論，比較詳細地描述《紅樓夢》的成書過程，對作者問題則基本否定胡適的說法。這個理論估計會在紅學中引起軒然大波。

我用的是多元分析方法，以47個虛字的出現頻率為變量，廣泛採用各種分類方法。為與紅學家對話方便計，大量結果用圖表的形式繪出，很具直觀性。我的一些結果，特徵十分明顯，似乎任何一個稍懂統計的人，都認為已經抓到某些要害，頗具說服力。我將向秋天舉行的中美統計討論會提供一篇論文介紹統計結果，又寫成一萬餘字的紅學論文，準備與紅學界論爭。

如果我的理論得以確定，將是統計學的一大勝利，會大大鼓舞統計學在語言學中的應用。

即使我的紅學理論有重大缺陷，但是我這次所用的統計方法比起前人來確有很大改進，主要是EDA，多元分析，聚類、圖表等，這些顯然都能體現近代統計的水平，特別是計算統計的重大進展。Mosteller & Wallas關於聯邦主義者文獻著作權的研究在美國是很有名的，對於《紅樓夢》，由於不存在先驗知識，他們的方法根本寸步難行，相反的，若用我的方法於他們的問題，我相信一定能幹得比他們好得多；這項研究看來只能有待於留美學人來做了，因為後天我將動身回國。

1987年6月25日於Madison

1970年我在新竹清大統計研究所教書。為了能接觸一些傑出的大學部學生，是以有獎徵題的方式，每一、兩週在佈告欄貼出一道問題，獎金大約相當於美金十元。解題最多的兩位是刻在逢甲大學執教的郝新生博士和在加州大學柏克萊分校執教的鄭清水博士。因解題而發表的文章有郝在清華學報發表的「Bull-Cow 問題之討論」及鄭和我在淡江數學合撰的「The Even-odd game」。這兩位一直都保持聯絡，去年在南港中研院演講時郝從台中趕來見面，今年十月去柏克萊時也和鄭暢談有刻。

清華的經驗引起了我徵題的濫觴，因而結識了不少英才和好友。其中在本刊徵題的有兩次。第一次是1975年提出“在淘汰賽中強手一定比弱手勝算大”的猜測，不可思議的是這個猜測居然是錯誤的（見Israel在1981 JASA文）。但因徵文而結識了在天波大學執教的宣建業博士和在邁阿密大學執教的陳文憲博士，證明了一些猜測成立的特例（見黃一宣1980 Commun. in Statist. 文及陳一黃在1987 Graphs and Combinatorics文）。並向宣學習了ranking selection理論，合寫了兩篇文章；向陳學習了一些或然率理論，合寫了五篇文章。第二次即今年二月提出的一個群試猜測和一個可靠率猜測，前者是我十年來心腹之患（我是不願在看到它的證明前先看到上帝的），結果兩個猜測都被在科羅拉多大學執教的姚怡慶博士解出，肯定了前者（見姚一黃在1988 SIAD文）而否定了後者。這樣的大賢我當然抓住不放，今年內已另合寫了三篇，我只希望我能不斷的生產新問題來供姚試刀。

本會中臥龍藏虎，人才輩出，為了繼續釣大魚，我再拋出下列兩個從群試問題引出的釣餌：

1. 任一雙邊圖若恰有 2^k 條邊，則必有一誘導 (induced) 子圖恰含 2^{k-1} 條邊。（\$ 90）
2. 已知 n 物中恰含 d 壞物。當 $n \leq 3d$ 時，需 $n-1$ 群試（即對 n 物除最後一物外一一測試）始能保證找出所有壞物。（\$ 80）

參考：① Chang（張鎮華）—Hwang 1981 SIAD文 ② Hu（胡門昌）—Hwang—Wang（王九遠）1981 SIAD文 ③ Du（堵丁柱）—Hwang 1982 SIAD文（SIAD是SIAM J. ALG. DISC. MATH. 簡稱）。

Dependence Conference記盛

董永良

Symposium on Dependence in Statistics and Probability於1987年八月一日至五日在賓州隱谷 (Hidden Valley Resort Conference Center, Somerset, PA) 舉行。該會議係由美國國科會 (NSF)，陸軍及空軍研究單位，與匹大 (Univ. of Pittsburgh) 共同贊助，由匹大三劍客Henry Block, Allan Sampson與Tom Savits所發起及組織。Local arrangements由Chhetry, Stoffer, 及方兆本三位負責。參加會議者共八十餘人，除美加地區外，尚有來自英國、日本、波蘭及以色列等地者，國人參加者包括丁美齡，王建玲，Harry Joe，董永良等，皆有專論發表。

根據該會議簡章所述，其目的在於研討統計學中正負相依 (Positive and negative dependence) 觀念之理論及應用。我們只要用心想想，就不難發現變數間之相依性幾乎到處存在。I. Olkin曾在他的講演中列舉了下列幾個例子：1. 多元分析，2. 時間數列，3. 馬夫鏈，4. 貝氏理論與混合分佈，5. 可靠性理論，在這些方面相依性均扮演一項重要的角色。比如說，在可靠性研究中如果一架飛機有四個引擎，在一個引擎損壞後，勢必增加其他三個引擎之負荷，怎能說這些引擎的壽命是獨立變數呢？由此可見，相依性之研究實為統計學中重要之一環。

會議在八月一日下午非正式開始，當天共發表了三篇論文。二日 (星期天) 上午由匹大副校長致歡迎詞，講了幾句官話，好戲才正式上場，前後一共發表了五十幾篇論文，節目非常緊湊。晚上如有小組討論，尚需挑燈夜戰。伙食奇佳，一頓接一頓大吃不休，住宿的地方亦非常安靜舒適。無論從會議內容或者生活細節的安排來說，這都是一次極成功的會議。

從論文的性質來看，這次會議的重點在於modeling, 推論 (inference) 方面的文章家家無幾。另外一種現象是相依性不等式方面的論文非常多，這可能是由於相依性與不等式間的高度相依性所致。總之主講者半數左右均曾參加1982年Nebraska不等式會議，大家興趣相近，話就越說越多，尤其難得的是不等式理論中的四大元老Karlin, Marshall, Olkin, 與Proschan又在此相會了。這四人笑傲江湖數十年，今已垂垂老矣，而且每人際遇不同，Marshall已辦退安退休，只待返回湖邊小居，靜享田園之樂。Proschan久病方癒，氣色甚佳，今朝在隱谷相會，把酒話當年，下次聚首又是何年何日？人世間參商盈缺，實難預卜也。

本來打算再寫一、兩段，但我每次投稿老編 (editor) 都嫌廢話太多，勉以精簡為重。所以還是就此打住的好，可是想著想著，突然詩興大發，乃在會場內踱方步，口占一絕，詩曰：

“輕輕來隱谷
研討正相依
多多細思量
加減與乘除”

華盛頓特區統計工作漫談

羅昭容

應總幹事陳順益邀請投稿統計協會會刊，這份差事難在未限定題目，考慮再三，決定略述一些華盛頓附近有關統計方面的工作環境及感想。

馬里蘭大學是極少數州立大學中沒有統計系的學校，甚至全馬里蘭州的大學均無統計系。在Baltimore的Johns Hopkins大學有生物統計系及數學科學系；在馬里蘭大學 (college park) 大部份的統計教授集中於數學系，在這種環境下，研究工作受系的影響而偏重理論，對應用統計的發展頗受限制。

所幸馬里蘭大學得天獨厚，位於首都華盛頓郊區，與聯邦政府的同行交往頻繁，與他們共同研究的機會很多，聯邦政府用統計的機構多之又多，統計人才濟濟。以數據為例，ASA的一萬六千餘會員中有二千左右集中在大華盛頓區，這佔ASA的會員的百分之十二強。就工作性質而言，統計工作規模大的研究機構包括有國家衛生研究局 (NIH)，人口調查局 (Census Bureau)，標準局 (Bureau of standards)，稅收局 (IRS)，食物醫藥局 (FDA)。在這些機構裏，抽樣統計，迴歸分析，數據分析，時間序列及壽命分析之應用非常普及。所舉機構的統計理論的研究工作，亦進行得非常積極。至於在隨機過程及隨機模擬 (Stochastic Modelling) 的工作方面則是事多人少，許多軍事機構偏重於概率應用。這方面的應用工作經常需要與其他專業的研究人員合作。比如說舉兩個我比較熟悉的例子：神經生理學 (Neurophysiology) 與放射能研究 (Radiation and Dose Response)。翻看他們的學術刊物都是充滿了隨機過程應用到實驗結果上的論文，可是這些文章經常是其他專業人員的作品，極少數是與統計專家的合製品。這種現象可能是因為應用概率研究人員太少，或是供不應求，或是雙方面合作不成功而造成其他專業自己發展概率的趨勢。至於供不應求的問題，這牽涉到研究院課程的安排，應用概率，Stochastic modelling的課似乎可以加多加強。另外是要加強與其他專業的聯繫，也許在我們的統計學術會議中能多請其他科系的專家來演講。

與同事同行聊天，不時談到我研究問題的方法，從應用着手，經常會產生許多很有意義的理論問題，這亦是找研究問題一個好路子。

(按：本文標題係由編者自行加上，希望不會損傷原稿，如有任何不妥，完全是編者的責任。)

Opportunities for Statisticians at Bell Labs

TSUI, KWOK-LEUENG

Bell Labs is one of the leaders in industrial and applied statistics. The work of statisticians at Bell Labs has had major impact on the fields of quality control and improvement, data analysis, statistical modeling, and statistical computing. Bell Labs offers statisticians a wide range of employment opportunities. Opportunities include:

- Statistics Research Departments

The Statistics and Data Analysis Research Department and Statistical Models and Methods Research Department in Murray Hill, NJ are very similar to academic statistics departments, except there is no required teaching. The staff includes roughly 30 researchers who work in the areas of data analysis, graphics, statistical computing, artificial intelligence, statistical modeling, generalized linear models, time series, multivariate analysis, reliability, and quality improvement. These departments provide an excellent research environment, which includes research discussion with colleagues, weekly research seminars, strong support for conferences and professional meetings, and active encouragement for publication.

