Volume 32 Issue 1

IMS Bulletin

January/February 2003

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In this article, Jim Pitman puts forward the case for a completely free, open-access electronic archive of human knowledge, but first, a little history from Ingram Olkin:

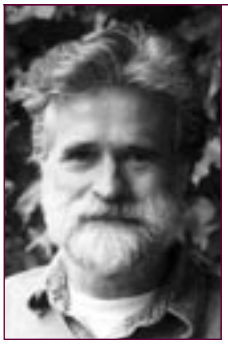
IMS Journals: A Brief History…

Ingram Olkin writes: From 1940 to the present there has been a publication explosion is almost all fields. In 1940 there were 90 psychology journals, in the 1990s there were 1150; the number of math journals increased from 90 to over 900, and biomedical journals from 2500 to over 25,000.

In the IMS, *The Annals of Mathematical Statistics* grew from 363 pages in 1930, to 1254 in 1960, and to 2109 in 1972. I was Editor at that time, and it was clear that the growth in submissions had exceeded expectations. In 1972 we split into two journals, *The Annals of Statistics* and *The Annals of Probability.* These grew from 1224 (AoS) and 1073 (AoP) in 1972 to 1795 (AoS) and 1924 (AoP) in 2000. In addition *The Annals of Applied Probability* started in 1973 with 634 pages, and grew to 1321 in 1972. Combining the three journals we now publish over 5000 pages.

It is an opportune time to think about some alternative modes of publication. The process whereby an author donates a paper to a journal, and then it is bought by libraries, requires a re-analysis of the economic consequences. Unfortunately, history has shown that societies are conservative in making innovative changes, until too late. At the very least we need to face the fact that the Internet has changed to some degree the way we use journals. Jim Pitman's proposal (below) brings to the fore a "new" (though previously discussed) approach.

An excellent analysis of the general environment of problems currently facing us is at http://firstmonday.org/issues/issue7_8/solomon/ titled 'Talking Past Each Other: Making Sense of the Debate over Electronic Publication' by David J. Solomon



IMS Journals: The Future?

Jim Pitman, of the Departments of Mathematics and Statistics at The University of California, Berkeley, writes:

It is now clear to those involved in the production of scholarly journals that the primary medium of communication is rapidly changing from paper to electronic. (See 'Not worth the paper' by Martin Rees, in *New Scientist*, 23 November 2002). It is also clear that some effort will be required to ensure that this transition is made on terms which are favorable to the academic community rather than multinational information providers. To that end, it is imperative that a digital record of as much as possible of human knowledge be securely placed in an international collection of interconnected public archives. In Two rules for scholarly communication: publish for the public, and keep the journals, (http://stat-www.berkeley.edu/users/pitman/tworules.html) I have argued that to achieve this, the value of existing public archives should be enhanced by building over them a well-

Continued on page 4

IMS Bulletin

Volume 31, Issue 6
January/February 2003
ISSN 0146-3942

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News from IMS members

The 2002 Mitchell Prize has been awarded to Jonathan K. Pritchard, Matthew Stephens & Peter Donnelly for their paper, 'Inference of Population Structure Using Multilocus Genotype Data', 2000, *Genetics*, 155: 945-959. The selection committee considered this a very innovative paper in an important area, and beautifully clear in presentation. It was unanimously voted the winner in a strong field.

The Mitchell Prize is awarded annually, under the cosponsorship of the ASA Section on Bayesian Statistical Science (SBSS), the International Society for Bayesian Analysis (ISBA), and the Mitchell Prize Founders' Committee, in recognition of an outstanding paper that describes how a Bayesian analysis has solved an important applied problem. The Prize includes an award of $1000 and a commemorative plaque.

Nominations are now sought for the 2003 Prize: further information at www.bayesian.org/awards/mitchell.html

IMS Fellow, Victor Pérez-Abreu has been re-appointed by the Board of Trustess of Centro de Investigación en Matemáticas (CIMAT) at Guanajuato, México as General Director for a second term.

IMS Website www.imstat.org gets a fresh new look

For those of you who haven't checked recently, the IMS website www.imstat.org has been completely redesigned, thanks to the new Webmaster, Arti Ishwaran, and the new Web Editor, Hemant Ishwaran. All the information from the previous website is still there, in a more accessible format. Like what you see? Feedback on the website can be sent to imswebmaster@imstat.org

Arti Ishwaran

Hemant Ishwaran

IMS News

Vote on amendments to the bylaws passed

Amendment 1 concerned Article V, Section E of the IMS Bylaws. This will now read: "Named and Special Invited Lectures. The Committee is empowered to arrange for papers of unusual interest to be given at regular meetings of the Institute by distinguished scientists. The Committee also recommends to the Council candidates for all named lectures."

Amendment 2: IMS Constitution Article VIII, Section 2. This will now read: Proposed amendments shall be submitted through the Executive Secretary, who shall submit them within 60 days to the Members of the Institute for a vote. Ballots will be counted if received within 45 days after the date of transmission by the Executive Secretary."

IMS Bylaws Article III, Section 2 will now read:

"The ballots for the Annual Election must be sent to the members at least 90 days before the first day of the next succeeding Business Meeting. In order to be counted, ballots must be received from the Members at least 45 days before the first day of the Business Meeting. The names of the nominees for the Council shall be placed on the ballot in random order.

Article VI, Section 1 will now read:

"Members shall pay dues on a calendar year basis at rates set by the Council at an Annual Meeting or by ballot. Payment of Membership dues entitles a Member to receive the full current volume of "The IMS Bulletin" and, as determined by the Council for each dues rate, the full current volume of other journal(s) published by the Institute."

Section 3 will now read:

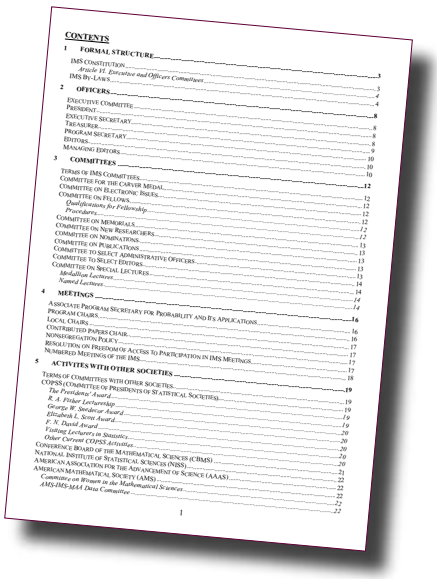
"Each year approximately ninety (90) days before the beginning of the Annual meeting for the year, but in no case earlier than the first day of March or later than the first day of July, it shall be the duty of the Treasurer to notify anyone whose dues are in arrears. If the Treasurer does not receive payment of such dues within eighty (80) days from the date of such notice, the Treasurer shall report the delinquent to the Council, who may suspend the delinquent from membership. A suspended member shall be reinstated to membership for a given calendar year if the Treasurer receives payment of dues before the end of that calendar year."