- Quality Assurance Center

The Quality Assurance Center is a world leader in the field of quality control and quality improvement. Statisticians in the Center are involved in both research and development work related to quality improvement. The active research areas in statistics in the Center include robust process and product design, experimental design, reliability modeling, and analysis of reliability data. Statistics methods for quality are deployed through courses, software tools, and consulting. There are roughly 15 statisticians at the Center. They work individually or as a group in research, developing and teaching courses, developing software tools (with software engineers), and consulting with engineers. The Center provides statisticians great opportunities for consulting with engineers; strong support for conferences and professional meetings; and excellent environment for research discussions with

colleagues from various fields and weekly seminars in quality, computer sciences and statistics.

- Business Analysis Center

Statisticians here work closely with AT&T Communications to forecast demand for long distance telephone services, and to evaluate pricing schemes. There are roughly 10 statisticians in this Center.

The three organizations above have the largest groupings of statisticians. There are other smaller groups of statisticians elsewhere within Bell Labs, such as statisticians in the Systems Training Center and the Product Development Organizations. These statisticians develop courses and provide consultations for Bell Labs and the rest of the AT&T research and development community.

For statisticians interested in working in industry, doing applied research and development work, Bell Labs is one of the best places to be.

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喜訊動態

- *譚外元博士 1986 及 1987 暑假擔任 IPA scientists at National Cancer Inst./NIH。
- *丁迺迪博士於 1987 年 9 月畢業，並立即在 Pfizer 藥廠上班。
- *中國科學院應數所副所長，中國數學會常務理事方開泰教授 1988 年一至五月將至 Univ of North Carolina at Chapel Hill 講學，隨後並將訪問 UCLA 等六、七所大學。
- *黎子良教授於 1987 年起應聘至 Dept. of statistics, Stanford University 任教。
- *陳以文博士現為 Quality Program Manager, System Development Group, ROLM Cooperation IBM。
- *謝暉光博士 1987-88 兼任 Principal of Amherst Chinese School。
- *丁承博士甫於 U. of Georgia 畢業即應聘至 Georgia Dept. of Human Resources 任職。
- *在 Univ. of Manitoba 統計學系任教的傅權及鄭惟孝兩教授，適逢休假一年，兩人同時決定返台服務一年，經國科會聘請，傅教授到中央研究院統計科學研究所客座一年，鄭教授則到母校淡江大學數學研究所客座一年。
- *在 Boston Univ. 任教的丁美齡教授自 1987 暑期起回到中央研究院統計科學研究所客座半年。
- *在 Johns Hopkins Univ. 任教的梁廣義教授也於 1987 年 9 月返回中央研究院生物醫學研究所客座半年。
- *在 Univ. of Houston 任教的吳鐵堅教授於 1987 年 12 月回到中央研究院統計科學研究所客座半年。
- *在 Guelph Univ. 任教的黃金生教授在 1988 年元月底回到中央研究院統計科學研究所客座三個月。
- *陳達博士 被登錄於 Personalities of America, 4th edition (1987)，並獲選為 Associate Editor for biopharmaceutical Section of J. of Amer. Statist. Asso.
- *洪志真博士於 1987, 6, 16 又添一女，取名 Crystal，小名晶晶。
- *劉本傑博士再度膺選為伊州州立芝加哥大學傑出教授獎，為該校自 1867 年成校以來連續在三年內兩度獲獎之第一人。
- *北美中國經濟學會成立，本會同仁胡德偉和鄒至莊教授膺任首屆正副會長，劉本傑教授任執行秘書兼財務，粟慶雄教授為常任顧問。
- *1987 美中三社團聯合學術年會中，本會同仁，包括刁錦寰，吳建福，鄭光甫等教授及向傳心，陳惠森等博士，汪錕及刁錦寰均

- 提出論文於“生產力及品管”組中。汪錕及刁錦寰均獲得大會頒發傑出成就獎。
- *董永良教授於 1987 年當選為 IMS Fellow。
- *魏立人教授獲頒 1987 年 Spiegelman Gold Medal Award。這項榮譽由 American Public Health Association 每年頒給對 Health Statistics 理論及應用有重大貢獻，且年齡在 40 歲以下的統計學家。該獎是由 Spiegelman 姊妹為紀念其兄 Dr. M. Spiegelman 而設立。魏教授目前任教於 University of Michigan—Ann Arbor 生物統計系。
- *吳建福教授於 1987 年 8 月榮獲國際統計學界的大獎—COPSS (The Committee of Presidents of statistical societies) Award 此獎由 American Statistical Association, the Institute of Mathematical Statistics, the Biometric Society (Eastern and Western North American Regions), 以及 Statistical Society of Canada 共同成立，目的為獎勵 40 歲以下的傑出統計學者。設立數年以來，每年選出一名得主，吳教授為第二位獲得此項榮譽之中國人（黎子良教授於 1983 年榮獲 COPSS Award）。吳教授現為 University of Wisconsin—Madison 統計系暨品質與生產改進中心教授，其預定於 1988 年 6 月換任新職，應邀於加拿大 University of Waterloo 統計與精算學系任教及 GM / NSERC, Chair—Quality and Productivity。
- *梁廣義教授榮獲 1986 年度 George W. Snedecor Memorial Award 中 Biometry 方面最佳論文獎。此獎由 American Statistical Association 以及 Iowa State University 聯合設立。梁教授目前任職 Johns Hopkins University 生物統計學。得獎的二篇相關論文為與其同僚 Scott L. Zeger 博士合著的“Longitudinal Data Analysis Using Generalized Linear Models”此文刊於 Biometrika 73, 13—22, 1986。另一篇“Longitudinal Data Analysis for Discrete and Continuous Outcomes”，刊登在 Biometrics 42, 121—130, 1986。

博士論文摘要

Thesis Abstract

Song Yang 楊松

Department of Statistics & Probability, Michigan State University

Let Θ be a subset of the p -dimensional Euclidean space, and X_1, \dots, X_n be i.i.d. with a density f belonging to a parametric family $\{f_\theta: \theta \in \Theta\}$. Let Y_1, \dots, Y_n be independent of X_i 's and i.i.d. with an unknown censoring d.f. G . In the random censoring model, the pairs $\min(X_i, Y_i), [X_i \leq Y_i]$ are observed, where $[A]$ denotes the indicator of the set A . With proper interpretation of the likelihood function in the random censoring model, this thesis discusses minimum Hellinger distance estimation (MHDE) of the parameter θ .

In studying the MHDE, the tail behavior of the product-limit (P-L) empirical processes are investigated and the weak convergence of these processes on the real line is established. In addition, an upper bound on the mean square increment of the normalized P-L process is obtained. Based on the global behavior of the P-L processes, kernel density estimators are constructed and shown to be consistent. Using these results, it is shown that, at the true model, the MHD estimators are asymptotically efficient among the class of regular estimators for a large class of G 's; they are also minimax robust in small Hellinger neighborhoods of the given parametric family.

A modest Monte-Carlo study for $f_\theta(x) = \theta e^{-\theta x}$ and $1-G(x) = e^{-x}$, $x > 0$ shows that, even in the presence of heavy censoring, the MHD estimators do well for clear data and better than some standard estimators for contaminated data.

The work extends the results of Beran(1977; Minimum Hellinger Distance Estimates for Parametric Models. Ann. Statist. 5, 445-463) for the complete i.i.d. data case to the censored data case. Some of the proofs employ the martingale techniques developed by Gill(1980; Censoring and Stochastic Integrals. Mathematical Centre Tracts 124. Mathematisch Centrum, Amsterdam).

ON RESAMPLING METHODS FOR VARIANCE ESTIMATION AND RELATED TOPICS

Jun Shao

Under the supervision of Professor C. F. Jeff Wu

This thesis considers the problem of estimating the statistical accuracy of a point estimator $\hat{\theta}$ by using data resampling. In Chapters 2 to 4, the asymptotic properties (consistency, asymptotic unbiasedness and mean squared error) of the resampling variance estimators are studied for very general estimators $\hat{\theta}$ based on independent and identically distributed observations while in Chapters 5 and 6 the investigation is concentrated on smooth $\hat{\theta}$ in linear regression (independent but non-identically distributed data).

In Chapter 2, a class of delete- d jackknife variance estimators is derived. This general jackknife rectify a well known deficiency of the classical delete-1 jackknife: the inconsistency of the delete-1 jackknife variance estimator for nonsmooth $\hat{\theta}$ such as the sample quantiles. A general theory which explains why jackknife works or fails is also given. The computational aspects of the delete- d jackknife variance estimators are studied in Chapter 3.

A modified bootstrap variance estimator, which circumvents the problem of the original bootstrap when the population distribution has heavy tails, is proposed in Chapter 4. The consistency of this modified bootstrap variance estimator is established for $\hat{\theta}$ which are differentiable statistical functionals. The properties of the Monte Carlo approximation to the bootstrap variance estimator are also studied.

The use of weighted jackknife (Wu, 1986) for variance and bias estimation in linear models are studied in Chapters 5 and 6, respectively. The weighted jackknife is shown to have a robustness (against the error heteroscedasticity) property, and is an improvement over the unweighted jackknife. The properties of a bootstrap method in linear model (Efron, 1979) are also examined.

編 後 語

一年一次的會刊及通訊錄是許多同仁的心血結晶，也是聯繫所有同仁的橋樑。感謝賜稿的各位作者，他們的文章大大充實了會刊的份量。謝謝陳達教授主動提供德州地區可能會員的名單，沈志華，耿旭教授來信鼓勵。同時謝謝黃鐘璇同學的來稿，可惜時間未能配合，無法趕上付印，只能留給下任的工作小組出版。

由於所有工作人員的熱心幫忙及他們默默的耕耘，才能使協會業務繼續推展，使這本刊物順利出刊。尤其是王榮超同學的超人的精神，犧牲無數的寶貴時間，在電腦資料處理上，作了最大的付出，他的貢獻是有目共睹的。感謝周策縱教授的封面題字及林欽誠同學的題字，值得一提的是，對一個素未謀面的學生一通電話要求，周教授豪爽地答應且隔天即交件，這種古道熱腸，我們永遠銘記在心。

張健天，李昭勝教授花了無數心血，蒐集了目前不是會員的華人同仁名單，邀請同仁參加協會。希望藉由這項努力，能得到多數同仁的迴響。同時也感謝羅昭容教授在舊金山年會時的餐會安排，及羅教授不時地給我們熱心指導與打氣。傅權及鄭惟孝教授在台灣幫忙及延攬會員，處理會刊的中文打字，付印及空運等，更是功不可沒。沒有他們的幫忙，就不可能有會刊的出版。

本期會刊配合著協會正式立案，作了許多嚐試性的改革，希望能更具可讀性，同時我們更希望能得到你的批評與建議。

通訊錄

CLASSIFICATION

- | | |
|---|--|
| A. Education Statistics | E. Social Sciences |
| B. Biometrics/Health Sciences | F. Computing Sciences |
| C. Physical/Engineering/
Industrial Statistics | G. Survey Research Methods |
| D. Business/Economics/
Management Sciences | H. Mathematical Statistics/
Probability |
| | O. Others |

■ Indicates lifetime member

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CHEN, CHI H. 陳季錫 PH.D. 1965	ELECTR ENGIN DEF T S.E. MASS. UNIV. N. DARTMOUTH, MA 02747 (617)999-8475	PROFESSOR & CHAIRMAN DEPT OF E.E. S.E. MASS. UNIV.	C H	CHEN, JIUNN CHARN 陳俊成 IOWA STATE U. M.S. 1979	587 HARLEY DR. #7 COLUMBUS, OH 43202 (614)262-3801	STUDENT OHIO STATE UNIV. DEPT OF STAT. 1958 NEIL COLUMBUS, OH 43210	B C H
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CHEN, EVA E. 陳以文 UW-MADISON PH.D. 1979	718 INVERNESS WAY SUNNYVALE, CA 94087 (408)736-3206	QUALITY PROGRAM MANAGER IBM CORP 4900 OLD IRONSIDES DR SANTA CLARA, CA (408)986-1000	C D	CHEN, MON-GY 陳滿枝 M.S. 1977	3 PLEASANT PLACE NORTH BRUNSWICK, NJ 08902 (201)821-2796	SR. BIostatistician G.H. BESSELAAR ASSOCIATE 103 COLLEGE RD. EAST PRINCETON, NJ 08540 (609)452-8550(216)	B
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CHEN, HSIUFEN 陳秀芬 NATIONAL CHENGCHI U B.S., 1985		STUDENT UW-MADISON	O	CHEN, ROBERT C. 陳正炘 M.S. 1970	225 BUSH ST. APT. 875 SAN FRANCISCO, CA 94104 (415)894-4653	SR. ACTUARIAL ANALYST STAND OIL CO. OF CA RM 875, 225 BUSH ST. SAN FRANCISCO, CA 94104	D
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CHEN, HUNG 陳宏 PH.D. 1984	91 CAYUGA AVE. SETAUKET SOUTH NY 11720 (516)751-0098	ASSIST. PROFESSOR STATE UNIV. OF NY DEPT OF APPLIED MATH. & STAT. STONY BROOK, NY 11794 (516)632-8353	O	CHEN, RONGDEAN 陳榮典			B
				CHEN, SHEW-JEN		STUDENT DEPT OF STAT U. OF GEORGIA	O
				CHEN, SHU MEI 陳秀梅 PH.D. 1984			C

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CHEN, SION-FANG 陳勳芳		STUDENT DEPT OF STAT., TEMPLE U. PHILADELPHIA, PA 19122	O	CHENG, PHILIP E. 程爾觀 PH.D. 1980	INSTITUTE OF STATISTICS ACADEMIA SINICA NANKANG, TAIWAN, R.O.C. (02)783-5611(E313)	O
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CHEN, TZUOO-YEE 陳左宜		STUDENT DEPT OF STAT UW-MADISON	O	CHENG, SMILEY W. 鄭惟孝 U. OF W. ONTARIO PH.D. 1973	11 LONGSTON PLACE WINNIPEG, CANADA R3T 3T6 (204)261-5670	A H
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LEE, AUSTIN F.S. 李豐盛 PH.D. 1972	9 CARNEGIE PLACE LEXINGTON, MA 02173 (617)861-7573	ASST. PROFESSOR DEPT OF MATH., BOSTON U. 111 CUMMINGTON ST. BOSTON, MA 02215 (617)353-7843	B D	LEE, CARL M. S. 李茂森 IOWA STATE U. PH.D. 1984	1308 NORTHWEST APTS MT. PLEASANT, MI 48859 (517)774-4565	ASST. PROFESSOR PE219, DEPT OF MATH. CENTRAL MICH. UNIV. MT. PLEASANT, MI 48859 (517)774-6520	B
LEE, C. CATHY 李鍾琪 OKLAHOMA STATE U. M.S. 1968	1122 JADE DR. BEL. AIR, MD 21014 (301)879-5987	MATH. STAT. RAMILS/HFE DIV, EVAL. DIR. HQ, US ARMY TEST & EVAL ABERDEEN PROVING GD, MD 21005-5055 (301)278-3026/3805	C	LEE, PAUL S.T. 李慎棟 PH.D. 1973	5713 PINEHAVEN DR. GREENSBORO, NC 27410	ASSOCIATE PROFESSOR DEPT OF BUSINESS ADMIN. NORTH CAROLINA A&T STATE U. 1601 E. MARKET ST. GREENSBORO, NC 27411 (919)334-7656	D
LEE, C. CHARLES 李楚英 PH.D. 1975	17 HIGHLAND DR. ST. JOHN'S, NF A1A 3C3 CANADA (709)754-1807	ASST. PROFESSOR MEMORIAL UNIV. OF NEWFOUNDLAND ST. JOHN'S, NF CANADA A1C5S7 (709)737-8730	H	LEE, PEY-JIUAN 李佩娟	999 W. LAUREL ST. #13 FORT COLLINS, CO 80521 (303) 491-4688	STUDENT STATISTICS DEPT. COLORADO STATE UNIV.	H
LEE, CHENG-FEW 李正福 SUNY AT BUFFALO PH.D. 1973	601 SHURTS URBANA, IL 61801 (217)384-5693	PROFESSOR COLLEGE OF COMMERCE UNIV. OF ILLINOIS CHAMPAIGN, IL 61820 (217)333-4522	D	LEE, RALPH M. 李茂坊 PH.D. 1981	17108 LABURNUM CT. ROCKVILLE, MD 20855 (301)963-4823		O
LEE, C. JACK 李昭勝 PH.D. 1972	19 BRANKO RD. BERKELEY HTS, NY 07922 (201)322-1743	MEMBER OF TECH. STAFF BELL COMMUNICATIONS RES. MRE, 2Q-374 MORRISTOWN, NJ 07960 (201)829-4396	D H	LEE, RICH 李瑞琦		STUDENT DEPT OF STAT., TEMPLE U. PHILADELPHIA, PA 19122	O
LEE, CHE-FU 李哲夫 PH.D. 1971	10408 GREAT ARBOR DR. POTOMAC, MD 20854 (301)983-1269	PROFESSOR DEPT OF SOCIOLOGY CATHOLIC UNIV. OF AMERICA WASHINGTON DC. 20064	B E	LEE, RU-YING 李儒英 PH.D. 1972	1026 PINETOWN RD. FT. WASHINGTON PA 19034 (215)542-7557	COMPUTER SCIENTIST 101 MASONS MITLA RD. HUNTINGDON VALLEY, PA 19006 (215)657-4500	F
LEE, CHINSAN 黎進三	(301)422-9507	STUDENT DEPT OF MATH U. OF MARYLAND COLLEGE PARK, MD 20742	O	LEE, SHEN-MING 李榮銘 M.S.C. 1987	5, ALLEY 2,2/F KUANGFU STREET JUNGHO, TAIPEI TAIWAN, R.O.C.	INSTITUTE OF APPLIED MATHEMATICS NATIONAL TSINGHUA UNIV. HSINCHU, TAIWAN, R.O.C.	O
				LEE, SIK-YUM 李錫欽 UCLA PH.D. 1977		PROF. DEPT OF STAT THE CHINESE U. OF H.K. SHATIN, HONG KONG	E