Article VII, Section 2 will now read:

"Proposed amendments shall be submitted through the Executive Secretary, who shall submit them within 60 days to the Members of the Institute for a vote. Ballots will be counted if received within 45 days after the date of transmission by the Executive Secretary."

Section 3 will now read:

"A proposed amendment shall require for its adoption a favorable vote of a majority of the Members voting."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Don't forget, you can download your own copy of the IMS Handbook from **www.imstat.org/handbook.htm**

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The Future of IMS Journals?

Continued from cover:

organized network of digital 'overlays' (http://front.math.ucdavis.edu/overlays) on the existing and rapidly expanding system of interoperable public digital repositories (see http://www.arl.org/sparc/IR/ir.html), such as the arXiv (http://arxiv.org), California Digital Library (http://cdlib.org), and Dspace (www.dspace.org). Such a network could be easily navigated for knowledge retrieval. This public knowledge network can be built, while preserving the valuable existing system of peer-reviewed scholarly journals, by two complementary strategies:

1) restructuring existing journals as electronic overlays of suitable public archives;

2) creating a new family of similarly structured electronic survey journals.

> **"On the web, to make reference without making a link is possible but ineffective—like speaking, but with a paper bag over your head"**
>
> *Tim Berners-Lee, WWW creator*

In The Mathematics Survey Proposal (http://mathsurvey.org) I indicate how the survey journals can be constructed in mathematics, starting with survey journals in probability and mathematical statistics, which I expect to be supported by various professional societies including the IMS and Bernoulli. The purpose of a survey journal is to provide an account of the current state of development of a branch of knowledge in the form of lucid, broad, expository papers, both on established subjects, and on subjects which are developing fast and hold great promise. In other words, to provide the trunks, branches and stems of the forest of knowledge whose leaves and flowers are the research journals.

For the whole system of electronic research and survey journals in a field to achieve its full potential, and convey knowledge of the field to the broad public defined by Internet access, it is essential that articles be properly linked, without interruption by gates or tolls. As remarked by Tim Berners-Lee, creator of the World Wide Web, in Links and Law: Myths at http://www.w3.org/DesignIssues/LinkMyths.html: "On the web, to make reference without making a link is possible but ineffective—like speaking but with a paper bag over your head."

Already, this problem is limiting the effectiveness of electronic communication achieved by the current IMS policy of posting electronic copies of its Annals behind gates at ProjectEuclid (http://projecteuclid.org) Compare this with commercial aggregate journal databases such as ScienceDirect (www.sciencedirect.com) where thousands of articles behind the main gate are interlinked. For scholarly societies to compete effectively with the multinational information providers in the electronic era, I believe the societies must fully embrace the new electronic paradigm of free and open publication to all with Internet access, and agressively develop the public domain of communication until that is the dominant one, and what is distributed in any other domain is of marginal importance.

I therefore propose that IMS should proceed as follows.

- fully endorse and encourage the new paradigm of Free Online Scholarship (http://www.earlham.edu/~peters/fos/)
- find an adequate platform for free electronic distribution of all its current journals, and any new electronic journals, by cooperation with a major public digital library which will take archival responsibility and offer searching and linking facilities comparable with those of commercial information providers.
- seek collaborative arrangements with universities to provide financial commitment for support of the production of such journals, where the incentive for the universities, already appreciated by most librarians and university administrators, is that if the universities do not provide such arrangements, the society journals will eventually by squeezed out by the monopolostic power of commercial information providers.
- continue with paper publication of journals only to the extent that there is demand from members and libraries, with the understanding that the quality and prestige of the journal is something independent of whether the primary medium of communication is paper or electronic.

Of course, many details remain to be considered by IMS executives in making such a major transition, which should be done only after serious deliberation. But as a small society with a large number of high quality journals, the IMS is in a position to play a leadership role in reversing the current trend toward privatization of the digital representation of knowledge, and its members should support its executives in doing so.

Jim's article is (of course) available electronically. The address is:
http://stat-www.berkeley.edu/users/pitman/imsbull.html
Got something to say about this? Send in your letters to **bulletin@imstat.org**

The Institute of Mathematical Statistics presents

The Sixth North American

NEW RESEARCHERS CONFERENCE

University of California

Davis, California

July 29 to August 1, 2003

Conference Objective:

To promote interaction among new researchers by introducing them to each other's research in an informal setting.

Participants:

Anyone who has received their PhD since 1998 or expects to receive a PhD by 2004 is eligible to attend. All participants expected to present a short, expository talk or poster on their research.

Abstract Deadline: February 1, 2003

For more information:

check out
http://rohan.sdsu.edu/~ralevine/NRC

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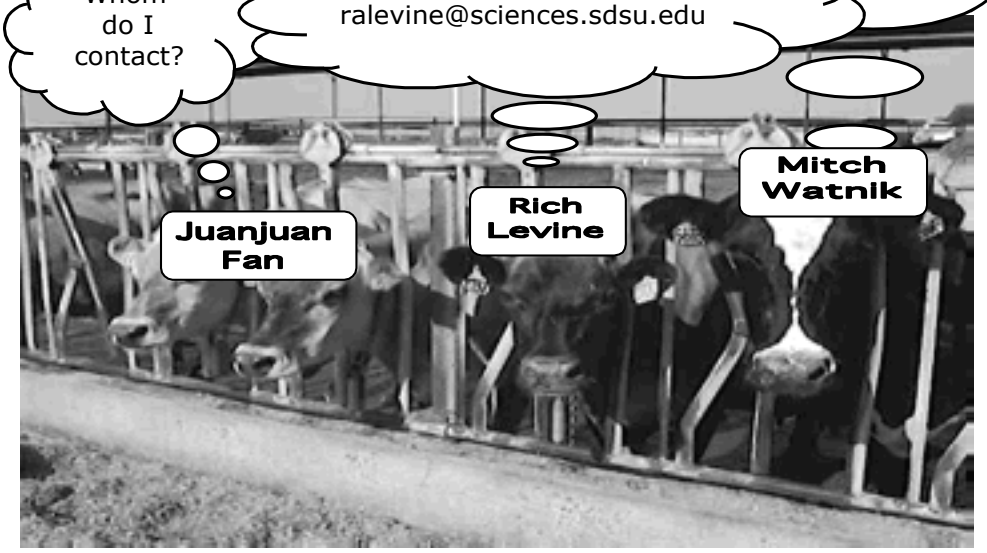

Letter to the Editor

Letters on any issue of interest to IMS members are welcome. Email your letters to the Editor at bulletin@imstat.org. The Editor's decision about whether to publish letters is final. Letters are submitted on the understanding that they may be edited before publication.