LEE, TZE-SAN 李子酸 SUNY AT S.B. PH.D. 1976	1020 LAKEWOOD MACOMB, IL 61455 (309)837-1627	ASST. PROF. DEPT. OF MATH., W. ILL. UNIV. MACOMB, IL 61455 (309)298-1485	B C F H
LEE, TZUO-YAN 李作言 U. OF PITTSBURGH SCD BIostat 1973	244 RIDGEWOOD AVE. GLEN RIDGE, NJ 07028 (201) 429-7964	STATISTICIAN 685 3RD. AVE. NEW YORK, NY 10017 (212) 878-5865	B
LEE, WEI-JUN 李偉鈞		STUDENT DEPT. OF STAT. UW-MADISON	O
LEU, CHING-HO 呂金河 NTL. TSINGHUA U. M.S. 1974	903D EAGLE HEIGHTS MADISON, WI 53705 (608)233-6238	STUDENT UW-MADISON 1210 W. DAUYON ST.	O
LEU, LII-YUH 呂理裕 PH.D. 1983	8, LANE 6, ALLEY 337, 4/F FUSHIN S. RD. SEC. 2 TAIPEI, TAIWAN, R.O.C. (02)732-4479	INSTITUTE OF STATISTICS NATIONAL CENTRAL UNIVERSITY CHUNGLI, TAIWAN, R.O.C. (03)422-7151 (E5455)	O
LEUNG, H.M. 梁海明		FDA, HFN-713 5600 FISHERS LANE ROCKVILLE, MD 20857 (301)443-4594	O
LI, HSIN-GEE 李信吉 PH.D. 1987	1600 W. PLUM #20L FT. COLLINS, CO 80521 (303)491-8805	POSTDOC DEPT OF STAT. COLORADO STATE UNIV. FT. COLLINS, CO 80521 (303)491-6014	G H
LI, JANE C. 黎喬家瑜 RUTGERS U. PH.D. 1971	620 ROLLING LN ARLINGTON HTS, IL 60004 (312)577-0747	MANAGER UDP INC. DES PLAINES, IL 60016	C F
LI, JUNFANG 李君芳		STUDENT DEPT OF STAT COLORADO STATE U. FORT COLLINS, CO 80523	O
LI, KER-CHAU 李克昭 PH.D. 1980		ASST. PROFESSOR DEPT OF MATH. UCLA LOS ANGELES, CA 90024	H
LI, LUNG-AN 李隆安 PH.D. 1983		INSTITUTE OF STATISTICS ACADEMIA SINICA NANKANG, TAIWAN, R.O.C. (02)783-5611	O
LI, SHOU-HUA 李守華 PH.D. 1975	4413 WOODFIELD RD. KENSINGTON, MD 20795 (301)564-0133	BIostatistician RM 538 WESTWOOD BUILD NATL. INST. OF HEALTH BETHESDA, MD 20205 (301)496-7716	B H
LI, WAI-KEUNG 李偉強		LECTURER DEPT OF STA T. UNIV. OF HK	O

LIANG, KUNG-YEE 梁廣義 U. OF WASHINGTON PH.D. 1982	7611 KNOLLWOOD RD. BALTIMORE, MD 21204 (301)821-7286	ASSOCIATE PROF. DEPT. OF BIostat. JOHNS HOPKINS UNIV. BALTIMORE, MD 21205 (301)955-7132	B
LIANG, MILIN 梁梅玲	305 N. FRANCES ST. APT. 512B MADISON, WI 53703 (608)256-0796	STUDENT DEPT. OF STAT. UW-MADISON	O
LIAO, HENRY M 廖茂雄 PH.D. 1975	28292 PASEO CORRALES SAN JUAN CAPISTRANO CA 92675	SR. BIostat. R & D KENDALL-MCGAW LABS 2525 MCGAW AVE. IRVINE, CA 92714 (714)660-2079	O
LIEN, S. 連素娥		STUDENT DEPT OF STAT, 1566 NEIL OHIO STATE U.	O
LII, KEH-SHIN 李克信 PH.D. 1975	315 MARAVILLA DR. RIVERSIDE, CA 92507 (714)787-3836	ASST. PROFESSOR STAT. DEPT. UC-RIVERSIDE RIVERSIDE, CA 92521 (714)787-3836	O
LIN, AMY H. 石連雲 U. OF MARYLAND M.A. 1976	19 MONTGOMERY AVE MONTVILLE, NJ 07045 (201)299-9795	STATISTICIAN HOFFMANN-LA ROCHE INC. RES. STAT NUTLEY, NJ 07110 (201)235-3534	B
LIN, CHAR-LUNG 林象隆 PH.D. 1982	1845 S. CORINTH AVE. #209 L.A., CA 90025	STAT./PROG. BMDP STAT. SOFTWARE INC. 1964 WESTWOOD BLVD. #202 L.A., CA 90025 (213)475-5700	F
LIN, CHI C. 林齊珍 PH.D. 1969	RR2, BOX 168 GREONFIELD, IN 46140 (317)894-8854	SENIOR GENETIST ELLI LILLY & CO. LILLY RESEARCH LAB. P.O. BOX 708 GREONFIELD, IN 46140 (317)462-8648	B
LIN, CHI-YUAN 林基源 MIT PH.D. 1968	2957 CASTLE HTS. AVE. L.A., CA 90034 (213)837-6274	PROFESSOR & CHAIRMAN DECISION SYSTEMS DEPT. UNIV. OF S. CALIF. SCHOOL OF BUS. ADMIN. L.A., CA 90089 (213)743-2446	B
LIN, CHIOU-HUA 林秋華		STUDENT DEPT OF STAT IOWA STATE U.	O
LIN, CHUN-TU 林春土		ASSOC. PROF. DEPT. OF MATH. ZHEJIANG UNIV. HANGZHOU, PRC	O
LIN, ELSA 林慧 PH.D. 1976	1506 DELGADO AVE. CORAL GABLES, FL 33146 (305)667-4430	DEPT OF MATH. UNIV. OF MIAMI CORAL GABLES, FL 33124 (305)284-2575	H
LIN, GUANG C. 林光春 M.S. 1967	1702 AFTONSHIRE DR. GREENSBORO, NC 27410 (919)288-8665	O.R. ANALYST BURLINGTON INDUSTRIES P.O. BOX 21207 GREENSBORO, NC 27410 (919)379-2340	C

LIN, GWO DONG 林國棟 ■ PH.D. 1981	18-8, 8-1/F HOPING E. RD. SEC. 2 TAIPEI, TAIWAN, R.O.C. (02)700-4068	INSTITUTE OF STATISTICS ACADEMIA SINICA NANKANG, TAIWAN, R.O.C. (02)783-6446(E315)	O
LIN, HSING-HSIEN 林信賢	801 D. ST #9 DAVIS, CA 95616 (916)753-6241	STUDENT DEPT OF STAT., UC-DAVIS DAVIS, CA 95616	O
LIN, JER-YAN 林哲彦 PH.D. 1987	12-1 FONCHA ROAD TAICHUNG, TAIWAN, R.O.C.	DEPARTMENT OF STATISTICS FONCHA UNIVERSITY TAICHUNG, TAIWAN, R.O.C. (04)252-2250(E368)	O
LIN, JIN-SYING 林錦辛 NTL. TSINGHUA U. M.S. 1986		STUDENT DEPT OF STAT. UW-MADISON 1210 WEST DAYTON ST.	H
LIN, JINN-TYAN 林進田 PH.D. 1984	(04)254-0270	DEPARTMENT OF STATISTICS FONCHA UNIVERSITY TAICHUNG, TAIWAN, R.O.C. (04)252-2250(E367)	O
LIN, JYH-SHIUN 林志勳 IOWA STATE U. M.S. 1985	1314 PRESIDENTIAL DR APT 220 COLUMBUS OH 43212 (614)481-7620	STUDENT OHIO STATE UNIV. DEPT OF STAT. 1958 NEIL COLUMBUS, OH 43210	O
LIN, KARL K.F. 林崑峯 U. OF MICHIGAN PH.D. 1979		DIVISION OF BIOMETRICS HFN-715 FOOD & DRUG ADMINISTRATION 2600 FISHERS LANE ROCKVILLE, MD 20857 (301)443-0263	H
LIN, KON-JIN 林共進 NTL. TSINGHUA U. B.S. 1982	301E EAGLE HEIGHTS MADISON, WI 53705 (608)233-3785	STUDENT UW-MADISON	O
LIN, KUANG-NAN 林光男 ■ PH.D. 1980	138, 6-3/F KINGSAN S. RD. SEC. 2 TAIPEI, TAIWAN, R.O.C. 02-391-6276	DEPARTMENT OF STATISTICS TAMKANG UNIVERSITY TAMSUI, TAIWAN, R.O.C. 02-621-5656(677)	O
LIN, LAWRENCE I.K. 林一夔 PH.D. 1979	2565 RIVERWOODS RD. RIVERWOODS, IL 60015 (312)945-0448	RES. STATISTICIAN STAT. SERVICE, TRAVENOL LABS 6301 LINCOLN AVE. MORTON GROVE, IL 60053 (312)965-4700(E3177)	B
LIN, LILLIAN S. 林聲蓉 HARVARD U. M.S. 1980	4055 8TH AVE. NE SEATTLE, WA 98105 (206)633-2474	STUDENT DEPT OF BIOSTAT. U. OF WASH. SEATTLE, WA 98195 (206)543-1044	B
LIN, LUNG-YING 林良盈 PH.D. 1976		PROFESSOR DEPT OF APPLIED STAT. NAT. CHUNG-HSIN UNIV. TAICHUNG, TAIWAN	B
LIN, LYNN Y.S. 林英祥 PH.D. 1974	1115 BRAYTON AVE. CINCINNATI, OH 45215 (513)761-6395	2621 VICTORY PARKWAY CINCINNATI, OH 45206 (513)559-7116	D H