Grace Yang writes about IMS being well-represented in National Medal of Science awards:

Dear Editor:

It is exciting to learn that Professor C. R. Rao received the National Medal of Science in 2002 [*see cover article, July/August 2002 issue of the IMS Bulletin*]. My heartiest congratulations to Professor Rao on his receiving this supreme award. Thanks to him who brought more outside recognition to the importance of our field. Looking at the photo of Professor Rao with President Bush evokes my memory of Professor J. Neyman's visit to Washington in 1968. This was not one of his usual visits "to shop for money" as he liked to put it. Neyman came to town to receive the National Medal of Science from President Lyndon Johnson. We went to the Cosmos's club, where he stayed, to congratulate him. Among the well-wishers was the Polish ambassador to Washington. Neyman did not remember the ambassador, but he reminded Neyman that he used to work for Neyman on survey sampling in Poland.

Professor J Neyman receiving the National Medal of Science award from President Lyndon Johnson, in 1968.

The National Medal of Science award was established by the U.S. Congress in 1959 as a Presidential award. Since its establishment, six statisticians and/or probabilists have received the award:

J. Neyman (the year of the medal, 1968, IMS President 1949); W. Feller (1969, IMS President 1947); J. Tukey (1973, IMS President 1960); J. Doob (1979, IMS President 1950); S. Karlin (1989); and C. R. Rao (2002, IMS President 1977) IMS is doing very well!

Sincerely,
Grace L. Yang
Department of Mathematics,
University of Maryland

IMS Welcomes New Editors

Several of the IMS publications have new editors:
Robert Adler: *Annals of Applied Probability*
Steve Lalley: *Annals of Probability*
Martin Barlow: *Electronic Communications in Probability*
Ted Cox: *Electronic Journal of Probability*
Zhen-Qing Chen: Managing Editor, *EJP/ECP*
Hemant Ishwaran: Web (see page 2)
All the Editors' terms begin 1/1/2003 and end 12/31/2005. Welcome to them all!

Past IMS Bulletin Editors

Leo Katz (1972-74)
Dorian Feldman (1975-80)
William C Guenther (1981-86)
George P H Styan (1987-92)
Susan R Wilson (1992-97)
Dipak K Dey (1998-2001)

Voting, Elections, and *Statistical Science*

George Casella (left), the Editor of *Statistical Science*, and Jeff Gill, Guest Editor, write:

The November 2002 issue of *Statistical Science* is a special issue about elections, looking at fundamental principles and recent research in the quantitative analysis of voting in elections for political office around the world. This is a very dynamic area of research that lies at the intersection of two disciplines: statistics and political science. Therefore, the articles here are written by a mixture of scholars from both backgrounds.

This issue begins with a general introduction to voting theory by Jeff Gill and Jason Gainous, which describes work on the rationality and reasonability of voting in prescribed ways, and the means by which votes are aggregated. This article reviews these ideas and provides a general background for the rest of the issue.

The topic of voting is further explored by Andrew Gelman, Jonathan Katz and Francis Tuerlinckx, who look at weighted and two-stage voting systems with an interest in voting power. This is the probability that a voter or group of voters play a decisive role in the outcome of an election.

In the next article Kevin Quinn and Andrew Martin look at a second order objective that occurs in systems with proportional representation. These systems give political parties seats in legislatures based on their total percentage of the vote. They develop and illustrate their ideas using data from the 1989 Dutch elections.

The 2000 USA Presidential election in Florida generated considerable interest in both the mechanics and the empirics of voting in the United States, and is partially the reason why this issue of *Statistical Science* came to be. Apparently, Florida represents a special case in American politics because it is a state that is almost equally divided in terms of partisanship, and is big enough to matter considerably in national elections.

Alan Agresti and Brett Presnell provide the background to place the 2000 contest in context as a data-analytic problem, introducing Richard Smith's article focusing on Pat Buchanan's unusual showing in Palm Beach county. This Florida county is in a liberal-leaning, upper-middle class region with a considerable number of northeastern retirees, so a far-right conservative candidate should not do well. As Smith explains, the Buchanan vote is certainly anomalously large.

The goal of the elections issue of *Statistical Science* is to advance overall knowledge and understanding of this interesting social phenomenon, as well as to call attention to a challenging set of problems for statisticians and political scientists.

2002 Survey of Mathematical Sciences Reports published

First 2002 Report gives employment status and salary data

Don Loftsgaarden writes: An annual survey of departments of mathematical sciences in the U.S. was started by the American Mathematical Society (AMS) in 1957 and has been done every year since then. Over time, the Mathematical Association of America (MAA), the Institute of Mathematical Statistics (IMS), and the American Statistical Association (ASA) have become sponsors of the Survey. The survey is conducted at the AMS with guidance from the AMS-ASA-IMS-MAA Data Committee.

2002 Annual Survey of the Mathematical Sciences SPONSORED BY AMS ASA IMS MAA

Results from the surveys for each academic year are published in a series of three reports in the February, August, and September issues of *Notices of the AMS*. These reports are also available on the AMS website at www.ams.org/employment/surveyreports.html along with several earlier reports.

Among the surveyed are 55 statistics departments and 31 biostatistics or biometrics departments that grant doctoral degrees. Results for this "statistics group" are given separately. The 2002 First Report has recently been published and a brief summary follows.

2002 Annual Survey of the Mathematical Sciences (First Report) by Don O. Loftsgaarden, James W. Maxwell, and Kinda Remick Priestley, *Notices of the AMS,* Volume 50, issue 2, pages 238-253. This report gives information about the employment status of 2001-2002 new doctoral recipients from U.S. departments in the mathematical sciences. It also gives salary data for tenured and tenure-track faculty in U.S. departments of mathematical sciences in 4-year colleges and universities. These salary data are given for several different types of departments and they are broken down by rank as well.