LIN, MEILY 林美利	623 HARLEY DR #5 COLUMBUS, OH 43202 (614)267-3754	STUDENT DEPT OF STAT, 1566 NEIL OHIO STATE U.	O
LIN, MIAO-HSIANG 林妙香 ■ PH.D. 1985	24, ALLEY 71, 5/F HONCHOW S. RD. SEC. 1 TAIPEI, TAIWAN, R.O.C. 02-351-3959	INSTITUTE OF STATISTICS ACADEMIA SINICA NANKANG, TAIWAN, R.O.C. 02-783-5611-213	O
* LIN, OSCAR C. 林吉雄 OKLAHOMA STATE U. PH.D. 1978	3306 EASTSIDE DR. LOU, KY 40220 (502)499-9804	STATISTICIAN B&W TOBACCO CO. R&D 1600 W. HILL ST. LOUISVILLE, KY 40201 (502)774-7927	C
LIN, PI-ERH 林丕二 PH.D. 1968	2108 SKYLAND DR. TALLAHASSEE, FL 32303 (904)386-5913	PROFESSOR DEPT OF STAT., F.S.U. TALLAHASSEE, FL 32306 (904)644-3218	O
LIN, SHANG PING 林尚平 UNIV. OF CHICAGO PH.D. 1977	6 CHAPARRAL RD. SPRING VALLEY NY 10977 (914)623-8918	RESEARCH SCIENTIST NATHAN KLINE INSTITUTE ORANGEBURG, NY 10962 (914)359-1050	B F H
LIN, THOMAS C. 林晉莊 PH.D. 1978	246 OAKEREST LANE ZION, IL 60099 (312)746-5424	BIostatistician D-431 ABBOTT LAB. NORTH CHICAGO, IL 60064 (312)937-3027	B
LIN, TSAI-LIEN 林彩蓮 PH.D. 1984		STATISTICIAN WYETH LAB., P.O. BOX 8299 PHILADELPHIA, PA 19101 (215)341-5716	O
LIN, TSUNG-HUA 林宗華 M.A. 1983	169 B UNIV. VILLAGE AMES, IA 50010 (515)294-8927	STUDENT IOWA STATE UNIV.	O
LIU, JINN-ING 劉晉英		STUDENT DEPT. OF STAT. UW-MADISON	O
LIU, MICHELLE 劉長萱 PH.D. 1984		INSTITUTE OF STATISTICS ACADEMIA SINICA NANKANG, TAIWAN, R.O.C. (02)783-6446	O
LIU, ANDREW A. 劉安中 PH.D. 1976	46 CARTWRIGHT DR. E. PRINCETON JUNCTION NJ 08550	BIostatistician FMC CORPORATION AGRI. CHEM. GR. 100 NIAGARA ST. MIDDLEPORT, NY 14105 (716)735-3761(E304)	B
LIU, BEN-CHIEH 劉本傑 WASHINGTON U. PH.D. 1971	5360 PENNYWOOD DR. LISLE, IL 60532 (312)964-0236	PROFESSOR OF M&IS. CHICAGO STATE UNIV. 95TH ST. KING DR. CHICAGO, IL 60628 (312)995-3951	C
LIU, CHI, SHELLEY 劉倍莉 PH.D. 1978			B

LIU, HAN-CHU 劉涵初 PH.D. 1980	35-3, LANE 25, ALLEY 277 SIAN STREET TAICHUNG, TAIWAN R.O.C. (04)252-4628	DEPARTMENT OF STATISTICS FONCHA UNIVERSITY TACICHUNG, TAIWAN, R.O.C. (04)252-2250(E367)	O
LIU, HANNAN H. 廖衍能 U. OF PITTSBURGH PH.D. 1982	33 OLD QUARRY DR WEYMOUTH, MA 02188	STATISTICIAN SERONO LAB INC. 280 POND ST RANDOLPH, MA 02368 (617)963-8154	B
LIU, HUEI-HO 何惠 NTL. TAIWAN U. M.S. 1980	A106 UNIV. VILLAGE ATHENS, GA 30605 (404)549-8120	STUDENT DEPT OF STAT U. OF GEORGIA	B
LIU, KIANG 劉江 PH.D. 1976	2942 ACORN LANE NORTHBROOK, IL 60062 (312)480-1464	ASSOC. PROFESSOR DEPT OF COMMUNITY HEALTH & PREV. MEDICINE NORTHWESTERN UNIV. 303 E. CHICAGO AVE. CHICAGO, IL 60611 (312)649-8307	B
LIU, LON-MU 劉榮木 UW-MADISON PH.D. 1978	949 N. LOMBARD AVE. OAK PARK, IL 60302 (312)383-1835	ASSOCIATE PROFESSOR DEPT OF INFO & DECISION SCI U.I.C BOX 4348 CHICAGO, IL 60680 (312)996-2676	C F
LIU, PATRICK M.C. 劉明中		STUDENT DEPT OF STAT U. OF GEORGIA	O
LIU, PING-YU 劉平宇 UW-MADISON PH.D. 1978	5651 HURFORD CT. AGOURA HILLS, CA 91301 (818)991-6457		B C
LIU, S.T. 劉信達 PH.D. 1976	12529 Cloudesly Dr. San Diego, CA 92128 (619) 485-6802	Shin-Ta Liu, Ph.D. Method Program Manager Semiconductor Components Group Northern Telecom Electronics Inc. 16250 W. Bernardo Dr., San Diego, CA 92127	D
LIU, SHU-ING 劉淑蕓 PH.D. 1979	75, CHUNG-TA NEW VILLAGE, CHUNGLI TAIWAN, R.O.C. (03)422-7151(E379)	INSTITUTE OF STATISTICS NATIONAL CENTRAL UNIVERSITY CHUNGLI, TAIWAN, R.O.C. (03)422-7151(E5455)	O
LIU, SHUGNEY C. 劉邱淑桂 M.S. 1973	2942 ACORN LANE NORTHBROOK, IL 60062 (312)480-1464	INSTRUCTOR DEPT OF PREV. MEDICINE 1753 W. HARRISON ST. CHICAGO, IL 60612 (312)942-3476	B
LIU, SOU-YAU 劉素瑤		STUDENT UW-MADISON	O
LIU, WALLACE C. 劉清白 PH.D. 1979	1165 E. PORTLAND FRESNO, CA 93710 (209)435-0194	PROFESSOR DEPT OF ISDS, CSUF FRESNO, CA 93710 (209)294-2392	C F

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LO, NANCY C.H. 羅齡輝 OREGON STATE U. PH.D. 1972	2575 ARDATH TD. LA JOLLA, CA 92037 (619)459-7313	BIOSTAT. SOUTHWEST FISHERIES CTR. NAT. MARINE FISHERIES SERV. P.O. BOX 271 LA JOLLA, CA 92038 (619)453-2820	B
LO, SHAW-HWA 羅小華 PH.D. 1981		ASST. PROFESSOR DEPT OF STAT., HARVARD U. SCIENCE CENTER 1 OXFORD ST. CAMBRIDGE, MA 02138 (617)495-5617	H
LOH, WEI-YIN 羅偉賢 PH.D. 1982		ASSOC. PROFESSOR UNIV. OF WISCONSIN MADISON, WI 53706 (608)262-7790	H
LU, AN-LING 滕安玲 PH.D. 1981			B C D
LU, CHI-HSIEN 路繼先	5157 BUCHANAN HALL AMES, IA 50013	STUDENT IOWA STATE UNIV.	O
LU, H. HANK 呂信賢 PH.D. 1980	6700 COPPERFIELD RD. LOUISVILLE, KY 40207	MARKETING RES. MGR. MARKETING JH. SYSTEMS INC. 250 E LIBERTY ST, SUITE 100 LOUISVILLE, KY 40202 (502)581-1168	C
LU, I-LE 路一立	20023 FORT BRIDGER KATY, TX 77449 (713)578-1030	EXXON PRODUCTION RES. CO. P.O. BOX 2189 HOUSTON, TX 77001 (713)940-4879	C
LU, JYE-CHYI 盧捷琦		STUDENT DEPT OF STAT. UW-MADISON	O
LU, KWANG 陸琬 MS. 1960, 80	2616 EVERGREEN ST. YORKTOWN HEIGHTS NY 10598 (914)245-5216	SYSTEMS ANALYST IBM, 1000 WESTCHESTER AVE. WHITE PLAINS, NY 10604 (914)696-7237	C F
LU, RUEY-PYNG 盧瑞平 PH.D. 1986		DIVISION OF MATH. & SCIENCE UNIV. OF MINNESOTA MORRIS, MN 56267	B
LU, XIAO-YAN 路小岩	1300 W. COLUMBIA AVE APT.#124 PHILADELPHIA, PA 19122	STUDENT DEPT OF STAT., TEMPLE U. PHILADELPHIA, PA 19122	O
MA, FENG-SHI 馬逢時		ASSOC. PROF. DEPT. OF MATH. TIANJIN UNIV. TIANJIN, PRC	O
MAO, IVAN L. 毛麟 CORNELL U. PH.D. 1970		PROFESSOR DEPT OF ANIMAL SCIENCE MICHIGAN STATE UNIV. E. LANSING, MI 48824 (517)355-8443	B

SHU, WUN-YI 許文郁 PH.D. 1987	84 EAST COURT TSINGHUA UNIVERSITY HSINCHU, TAIWAN, R.O.C. 035-714-311	INSTITUTE OF APPLIED MATHEMATICS NATIONAL TSINGHUA UNIV. HSINGCHU, TAIWAN, R.O.C. 035-715-131-291	O	TAN, W. Y. 譚外元 UW-MADISON PH.D. 1964	8031 BROOXIE COVE GERMANTOWN, TN 38138 (901)755-5134	PROFESSOR DEPT OF MATH SCI. MEMPHIS STATE UNIV. MEMPHIS, TN 38152 (901)454-2492	B H
SHUI, JOE H. 徐達寬 M.S. 1962		ASSOC. SEC. HEAD (PHARMACEUTICAL) ROUTE 10 E. HANOVER, NJ 07058 (201)386-8113	O	TANG, CHI-MING 湯啟明 U. NEW MEXICO PH.D. 1976	303 COUNTRY LANE GENESE, NY 14454 (716)243-4901	ASST. PROFESSOR DEPT OF MATH. SUNY GENESE, NY 14454 (716)245-5386	F H
SHYR, JING-YUN 石靜雲 PH.D. 1984	2112 FAIRFAX AVE. APT #209 NASHVILLE, TN 37212 (615)383-4085	ASST. PROFESSOR OWEN GRAD. SCHOOL OF MANAGEMENT, VANDERBILT U. NASHVILLE, TN 37203 (615)332-3644	O	TANG, SHOOU YU 湯守愚 COLORADO STATE U. M.S. 1987	1104 REMINGTON #102 FORT COLLINS, CO 80524 (303) 484-1727	STUDENT COLORADO STATE UNIV.	C F
SIH, TIEN-SHAN 薛天山 PH.D. 1982	74-32 45TH AVE. ELMHURST, NY 11373	ASST. PROFESSOR	D	TANG, VICTOR K.T. 唐光燾 PH.D. 1971		CTR. FOR NAVAL ANALYSES 4401 FORD AVE. ALEXANDRIA, VA 22302-0268 (703)824-2490	O
SOO, YUH-WEN 蘇郁文 NTL. CENTRAL U. M.S. 1982		STUDENT DEPT OF STAT UW-MADISON	O	TIAO, GEORGE C. 刁錦襄 PH.D. 1962	1445 E. 56TH ST. CHICAGO, IL 60637 (312)955-1595	PROFESSOR GRADUATE SCHOOL OF BUS. U. OF CHICAGO, 1101 E. 58TH ST CHICAGO, IL 60637 (312)702-7970 FAX (312)702-0458	D H
SOONG, W. C. 宋文昌	177 E. 14TH AVE COLUMBUS, OH 43201 (614)299-0884	STUDENT DEPT OF STAT, 1566 NEIL OHIO STATE U.	O	TING, CHAO-PING 丁兆平 OHIO STATE U. PH.D. 1987	525 MONTGOMERY CT. COLUMBUS, OH 43210 (614)267-6935	STUDENT O. S. U.	C
SU, QIANG 蘇疆		STUDENT DEPT. OF STAT. UW-MADISON	O	TING, NAITEE 丁迺迪 COLORADO STATE U PH. D 1987	28 DARTMOUTH DR. MYSTIC CT. 06355 (203)536-6657	CENTRAL RESEARCH, PFIZER INC DEPT OF CLINICAL RESEARCH GROTON, CT. 06340 R(203)441-4871	A
SU, SHIOW-LIN 蘇秀林		STUDENT DEPT OF STAT IOWA STATE U.	O	TONG, DONALD, D.M. 唐冬明 CASE-W. RESERVE U. PH.D. 1971	6634 EVERGREEN ST. KALAMAZOO, MI 49007 (616)327-3540	CLINICAL BIostat. THE UPJOHN CO. 7000 PORTAGE RD. KALAMAZOO, MI 49002 (616)323-7172	A B
SU, VINCENT 栗慶雄 PH.D. 1970	137 E. 36TH ST. NEW YORK, NY 10016 (212)684-7236	PROFESSOR, DEPT OF ECON. BARUCH COLLEGE, CUNY 17 LEXINGTON AVE. NEW YORK, NY 10010 (212)725-3066	D	TONG, LEE-ING 唐麗英 U OF KENTUCKY PH.D. 1984	4980 N. MAIN ST. FALL RIVER, MA 02720 (617)673-3773	ASST. PROFESSOR DEPT. OF MATH. S.E. MASSACHU. U. NOTH DARTMOUTH, MA 02747 (617)999-8325	C
SUEN, YUEN-FURE 孫燕福 M.S. 1982	18770 TUGGLE AVE. CUPERTINO, CA 95014		A B	TONG, YUNG L. 董永良 PH.D. 1967	913 BYRNWYCK RD. ATLANTA, GA 30319 (404)843-9380	PROFESSOR SCHOOL OF MATH. GEORGIA INSTITUTE OF TECH. ATLANTA, GA 30332 (404)894-2700	C H D
TAAM, WINSON 譚永生 M.S. 1982 PH.D. 1987		STUDENT DEPT OF STAT. UW-MADISON	O	TSAI, CHIH-LING 蔡知令 U MINNESOTS. PH.D 1983	#1, WASHINGTON SQ. VILLAGE RM 10H NY, NY 10012 (212)473-3346	ASST. PROFESSOR 40 W. 4TH ST. #524 DEPT OF APPLIED STAT. & OR NEW YORK, NY 10003 (212)598-3221	O
TAI, JOHN JEN 戴政 PH.D. 1984	8, LANE 445, ALLEY 150 2F, SINYI RD. SEC.5 TAIPEI, TAIWAN, R.O.C.	INSTITUTE OF STATISTICS ACADEMIA SINICA NANKANG, TAIWAN, R.O.C. (02)783-6446	O	TSAI, HUEI C. 蔡惠駒 PH.D. 1976		MANAGER IMMUNOBIOLOGY BIostat. ORTHO PHARMACEUTICAL CO. 18 CASPER BERGER RD. WHITEHOUSE STA., NJ 08889 (201)524-0975	B D
TAN, ELIZABETH 陳淑如	1300 W. COLUMBIA AVE. APT. 210 PHILADELPHIA, PA 19122 (215)232-6695	STUDENT DEPT OF STAT., TEMPLE U. PHILADELPHIA, PA 19122	O				
TAN, SUAN-BOON 陳川文 PH.D. 1979		ASST. PROFESSOR DEPT OF MATH./STAT. UNIV. OF NEBRASKA LINCOLN, NEB 68588 (402)472-3731 X 276	C H				

<p>TSAI, KAO-TAI 蔡高太</p>	<p>129 PEARL ST. NEW PROVIDENCE, NJ 07974 (201)464-7186</p>	<p>FDA DIVISION OF BIOMETRICS 5600 FISHERS LANE, 18B45 ROCKVILLE, MD 20857 (301)443-0263</p>	O	<p>TSONG, Y. 莊易 U.N. CAROLINA PH.D. 1979</p>	<p>2326 WEBSTER RANCH RD. FRIENDSWOOD, TX 77546 (713)996-0519</p>	<p>MATH. STATISTICIAN STATISTICS BRANCH OFFICE OF EPIDEMIOLOGY & BIOSTATISTICS CENTER FOR DRUGS & BIOLOGIES FOOD & DRUG ADMINISTRATION 5600 FISHERS LANE ROCKVILLE, MD 20857</p>	B
<p>TSAI, MARIAN 蔡敏漢 U. MASSACHU. M.S.</p>	<p>P.O. BOX 706 FOREST HILLS, NY 11375 (718)263-6119</p>	<p>ACCOUNT EXECUTIVE PRUDENTIAL BACHE SECUR. INC. INTERNATL & SPECIAL ACCOTS. 100 GOLD ST NY, NY 10292 (212)791-3218</p>	O	<p>TSOU, TAI-HOUN 鄒台虹 B.A. 1978</p>	<p>A307 BANNOCKHURN RIVERSIDE, CA 92507 (714)788-4656</p>	<p>STUDENT UCR STAT. DEPT. RIVERSIDE, CA 92521</p>	C
<p>TSAI, MING-TAN 蔡明田 PH.D. 1987</p>	<p>226, JUNGCHOU 2ND RD. CHIJING PRESCINT KAOHSIUNG, TAIWAN, R.O.C (07)571-2884</p>	<p>INSTITUTE OF STATISTICS ACADEMIA SINICA NANKANG, TAIWAN, R.O.C. (02)783-5611</p>	O	<p>TSUI, KAM-WAH 徐鑑華 PH.D. 1978</p>		<p>ASSOC. PROFESSOR DEPT. OF STAT. UNIV. OF WISCONSIN MADISON, WI 53706</p>	O
<p>TSAI, STEPHEN 蔡執中 M.S. 1976</p>	<p>17 MCNEIL DR. PAISIPPANY, NJ 07054 (201)334-5361</p>		D H	<p>TSUI, KWOK-LEUENG 徐國良 UW-MADISON PH.D. 1986</p>		<p>ROCKFORD ARMS APT. APT. 306A CROSS RD. MATAWAN, NJ 07747</p>	O
<p>TSAI, W.Y. 蔡偉森 PH.D. 1982</p>	<p>48 PATRICIA LANE SO. SETANKET NY 11720 (516)698-6103</p>	<p>ASSO. STAT. APPLIED MATH. DEPT. BROOK HAVEN NAT. LAB. UPTON LONG ISLAND, NY 11973 (516)282-4157</p>	B	<p>TU, JOW-CHING 涂肇慶 PH.D.</p>	<p>29 LACY LN. LOUDONVILLE, NY 12211 (518)438-5401</p>	<p>RESEARCH DEMOGRAPHER BUREAU OF BIostat. N.Y.S. HEALTH DEPT. RM 308, TOWER BLDG., E.S.P. ALBANY, NY 12237 (518)474-1294</p>	B
<p>TSAO, LING-LING 曹玲玲 U MICHIGAN MPH</p>		<p>SYNTEX RESEARCH L-2036 3401 HILLVIEW AVE. PALO ALTO, CA 94304 (415)855-6532</p>	B	<p>TU, YIEN-I 涂硯詒 PH.D. 1961</p>	<p>2842 SHERYL AVE. FSYETTEVILLE AR 72701 (501)521-4195</p>	<p>ASSOC. PROFESSOR ECON. DEPT. UNIV. OF ARKANSAS FAYETTEVILLE, AR 72701</p>	D
<p>TSAY, JIA-YEONG 蔡嘉永 PH.D. 1974</p>	<p>8221 LOCHINVER LANE POTOMAC, MD 20854 (301)299-6870</p>	<p>HEAD, BIostat. UNIT FEDERAL BLDG, RM #114 NAT. INST. OF HEALTH BETHESDA, MD 20205 (301)496-9725</p>	B	<p>TUNG, SARAH 董揚志明 M.A. 1968</p>	<p>29 DARIEN RD. NEWARK, DE 19711 (302)368-8544</p>	<p>PROJ. LEADER OF STAT. COMP. ACADEMIC SERVICES SMITH HALL, U. OF DELAWARE NEWARK, DE 19716 (302)451-1989</p>	A D
<p>TSAY, R.H. 蔡瑞胸 PH.D. 1982</p>		<p>ASST. PROFESSOR DEPT OF STAT. CARNEGIE-MELLON UNIV. PITTSBURGH, PA 15213 (412)578-8874</p>	O	<p>WANG, ALBERT 王作民</p>	<p>11511 DEL MONTE HOUSTON, TX 77077 (713)497-8821</p>	<p>EXXON PRODUCTION RES. CO. P.O. BOX 2189 HOUSTON, TX 77001 (713)965-4896</p>	O
<p>TSAY, YAN-LING 蔡燕琳</p>	<p>634 PAMMEL CT. AMES, IA 50010</p>	<p>STUDENT IOWA STATE UNIV.</p>	O	<p>WANG, CHAIHO C. 王嘉珊 U DENVER PH.D. 1974</p>	<p>1232 MEYER CT. MCLEAN, VA 22101 (703)734-2463</p>		D H
<p>TSE, SIU-KEUNG 謝紹強 PH.D. 1984</p>	<p>313 FOREST PARK APT L3 DURHAM, NH 03824 (603)868-5973</p>	<p>ASST. PROFESSOR DEPT OF MATH. KINGSBURG HALL UNIV. OF NEW HAMPSHIRE DURHAM, NH 03824 (603)862-3622</p>	O	<p>WANG, CHAO L. 王肇齡 JOHN HOPKINS U. PH.D. 1974</p>	<p>10701 JUDY LN. COLUMBIA, MD 21044 (301)531-5538</p>	<p>NW STATISTICIAN OCCUPATIONAL SAFETY & HEALTH STAT., 601 D ST. NW BUREAU OF LABOR STAT. WASHINGTON DC. 21213 (202)273-3473</p>	B
<p>TSENG, CHIPEI 蔡清培 PH.D.</p>	<p>329 FAIRMONT DR. DEKALB, IL 60115</p>	<p>ASSOC. PROF. DEPT OF BUSI. SYST. & ANAL. N. ILLINOIS UNIV. DEKALB, IL 60115 (815)753-1286</p>	D	<p>WANG, CHIEN-CHUN 王千春 PH.D. 1985</p>	<p>1500 W. PLUM APT. 13G FT. COLLINS, CO 80521 (303)482-4691</p>	<p>POST DOC. COLORADO STATE UNIV.</p>	H
<p>TSENG, PENG-HSIU 曾文</p>		<p>STUDENT DEPT OF STAT., TEMPLE U. PHILADELPHIA, PA 19122</p>	O	<p>WANG, CHIH-MING 王志民 COLO. STATE U. PH.D. 1979</p>	<p>2344 Highbury TROY, MI 48098 (313)828-3399</p>	<p>SR. RES. SCI. DEPT. OF COMP. SCI. GM RES. LAB. WARREN, MI 48090 (313)575-3172</p>	C D F
<p>TSENG, S.T. 曾勝滄 TAMKANG U. PH.D. 1982</p>	<p>43, SEC 4, KEELUNG RD. TAIPEI TAIWAN</p>	<p>ASSOC. PROFESSOR NTIT, 43, SEC. 4, KEELUNG RD. TAIPEI, TAIWAN (02)341-3141</p>	C				