SPRINGER FOR STATISTICS

Applied Functional Data Analysis
Methods and Case Studies

J.O. RAMSEY, *McGill University, Montreal, Canada; and*
B.W. SILVERMAN, *University of Bristol, UK*

What do juggling, old bones, criminal careers and human growth patterns have in common? They all give rise to functional data that come in the form of curves or functions rather than the numbers, or vectors of numbers, that are considered in conventional statistics. The authors' highly acclaimed book *Functional Data Analysis* (1997) presented a thematic approach to the statistical analysis of such data. By contrast, the present book introduces and explores the ideas of functional data analysis by the consideration of a number of case studies, many of them presented for the first time. The two books are complementary but neither is a prerequisite for the other. The case studies are accessible to research workers in a wide range of disciplines.

2002/200 PP./SOFTCOVER/$39.95
ISBN 0-387-95414-7
SPRINGER SERIES IN STATISTICS

Smoothing Spline ANOVA Models

CHONG GU, *Purdue University, West Lafayette, IN*

Smoothing spline ANOVA models are a versatile family of smoothing methods derived through roughness penalties that are suitable for both univariate and multivariate problems. In this book, the author presents a comprehensive treatment of penalty smoothing under a unified framework. Methods are developed for regression with Gaussian and non-Gaussian responses as well as with censored lifetime data; density and conditional density estimation under a variety of sampling schemes; and hazard rate estimation with censored lifetime data and covariates. The unifying themes are the general penalized likelihood method and the construction of multivariate models with built-in ANOVA decompositions. Most of the computational and data analytical tools discussed in the book are implemented in R.

2002/320 PP., 42 ILLUS./HARDCOVER/$79.95
ISBN 0-387-95353-1
SPRINGER SERIES IN STATISTICS

A Distribution-Free Theory of Nonparametric Regression

L. GYÖRFI, *Technical University of Budapest, Hungary;*
M. KOHLER, *University of Stuttgart, Germany;*
A. KRZYŻAK, *Concordia University, Montreal, Canada; and* **H. WALK,** *University of Stuttgart, Germany*

This book provides a systematic in-depth analysis of nonparametric regression with random design. It covers almost all known estimates such as classical local averaging estimates including kernel, partitioning and nearest neighbor estimates, least squares estimates using splines, neural networks and radial basis function networks, penalized least squares estimates, local polynomial kernel estimates, and orthogonal series estimates. The emphasis is on distribution-free properties of the estimates. Most consistency results are valid for all distributions of the data. Whenever it is not possible to derive distribution-free results, as in the case of the rates of convergence, the emphasis is on results that require as few constraints on distributions as possible, on distribution-free inequalities, and on adaptation. The relevant mathematical theory is systematically developed and requires only a basic knowledge of probability theory.

2002/656 PP./HARDCOVER/$89.95
ISBN 0-387-95441-4
SPRINGER SERIES IN STATISTICS

Principal Component Analysis
SECOND EDITION

I.T. JOLLIFFE, *University of Aberdeen, UK*

Principal component analysis is central to the study of multivariate data. Although one of the earliest multivariate techniques, it continues to be the subject of much research, ranging from new model-based approaches to algorithmic ideas from neural networks. The first edition of this book was the first comprehensive text written solely on principal component analysis. The second edition updates and substantially expands the original version, and is once again the definitive text on the subject. It includes core material, current research and a wide range of applications. Its length is nearly double that of the first edition.

2003/502 PP., 28 ILLUS./HARDCOVER/$89.95
ISBN 0-387-95442-2
SPRINGER SERIES IN STATISTICS

Observational Studies
SECOND EDITION

P.R. ROSENBAUM, *University of Pennsylvania, Philadelphia, PA*

The second edition is about 50 percent longer than the first edition, with many new examples and methods. There are new chapters on nonadditive models for treatment effects and planning observational studies, and the chapter on coherence has been extensively rewritten.

2002/248 PP., 13 ILLUS./HARDCOVER/$79.95
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SPRINGER SERIES IN STATISTICS

Growth Curve Models and Statistical Diagnostics

J-X. PAN, *Keele University, Staffordshire, UK; and*
K-T. FANG, *Hong Kong Baptist University, Kowloon Tong, Hong Kong*

This book provides a comprehensive introduction to the theory of growth curve models with an emphasis on statistical diagnostics. A variety of issues on model fittings and model diagnostics are addressed, and many criteria for outlier detection and influential observation identification are created within likelihood and Bayesian frameworks. This book is intended for postgraduates and statisticians whose research involves longitudinal study, multivariate analysis and statistical diagnostics, and also for scientists who analyze longitudinal data and repeated measures. The authors provide theoretical details on the model fittings and also emphasize the application of growth curve models to practical data analysis, which are reflected in the analysis of practical examples given in each chapter.

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1/03 PROMOTION #: S5424

SAMSI Announces 2003-04 Programs

The Statistical and Applied Mathematical Sciences Institute will conduct three research programs during the 2003-2004 academic year:

I. Network Modeling for the Internet will take place in Fall, 2003, with the opening tutorials and workshop scheduled for September 17-20, 2003. The program will focus on modelling and measurement issues driven by the continuing need for improved Quality of Service, and on internet tomography. Research will be catalyzed in these areas through the creation of new collaborations between statisticians; applied probabilists studying heavy traffic queueing theory and fluid flow models; and internet traffic measurers, modelers, and architects. For more information, see www.samsi.info/internet-home.html, or contact the program leaders by e-mail at internet@samsi.info

II. Data Mining and Machine Learning is a program that will be held during the entire year, with the opening tutorials and workshop scheduled for September 6-10, 2003. The program has, as its target, to advance understanding of fundamental statistical and computational issues in data mining, machine learning and large (sample size or dimension) data sets. In the process, it will articulate future research needs for Data Mining and Machine Learning, especially from the perspective of the statistical sciences, and to catalyze the formation of collaborations among statistical, mathematical and computer scientists to pursue the research agenda. For more information, see www.samsi.info/dmml-home.html, or contact the program leaders by e-mail at dmml@samsi.info.

III. Multiscale Model Development and Control Design will be take place in Spring, 2004, with the opening tutorials and workshop scheduled for January 17-21, 2004. The program will focus on the development of nano, micro and mesoscale modeling methodologies, deterministic and statistical homogenization techniques for macroscopic model construction, reduced-order techniques for real-time implementation of system models, and commensurate robust control designs for advanced material architectures.

The program will bring together applied mathematicians, statisticians, numerical analysts, material scientists, control theorists, physicists and engineers to define research directions and foster investigations in this highly interdisciplinary field. For more information, see www.samsi.info/multiscale-home.html, or contact the program leaders by email at multi@samsi.info.

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There are numerous opportunities for participation by society members in these SAMSI programs. Visiting young and senior researchers will be resident at SAMSI for periods of one month to one year. Several postdoctoral positions will be funded for each SAMSI program. Special programs exist for graduate and upper level undergraduate students to initiate their involvement in cross-disciplinary and team research.

Workshops will enable many others to join in the effort. Every SAMSI program will have at least an opening and a closing workshop, allowing for broad participation of individuals who cannot spend part of the year at SAMSI. New researchers and members of underrepresented groups are especially encouraged to participate in SAMSI workshops and programs.

SAMSI (www.samsi.info), located in Research Triangle Park in North Carolina, is a partnership between the National Science Foundation and the consortium of Duke University, North Carolina State University, the University of North Carolina at Chapel Hill, and the National Institute of Statistical Sciences. SAMSI is forging a new synthesis of the statistical sciences and the applied mathematical sciences with disciplinary science to confront the very hardest and most important data- and model-driven scientific challenges.

Highly Cited Statisticians

Thirteen of the top fifteen highly cited authors over the past decade in the whole field of mathematics work in statistics or biostatistics, according to a report published in *ScienceWatch* (Thompson ISI, Philadelphia, Vol 13 No 3), and most of them are IMS members or Fellows. The IMS journal *Annals of Statistics* is the fourth most highly cited journal over the same period.

A fuller analysis of the citations lists will appear in a future issue.

IMS Meetings around the world

Sponsored/Numbered Meeting (280)

ENAR/IMS Eastern Regional

March 30-April 2, 2003, Tampa, Florida

Details: www.enar.org

The IMS Eastern Regional meeting will be held jointly with the Spring Meeting of the International Biometric Society Eastern North American Region (ENAR) and sections of the American Statistical Association (ASA) on March 30–April 2, 2003 in Tampa, Florida at the Tampa Marriott Waterside Hotel.

As part of Florida's beautiful west coast, Tampa Bay's location makes it easy to get to the Gulf beaches and all attractions throughout central Florida, including Orlando which is located just 84 miles east of Tampa Bay. The climate in late March will be sunny and warm, with cool evening temperatures in the 70s. From the distinct Latin roots of Tampa's historic Ybor City to the Greek history of Tarpon Springs, visitors have plenty of exciting attractions and fascinating communities to explore. For detailed information on all that Tampa has to offer, visit their website: http://www.visittampabay.com.

IMS Program Chair: Daniel Scharfstein, Department of Biostatistics, Johns Hopkins University, Baltimore, MD;
e dscharf@jhsph.edu,
t 410-944-2420,
f 410-955-0948.

IMS Contributed Papers Coordinator: Karl Broman, Department of Biostatistics, Johns Hopkins University, Baltimore, MD;
e kbroman@jhsph.edu,
t 410-614-9408
f 410-955-0958.

ENAR Program Chair: ENAR Program Chair: Oliver Schabenberger, SAS Institute Inc., Cary, NC, 27513;
e oliver.schabenberger@sas.com,
t 919-531-0616,
f 919-677-4444.

ENAR Local Arrangements Chair: Alan Cantor, University of South Florida, Moffitt Cancer Center, Tampa, FL;
e abcantor@moffitt.usf.edu,
t 813-632-1327,
f 813-632-1334.

IMS SPECIAL INVITED PAPER SESSIONS (MEDALLION LECTURES):

Session 1: Applications of High-Dimensional Data Analyses to Microarray Data

Organizer: Rafael Irizarry, Johns Hopkins U. Speakers: 1. Ker-Chau Li, UC Los Angeles (Medallion Lecturer); Title: Microarray Gene Expression Profiling: An Ideal Platform for High-Dimensional Data Analysis. 2. J.S. Marron, U of North Carolina (Medallion Lecturer) Title: Distance Weighted Discrimination, Discussant: Dennis Cook, U of Minnesota

Session 2: Functional Analysis of Longitudinal Data

Organizer: Jane-Ling Wang, UC Davis. Introduction: Xihong Lin, U of Michigan. Speakers: 1. John Rice (Medallion Lecturer), UC Berkeley Title: Borrowing Strength in the Analysis of Longitudinal and Functional Data 2. Naisyin Wang, Texas A&M. Title: Marginal Non- and Semiparametric Kernel Regression For Longitudinal Data. Discussant: Jane-Ling Wang, UC Davis

IMS INVITED PAPER SESSIONS:

Session 3: Genome-Scale Biology: Statistical challenges and Solutions

Organizer: Jenny Bryan, U of British Columbia. Speakers: 1. Mark van der Laan, UC Berkeley. Title: Statistical Inference with Microarray Data. 2. Ingo Ruczinski, Johns Hopkins U, Title: Statistical Challenges in SNP Data Analysis. 3. Jenny Bryan, U of British Columbia, Title: Tag-Based Methods of Detecting Gene Expression: Addressing Sampling Error and Bias

Session 4: Innovative Approaches and Challenges in the Analysis of Recurrent Failure Time Data

Organizer: Debashis Ghosh, U of Michigan Speakers: 1. Rob Strawderman, Cornell U, Title: Non-parametric Estimation for Recurrent Event Data. 2. Ying Zhang, U of Central Florida, Title: The Gamma Frailty Model for Panel Count Data. 3. Dave Glidden, UC San Francisco, Title: Robust Inference for Event Probabilities with Non-Markov Event Data. 4. Jerry Lawless, U of Waterloo, Title: Evaluation of Treatments with Recurrent Event Data.