WANG, CHIEN-WEN DAISY 王倩雯 LOUISIANA STATE U B.S., 1986		STUDENT UW-MADISON	O	WANG, SAMUEL H.S. 王冕三 PH.D. 1983		ASSOC. PROFESSOR CHUNG YUAN UNIV. DEPT OF INFO-COMM ENG. CHUNG LI, TAIWAN, R.O.C.	C
WANG, CHU S.L. 朱小玲		STUDENT DEPT OF STAT IOWA STATE U.	O	WANG, WEN-YU 王文玉 (301)439-4842		STUDENT DEPT OF MATH U. OF MARYLAND	O
WANG, GEORGE H.K. 王宏凱 PH.D. 1976		Commodity Future Trading	O	WANG, Y.H. 王堯弘 PH.D. 1971		PROFESSOR CONCORDIA UNIV. 1455 DE MAISONNEURE BLVD. W MONTREAL, PQ CANADA H3G 1M8	H
WANG, H.L. 王鴻龍 OHIO STATE U. M.S. 1985	1566 NEIL DR COLUMBUS, OH 43201 (614)421-2593	STUDENT DEPT OF STAT, 1566 NEIL OHIO STATE U.	O	WANG, YI-JUAN 王羿鈞 NATIONAL CHENGCHI U		STUDENT UW-MADISON	O
WANG, JANE-LING 王建玲 UC-BERKELEY PH.D. 1982	209 JALISCO PLACE DAVIS, CA 95616 (916)756-3765	ASST. PROFESSOR DIV. OF STAT. 469 KERR HALL, UC-DAVIS DAVIS, CA 95616	H	WANG, YONGHUA 王永華 M. S. 1985		STUDENT DEPT. OF STAT. U.C. BERKELEY	O
WANG, JEAN CHIN YING 陳瑾瑛 PH.D. 1983	12, ALLEY 141 4/F KINGSAN S. RD. SEC. 2 TAIPEI, TAIWAN, R.O.C. (02)394-6008	INSTITUTE OF STATISTICS ACADEMIA SINICA NANKANG, TAIWAN, R.O.C. (02)783-5611 (E306)	O	WANG, J. YU-CHUNG 王友鐘 RUTGERS U PH.D. 1980	24 CALDER COURT MARLBORO, NJ 07746 (201)972-9379	ASST. PROFESSOR DEPT. OF MATH. SCI. RUTGERS U. CAMDEN, NJ 08102 (609)757-6087	H
WANG, JUNG-CHAO 王榮超		STUDENT UW-MADISON	O	WEI, BOCHENG 韋博成		ASSOC. PROF. DEPT. OF MATH. NANJING INDUS. COLLEGE NANJING, PRC	O
WANG, KUI-JANG 王國徵		114 SNEDECOR HALL DEPT OF STAT IOWA STATE U. AMES, IA 50010	O	WEI, C.Z. 魏慶榮 PH.D. 1980	14230 CASTLE BLVD. SILVER SPRING, MD 20904 (301)890-7041	ASSOC. PROFESSOR DEPT OF MATH. COLLEGE PARK, MD 20742 (301)454-4944	H C D
WANG, M.N. 王敏男 PH.D. 1974	20618 VICTOR ST. TORRANCE, CA 90503 (213)542-0376	ATLANTIC RICHFIELD CO. 515 S. FLOWER ST. #2109 LOS ANGELES, CA 90503 (213)486-3056	A	WEI, DUAN 韋端 PH.D. 1977	357, 12-1/F JEN-AI RD, SEC. 4 TAIPEI, TAIWAN, R.O.C. 02-721-8027	BUREAU OF STATISTICS & ACCOUNTING 2, 6/F KUANGCHOU ST. TAIPEI, TAIWAN, R.O.C. 02-311-7147	O
WANG, MEI-CHENG 王美茜 UC-BERKELEY PH.D. 1985	6332 BRIGHT PLUME COLUMBIA, MD 21044 (301)955-7775	ASST. PROFESSOR DEP. OF BIostatISTICS JOHNS HOPKINS UNIV. 615 N. WOLFE ST. BALTIMORE, MD 21205	B	WEI, FEI-FEI 魏非非		STUDENT DEPT OF STAT, 1566 NEIL OHIO STATE U.	O
WANG, MIN-CHIANG 王民強 PH.D. 1973	NW 1635 DEANE DR. PULLMAN, WA 99163 (509)332-6997	ASSOC. PROFESSOR DEPT OF MGMT. & SYSTEM WASHINGTON STATE UNIV. PULLMAN, WA 99164 (509)335-1870	D H	WEI, GREG C. 魏成鋼 S. ILL. U. M.S. 1985		STUDENT DEPT. OF STAT. UW-MADISON	O
WANG, PAUL C.C. 王傳誠 PH.D. 1979		ASST. PROFESSOR DEPT OF STAT. U. OF CALGONY 2500 UNIV. DR. NW CALGONY, ALBATA T2N 1N4 (403)284-6767	O	WEI, L.J. 魏立人 PH.D. 1975		PROFESSOR DEPT OF BIostat. UNIV. OF MICHIGAN ANN ARBOR, MI 48109 (313)764-5450	B H
WANG, PECHENG 王丕承 PH.D. 1982		PROFESSOR INST. OF STAT. NAT. CENTRAL UNIV. CHUNG LI, TAIWAN, R.O.C.	O	WEI, PEI-LAN 魏佩蘭		STUDENT IOWA STATE UNIV.	O
				WEI, WILLIAM W.S. 魏武雄 UW-MADISON PH.D. 1974	1663 PEMBROOK RD. MAPLE GLEN, PA 19002 (215)643-0753	PROFESSOR & CHAIRMAN DEPT OF STAT. TEMPLE PHILADELPHIA, PA 19122 (215)787-8459	D H