Session 5: Recent Developments in Clustering and Mixtures with Application to Spatial Models and Image Analysis

Organizer: Ramani S. Pilla, Case Western Reserve U. Speakers: 1. David W. Scott, Rice U. Title: Partial Mixture Estimation With Application To Clustering. 2. Hemant Ishwaran, Cleveland Clinic Foundation. Title: Bayes Computations for Poisson and Marked Spatial Processes. 3. Yehuda Vardi, Rutgers U. Title: Robust Clustering Methods and Visualization Based on Data Depth. 4. Carey E. Priebe, Johns Hopkins U. Title: Segmenting Magnetic Resonance Images via Hierarchical Mixture Modelling

Session 6: Causal Inference at the Biostatistics-Econometrics Interface

Organizer and Chair: Joe Hogan, Brown U Speakers: 1. Constantine Frangakis, Johns Hopkins U. Title: Methodology for Evaluating a Partially Controlled Longitudinal Treatment Using Principal Stratification, with Application to a Needle Exchange Program. 2. Karsten Hansen, Northwestern U. Title: Dynamic Treatment Models. Discussants: Rod Little, U of Michigan, Tony Lancaster, Brown U. Panel Discussion: Joe Hogan (Moderator), Brown U

Session 7: Recent Developments in Bayesian Non/Semi-parametrics

Organizer: Lancelot James, Hong Kong U of Science and Technology. Speakers: 1. Lancelot James, Hong Kong U of Science and Technology. Title: Spatial Neutral to the Right Processes. 2. R.V. Ramamoorthi, Michigan State U. Title: Posterior Consistency for Regression Problems. 3. James O. Berger, Duke U. Title: Recent Developments in Objective Bayesian Model Selection

Session 8: Multi-stage Decisons and Dynamic Treatment Regimes

Organizer: Tom Ten-Have, U of Pennsylvania. Speakers: 1. Jamie Robins, Harvard U. Title: Issues in the Estimation of Optimal Treatment Regimes. 2. Philip Lavori, Stanford U. Title: Comparison of Designs for Adaptive Treatment Strategies: Baseline vs. Adaptive Randomization. 3. Peter Mueller, U of Texas. Title: Simulation-Based Sequential Bayesian Design. Discussant: Susan Murphy, U of Michigan

IMS Invited Paper Session @ International Statistical Institute, 54th Biennial Session:

The Analysis of Gene Expression Data, August 13-20, 2003, Berlin

IMS Organizer: Mike West, Duke U, mw@stat.duke.edu (speakers are Rainer Spang, Sandrine Dudoit and Mike West). ISI website: www.isi-2003.de

First IMS-ISBA Joint Meeting: 24-27 July 2003

The first joint statistical meeting of IMS and ISBA (the International Society for Bayesian Analysis) will be held in Isla Verde (San Juan, Puerto Rico, USA) on **July 24-27, 2003**. The meeting will evolve around three main topics of interest to both IMS and ISBA members: Causal-Graphical Modeling; Spatial Statistics and Analysis of Extremes. The format of the meeting includes overview lectures in the topics, invited talks, and poster sessions.

The program Committee is: M.J. Bayarri (Chair, Universidad de Valencia), J. Berger (Duke University), A. Carriquiry (Iowa State Univerisity), S. Murphy (University of Michigan), L. Pericchi (Universidad de Puerto Rico), L. Wasserman (Carnegie Mellon University).

The Overview Plenary Speakers are: Stephen Lauritzen (Causal-Graphical Modeling), Peter Green (Spatial Statistics) and Richard Smith (Analysis of Extremes).

For more details, please visit www.cnnet.clu.edu/math/ims-isba-pr2003

JSM 2003: August 3-7, San Francisco

Topic Contributed Paper Sessions at the Joint Statistical Meetings 2003, San Francisco

In addition to the usual Contributed Paper Sessions the JSM 2003 also provide Topic Contributed Paper Sessions. The idea is to organize contributed paper sessions on specific topics of interest. These sessions might be more focused with an intense discussion, as compared to the usual contributed sessions with more or less related talks. We encourage participants of the JSM 2003 to organize such Topic Contributed Paper Sessions. In order to do so, one should:

Send the proposed session topic with a brief description to Lutz Duembgen duembgen @stat.unibe.ch and copy to Jane-Ling Wang wang@wald.ucdavis.edu. The proposal should contain the following information:

(a) A short description of the session including the proposed session title and a brief session summary,

(b) Name and contact information (affiliation, mailing address, telephone number, fax number, e-mail address) for the session organizer and chair.

(c) Name and contacting information (affiliation, mailing address, telephone number, fax number, e-mail address) of five presenters (four speakers plus one discussant, or five speakers) who would like to present a contributed talk on the given topic. (A full session takes 110 minutes, and at least 10 minutes should be reserved for a floor discussion.)

(d) Titles and authors of the papers to be presented.

After the session has been approved, please make sure that all speakers submit their paper abstracts to the JSM 2003 website:

http://www.amstat.org/meetings/jsm/2003/index.cfm?fuseaction=abstracts

The definite deadline for all this is February 1, 2003.

Jane-Ling Wang and Lutz Duembgen (IMS program chair and contributed papers chair)

IMS Sponsored Mini-Meeting:

Statistics for Mathematical and Computational Finance
May 3, 2003
U of Connecticut, Storrs, CT

The Department of Statistics at the University of Connecticut will host an IMS Mini-Meeting on Statistics and Finance on May 3, 2003 in Storrs, Connecticut. This meeting is designed to bring about interaction between statistics, probability, econometrics and finance. In financial modeling and asset pricing, complex stochastic models are widely employed, and cutting-edge statistical methods are being used for inferences and computations. Its major purpose is to stimulate discussions and exchange of ideas among participants in these different disciplines, and to identify the latest developments. In addition to invited presentations, the meeting will include a contributed poster session. For more information visit http: //www.stat.uconn.edu/~yzwang/IMSfinance

Co-Sponsored Meeting:

Seminar on Stochastic Processes 2003
March 27-29, 2003
University of Washington, Seattle

IMS Representative: Chris Burdzy, burdzy@math.washington.edu; www.math. washington.edu/~burdzy/ SSP2003/

This annual series of seminars was created in 1981 by K.L. Chung, E. Çinlar, and R.K. Getoor to provide a forum for exchange of ideas at the frontiers of probability, giving an overview of recent significant and exciting research results, and enabling participants to discuss their work in an informal atmosphere.

There will be five invited plenary talks given by: Ioannis Karatzas (Columbia U), Wenbo Li (U of Delaware), Russ Lyons (Indiana U and Georgia Tech), Carl Mueller (U of Rochester) and Balint Toth (Budapest U of Technology and Economics).

Spring and Summer Research Conferences:

2003 Spring Research Conference on Statistics in Industry and Technology
June 4-6, 2003, Dayton, Ohio
http://www.stat.uiowa.edu/SRC2003/

The SRC is the premier research conference for statistics in industry and technology. The program for the 2003 conference will feature a keynote address by Friedrich W. Scholz, Technical Fellow at Boeing Company; and plenary talks, invited sessions, and contributed sessions on key and emerging areas. Suggestions on topics and speakers are welcome.

Contributed-paper submissions from new researchers and graduate students are especially encouraged. There will be several student scholarships available, so please apply! (Details on the website above)

Sponsors: The SRC is a joint venture of the Institute of Mathematical Statistics and the Section on Physical and Engineering Sciences of the American Statistical Association.

Contacts: src2003@stat.uiowa.edu

Invited Program: Russell V. Lenth, The University of Iowa, 319/335-0814, russell-lenth@uiowa.edu

Contributed Program: William A. Brenneman, Procter and Gamble, 513/622-3195, brenneman.wa@pg.com

Local Arrangements: Peter W. Hovey, The University of Dayton, 937/229/2964, peter.hovey@notes.udayton.edu

All meetings are listed in *The International Calendar of Statistical Events*

2003 Joint Summer Research Conferences
June 8-July 24, 2003
Snowbird, Utah
http://www.ams.org/meetings/src03.html

The American Mathematical Society (AMS), the Institute of Mathematical Statistics (IMS), and the Society for Industrial and Applied Mathematics (SIAM) have jointly sponsored Summer Research Conferences for twenty years. This year's SRC is in the breathtaking mountain setting, of Snowbird Resort in Utah, 30 minutes from the University of Utah, and easily accessible from Salt Lake City International Airport. For more information about Snowbird Resort, see www.snowbird.com.

The atmosphere at SRC is comparable to the collegial gatherings at Oberwolfach and other conferences that combine peaceful natural ambience with stimulating meetings.

Summer Research Conferences participants have access to a range of activities such as a tram ride to the top of the mountain, guided hikes, swimming, mountain bike tours, rock climbing, plus heated outdoor pools. More than a dozen walking and hiking trails head deep in the surrounding mountains. Participants also enjoy the simpler pleasures of convening on the patios at the resort to read, work, and socialize. In the evenings colleagues enjoy informal gatherings to network and continue discussion of the day's sessions over refreshments.

How to Apply to Participate

It is anticipated that the conferences will be partially funded by a grant from the National Science Foundation and perhaps others. Special encouragement is extended to junior scientists to apply. A special pool of funds expected from grant agencies has been earmarked for this group. Other participants who wish to apply for support funds should so indicate; however, available funds are limited, and individuals who can obtain support from other sources are encouraged to do so.

All persons who are interested in participating in one of the conferences should request an invitation by sending the information listed on www.ams.org/meetings/src03.html to Summer Research Conferences Coordinator, AMS, P. O. Box 6887, Providence, RI 02940; or by email to wsd@ams.org no later than March 3, 2003.

Summer in Snowbird, Utah

Image: http://summer.snowbird.com/

NISS

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Affiliates Programs

NISS recognizes with gratitude the continuing and new members of the NISS Affiliates Program and NISS/SAMSI University Affiliates Program.

The programs conduct activities and services encompassing research, human resources, education, dissemination and the formation of relationships that deliver high value to the affiliates and support the NISS mission to identify, foster and catalyze high-impact cross-disciplinary research involving the statistical sciences.

Events planned for 2003 include Technology Days on Proteomics, Internet Tomography and Data Mining and Machine Learning, as well as eight workshops sponsored by NISS' sister institute—the Statistical and Applied Mathematical Sciences Institute (SAMSI). Program membership benefits include Affiliates Reimbursement Accounts that support participation in NISS and SAMSI events, the NISS Affiliates Internship Program—a graduate student summer internship program involving all affiliates, and the Affiliates Job Listings, which serve as a portal to challenging employment opportunities at all affiliates. Ongoing human resource activities include a joint postdoctoral program between NISS and our Federal agency affiliates and increasing opportunities for involvement in NISS–Affiliate research.

For additional information about the program, contact NISS by telephone at 919-685-9300, by E-mail at affiliatesinfo@niss.org, or visit the affiliates Web page

www.niss.org/affiliates/affiliatesmain.html

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Bureau of Labor Statistics
Bureau of Transportation Statistics
US Census Bureau
US Environmental Protection Agency
Los Alamos National Laboratory
National Agricultural Statistics Service
National Center for Education Statistics
National Center for Health Statistics
National Institute of Standards and Technology
National Security Agency
Pacific Northwest National Laboratory

NISS/SAMSI University Affiliates

American (Mathematics & Statistics)
Carnegie Mellon (Statistics)
Duke (Statistics and Decision Sciences)
Emory (Biostatistics)
Georgia (Statistics)
Iowa (Statistics)
Iowa State (Statistics)
Johns Hopkins (Mathematical Sciences)
Maryland College Park (Mathematics)
Maryland Baltimore County (Mathematics & Statistics)
Michigan (Statistics; Biostatistics)
Minnesota (Biostatistics)
Missouri–Columbia (Statistics)
North Carolina State (Statistics)
North Carolina at Chapel Hill (Biostatistics)
North Carolina at Chapel Hill (Statistics)
Oakland (Mathematics & Statistics)
Ohio State (Statistics)
Pennsylvania State (Statistics)
Pennsylvania (Statistics)
Purdue (Statistics)
Southern Methodist (Statistical Science)
Stanford (Statistics)
Texas A&M (Statistics)
UCLA (Statistics; Statistical Consulting Center)
Western Michigan (Statistics)

Other Meetings Around the World: Announcements and Calls for Papers

The Seventeenth New England Statistics Symposium
April 26, 2003; Storrs, Connecticut

The Department of Statistics of the University of Connecticut will host The Seventeenth New England Statistics Symposium on Saturday, April 26, 2003, at Storrs, Connecticut, to bring together statisticians from all over New England at a central location. Invited keynote speakers are Xiao-Li Meng of the Harvard University and Mike Steele of the University of Pennsylvania. There will be several arranged special theme sessions. In addition, there will be contributed paper sessions, allowing 15 to 20 minutes per paper. We invite talks on all aspects of statistics and probability.

For further information please contact Dipak K. Dey (dey@stat.uconn.edu), NESS, Department of Statistics, University of Connecticut, 215 Glenbrook Road, U-4120, Storrs, CT 06269-4120, telephone (860) 486-3414, FAX: (860) 486- 4113. You can also register on-line at www.stat.uconn.edu/news/2003/ness1.html. If you plan to give a talk, provide title and abstract by email or regular mail.