WONG, JUHN-HSIONG 翁俊雄	28 TAKUNG RD. 5/F-2 TAICHUNG, TAIWAN, R.O.C. 04-223-6647	DEPT OF APPLIED MATHEMATICS NATIONAL CHUNGHSING UNIV. TAICHUNG, TAIWAN, R.O.C. 02-284-0421	O	WU, SU-FEN 吳素芬 NTL TAIWAN U		STUDENT UW-MADISON	O
WONG, LINDA 黃希真 MA 1972		STAT. LAWRENCE BERKELEY LAB. COMP. SCI. RES. 50B/3238 ONE CYCLOTRON RD. BERKELEY, CA 94720 (415)486-6567	O	WU, S.M. 吳賢銘 PH.D. 1962		PROFESSOR DEPT OF MECH ENG. UM-ANN ARBOR ANN ARBOR, MI	C
WONG, W.H. 王永雄 UW-MADISON PH.D. 1980	5525 S. BLACKSTONE #25 CHICAGO, IL 60637 (312)324-1401	ASSOCIATE PROFESSOR DEPT OF STAT. 5734 S. UNIV. AVE. CHICAGO, IL 60637 (312)962-8325	B H	WU, SING-CHOU 吳興國 PH.D. 1969	1740 DE ANZA SAN LUIS OBISPO CA 93401	PROFESSOR STAT. DEPT. CALIF. POLY. S. U. SAN LUIS OBISPO, CA 93407 (805)546-2961	D H
WONG, WING-KEUNG 黃永強		STUDENT UW-MADISON	O	WU, TIEE-JIAN 吳鐵肩 INDIANA UNIV PH.D. 1982	7823 ROYAN DR. HOUSTON, TX 77071 (713)728-2481	ASSISTANT PROF DEPT. OF MATHEMATICS U. OF HOUSTON HOUSTON, TX 77004 (713)749-2118	H
WU, BERLIN	608 EIGENMANN INDIANA UNIV. BLOOMINGTON, IN 47406 (608)337-5810	STUDENT DEPT OF MATH. INDIANA UNIV. BLOOMINGTON, IN 47401	O	WU, TSAI-YI 吳再益 PH.D. 1986	6, LANE 16, ALLEY 38, 5/F TIANGYI STREET, SHIHLIN TAIPEI, TAIWAN, R.O.C. 02-871-9805	DEPARTMENT OF STATISTICS TAMKANG UNIV. TAMSUI, TAIWAN, R.O.C. 02-507-3979	O
WU, CHIEN-FU 吳建福 PH.D. 1976	3913 BIRCH AV. MADISON, WI 53711 (608)231-1036	PROFESSOR 1210 W. DAYTON ST. DEPT OF STAT. MADISON, WI 53706	G H	WU, YUEHUA 吳月華 NANJING I.T. M.S. 1984	353 MEYRAN AVE PITTSBURGH, PA 15213 (412)682-1572	STUDENT 315 THACKERAY MALL DEPT OF MATH & STAT U. OF PITTSBURGH PITTSBURGH, PA 15260	H
WU, D.M. 吳得民 PH.D. 1963	DEPT OF ECON. UNIV. OF KANSAS LAWRENCE, KS 66044	PROFESSOR DEPT OF ECON. UNIV. OF KANSAS LAWRENCE, KS 66045 (913)864-3501	D	XU, DAMING 徐達明	1321 E. MADISON PK. #3 CHICAGO, IL 60615 (312)924-5510	DEPT OF STAT U. OF CHICAGO CHICAGO, IL 60637 (312)753-8058	O
WU, HO SHU-CHEN 何淑禎	2930 18TH ST. NW NEWBRIGHTON, MN 55112 (612)633-9487 (619)679-0604	SENIOR STATISTICIAN IMMUNOBIOLOGY BIostat. ORTHO PHARMACEUTICAL CO. RARITAN, NJ 08869	B	YANG, GRACE 羅昭容 PH.D. 1966	6106 NEILWOOD DR. ROCKVILLE, MD 20852 (301)881-5238	PROFESSOR DEPT OF MATH. U. OF MARYLAND COLLEGE PARK, MD 20742 (301)454-2602	O
WU, HSIU-FEN 吳秀芬 PH.D. 1984	4, LANE 57, 4/F LIN-YI STREET TAIPEI, TAIWAN, R.O.C. 02-393-8797	DEPARTMENT OF MATHEMATICS TAMKANG UNIVERSITY TAMSUI, TAIWAN, R.O.C. 02-621-5656	O	YANG, HELEN 楊海倫 NTL CENTRAL U B.S.		STUDENT UW-MADISON	O
WU, JEREMY S 胡喜慶 GEO. WASHINGTON U PH.D. 1982	5518 WILLIAMSBURG BLVD ARLINGTON, VA 22207 (703)241-7886	BRANCH CHIEF 14TH & INDEP AVE SW RM SOUTH-0611 WASHINGTON, D.C. 20250 (202)447-7318	C D H	YANG, HWA-MING 楊華明 PH.D. 1980	3313 MIDDLESEX DR. APT. #C TOLEDO, OH 43606 (419)536-0658	MATH. DEPT. THE UNIV. OF TOLEDO 2801 W. BANCROFT ST. TOLEDO, OH 43606 (419)537-2976	H
WU, JUO-WEI 吳若薇	932A EAGLE HEIGHTS WI 53715	STUDENT UW-MADISON	O	YANG, JOANNA Y. 楊憶 PH.D. 1977	4945 ELGIN CIRCLE SYRACUSE, NY 13215 (315)469-4418	SENIOR STATISTICIAN BRISTOL LABORATORIES P.O. BOX 4755 SYRACUSE, NY 13221-4755 (315)432-9601	B
WU, JIANG-MING 吳江名 NTL. CHENGCHI U. M.B.A. 1982	2324, 9TH ST #22 LUBBOCK TEXAS 79401 (806)763-9212	STUDENT TEXAS TECH.	O	YANG, MARK C.K. 楊昭崑 PH.D. 1970	2267 NW 15TH AVE. GAINESVILLE, FL 32605 (904)376-5694	PROFESSOR DEPT OF STAT. U.F. GAINESVILLE, FL 32611 (904)392-1941	B H
WU, KUO-TSUNG 吳國宗 M.S. 1981		STUDENT UW-MADISON	O	YANG, MING-CHUNG 楊明宗 PH.D. 1986	7, LANE 72, ALLEY 1, 12/F HOPING E.RD. SEC. 3, TAIPEI, TAIWAN, R.O.C. (02)303-4335	INSTITUTE OF STATISTICS NATIONAL CENTRAL UNIVERSITY CHUNGLI, TAIWAN, R.O.C. (03)422-7151 (E5458)	O

YANG, SHIE-SHIEN 楊錫憲 PH.D. 1976	332 N. 15TH AVE. MANHATTAN, KS 66506 (913)539-1514	ASST. PROFESSOR DEPT. OF STAT. K.S.U. MANHATTAN, KANSAS 66502 (913)532-6883	C H	YUAN, YANG C. 阮揚權 U. OF CAROLINA PH.D. 1984	5 WINDING CREEK LANE CHAPEL HILL, NC 27514 (919) 967-5320	SENIOR STATISTICIAN SAS INSTITUTE INC. ONE SAS CIRCLE CARY, NC 27512 (919) 467-8000	B F
YANG, ZHENHAI 楊振海		ASSOC. PROF. DEPT. OF MATH. BEIJING INDUS. UNIV. BEIJING, PRC	O	YUAN, WILLIAM J.C. 袁人俊 U.C. BERKELEY PH.D. 1972	11 BARBARA ST. PARSIPPANY, NJ 07054 (212)299-0867	SEN. PRINCIPAL STATISTICIAN WYETH LABS P.O. BOX 8299 PHILADELPHIA, PA 19101	B H
YAO, TZY-JYUN 姚姿君 MS 1984		STUDENT UW-MADISON	O	YUE, CHING-SYANG 余清祥		STUDENT UW-MADISON	O
YAO, YI-CHING 姚怡慶 M.I.T. PH.D. 1982		ASST. PROFESSOR DEPT OF STAT. COLORADO STATE UNIV. FORT COLLINS, CO 80523	H	YUEN, KAPO 袁永賢 SUNY-STONY BROOK PH.D. 1986	219-64 75 AVE. BAYSIDE, NY 11364	STATISTICIAN BROOKHAVEN NATIONAL LAB UPTON, NY 11973 (516)282-3606	B H
YAP, SOOK-FWE 葉淑慧		STUDENT DEPT. OF STAT. UW-MADISON	O	ZHANG, PING 張平 ACADEMIA SINICA M.S. 1982	434 38TH ST. OAKLAND, CA 94609	STUDENT DEPT. OF STATISTICS UNIVERSITY OF CALIFORNIA BERKELEY, CA 94720	H
YEH, C.M. 葉卿銘	4230 RIDGE LEA RD. AMHERST, NY 14226	DEPT OF STAT. SUNY AT BUFFALO BUFFALO, NY 14215 (716)831-3159	O	ZHU, SHIGUANG 朱士光		STUDENT DEPT OF STAT IOWA STATE U. AMES, IA 50011	O
YEH, CHIAO 葉翹 PH.D. 1970	120 WELDIN PARK DR. WILMINGTON, DE 19803 (302)762-1585	BIOSTAT. STUDART PHARMACEUTICAL ROUTES 202 & 141 WILMINGTON, DE 19897 (302)575-8914	B	ZHU, WEIYENG 朱偉勇		ASSOC. PROF. COMPUTER CENTER NORTH-EAST INDUS. COLLEGE SHENYANG, PRC	O
YEH, TRICIA 林萃 M.S. 1979	24 ZELOOF DR LAWRENCE VILLE, NJ NJ, 08648 (609)275-1643	SENIOR BIostatISTICIAN G.H. BESSELAAR ASSOCIATES 103 COLLEGE RD E PRINCETON NJ 08540 (609)452-8550	B	徐其仁 陳榮典		U. of Cincinnati Business College Division of Epid. & Biostat. Univ. of Cincinnati Medical College	
YEN, FUSHENG 嚴復生		STUDENT UW-MADISON	O				
YU, HONG-JEN 余宏仁	1216 PEACHTREE RD. FALLSTON, MD 21047 (301)877-3493	STATISTICIAN VA MEDICAL CENTER, CSPCC PERRY POINT, MD 21902 (301)642-2411 EXT 573	B				
YU, MEI-LIN 余梅林 U. OF OKLAHOMA M.S. 1983	6408 BRENTFORD TERR. OKC, OK 73132 (405)364-9397	STUDENT DEPT OF BIostat & EPIDEM. U.O. HEALTH SCIENCE CENTER OKLAHOMA CITY, OK (405)271-2229	B				
YU, PAO-LO 郁保羅 PH.D. 1961	2005 PIN OAK COURT INDIANAPOLIS, IN 46260 (317)872-0663	PROFES. JOR DEPT OF MEDICAL GENETICS INDIANA UNIV. SCHOOL OF MEDICINE, RR132 INDIANAPOLIS, IN 46223 (317)264-2241	B				
YU, VICTOR 余沛氏 TEXAS T.U. PH.D. 1976	31 PRATTLEY DR. WILLOWDALE, ONTARIO CANADA M2J2K1 (416)497-1695	STATISTICIAN O.R. DEPT BANK OF NOVA SCOTIA TORONTO, ONTARIO CANADA (416)866-3525	D				

Yeh, George

New Mexico Power

Lee, G. S.
李金序

VA, Bealpoint