18th International Workshop on Statistical Modelling
7-11 July 2003, Diepenbeek, Belgium

The 18th International Workshop on Statistical Modelling will be hosted by the Biostatistical Centre of the Katholieke Universiteit Leuven, Belgium and co-organized by the Center for Statistics of the Limburgs Universitair Centrum, Diepenbeek, Belgium from Monday 7 to Friday 11 July 2003. Chair of the Scientific Programme: Geert Verbeke (Katholieke Universiteit Leuven). Local Organising Committee: Marc Aerts, Geert Molenberghs, Geert Verbeke. Confirmed invited speakers are Ron Brookmeyer (The Johns Hopkins University, U.S.A.), Marie Davidian (North Carolina State University, U.S.A.), Anastasios Tsiatis (North Carolina State University, U.S.A.), and Henry Wynn (The University of Warwick, U.K.).

The deadline for submission of papers and posters is Friday January 31, 2003.

Conference website: http://www.luc.ac.be/censtat/IWSM2003

E-mail: jeannine.rongy@med.kuleuven.ac.be

Bernoulli Society East Asian and Pacific Regional (EAPR) Conference 2003
10-12 July 2003, Hong Kong

The Bernoulli Society East Asian and Pacific Regional (EAPR) Conference 2003 will be held at The Hong Kong University of Science and Technology (HKUST) on 10-12 July 2003. The conference is organized by HKUST under the auspices of the East Asian and Pacific Regional Committee of the Bernoulli Society.

Keynote speakers are David Aldous, Friedrich Gotze, Zhi-ming Ma, Wing Hung Wong and C. F. Jeff Wu.

Authors are now invited to submit contributed papers through email to eapr2003@ust.hk in either Latex or Microsoft Word formats. The deadline of the submission is 31 March 2003. For more information about the EAPR conference, please visit www.bm.ust.hk/~eapr2003

RSS2003: Theme Conference of the Royal Statistical Society:
Statistical Genetics and Bioinformatics
14-17 July, 2003, Leuven, Belgium

The theme conference of the Royal Statistical Society in 2003 will be hosted by the Center for Statistics at the Limburgs Universitair Centrum, Hasselt-Diepenbeek, Belgium and is co-organized by the Biostatistical Centre of the Katholieke Universiteit Leuven, Belgium, from Monday 14 to Thursday 17 July 2003. Chair of the Scientific Programme: Terry Speed (University of California at Berkeley). Local Organising Committee: Marc Aerts, Geert Molenberghs, Geert Verbeke.

The deadline for submission of papers and posters is Friday January 31, 2003.

Conference website: http://www.luc.ac.be/censtat/RSS2003

E-mail: martine.machiels@luc.ac.be

Third Workshop on BAYESIAN INFERENCE IN STOCHASTIC PROCESSES (BISP03)
Hotel Sol Galúa, La Manga, Spain, 15-17 May 2003

Web page: http://www.upct.es/bisp03/

Contact: Juan Antonio Cano Sánchez bisp03@upct.es or Fabrizio Ruggeri fabrizio@iami.mi.cnr.it

3rd International Symposium on Imprecise Probabilities and Their Applications (ISIPTA '03)
University of Lugano, Lugano, Switzerland, 14-17 July 2003

Web page: http://www.sipta.org/~isipta03/

Contact: Marco Zaffalon zaffalon@idsia.ch

Program on Stein's Method and Applications: A program in honor of Charles Stein
July 28 – August 31, 2003
Institute for Mathematical Sciences, National University of Singapore

Organizers: Co-chairs: Andrew Barbour (University of Zürich) and Louis Chen (National University of Singapore); Members: Kwok-Pui Choi (National University of Singapore), Persi Diaconis (Stanford University), Larry Goldstein (University of Southern California), and Yosef Rinott (Hebrew University of Jerusalem)
Website: More information is available at http://www.ims.nus.edu.sg/Programs/stein/index.htm

Workshop on statistical modelling for complex data
31 March - 2 April 2003, Limburgs Universitair Centrum, Belgium

Contact: Martine.Machiels@luc.ac.be
w: www.luc.ac.be/censtat t: +32 11 268205
f: +32 11 268299

Intenational Conference on Correspondence Analysis and Related Methods - CARME 2003
June 29 - July 2, 2003. Barcelona, Spain

Principal Organizer: Michael Greenacre, michael@upf.es
Web site: http://www.econ.upf.es/carme/

2003 Hawaii International Conference on Statistics and Related Fields
June 5-8, 2003, Sheraton Waikiki, Honolulu, Hawaii, USA

Key Speaker: Professor Bradley Efron of Stanford University
Website: http://www.hicstatistics.org

PURDUE UNIVERSITY

7th Purdue International Symposium on Statistics
19-24 June 2003, West Lafayette, Indiana
Information and Call for Papers for the Components of the Symposium:

Workshop A Bioinformatics and Microarrays (19-20 June)

Conference Statistical Decision Theory and Related Topics (21-22 June)

Workshop B Multiple Comparisons and Mixture Models for Large Data Sets (23-24 June)

Workshop C Statistical Consultancy (23-24 June)

Both the main conference and the three workshops will have several sessions for contributed papers and posters.

Please send your abstracts for Workshop A to Professor Rebecca Doerge (doerge@stat.purdue.edu), for Workshop B to Professor Michael Zhu (yuzhu@stat.purdue.edu), and for Workshop C to Professor Bruce Craig (bacraig@stat.purdue.edu). Abstracts for the Conference may be sent to Ms. Teena Seele (seele@stat.purdue.edu).

Information about registration and accommodation will soon be available at the website for the symposium (http://www.stat.purdue.edu/Symp7/). Any request for further information may be sent to Norma Lucas (main conference, nlucas@stat.purdue.edu), Rebecca Doerge (Workshop A), Michael Zhu (Workshop B) and Bruce Craig (Workshop C).

Program on Statistical Methods in Microarray Analysis
June 1–30, 2003
Institute for Mathematical Sciences, National University of Singapore

Organizers: Chair: Terry Speed (University of California at Berkeley and Walter & Eliza Hall Institute of Medical Research, Australia); Co-chairs: Ming-Ying Leung (University of Texas at San Antonio) and Louxin Zhang (National University of Singapore); Members: Anthony Kuk (National University of Singapore), Art Owen (Stanford University), Sylvia Richardson (Imperial College), and Wing Hung Wong (Harvard University)
Website: More information is available at http://www.ims.nus.edu.sg/Programs/microarray/index.htm

SPRUCE VI Conference on Statistics for the Analysis of Risks and Benefits from the Environment
June 15-19, 2003. Lund, Sweden

Contact: Ulla Holst ulla@maths.lth.se
w: www.maths.lth.se/conferences/spruceVI/

International Workshop on Wavelets and Statistics: Watering the Seed
4-7 September 2003
Villard de Lans, Grenoble, France

Contact Details: Anestis Antoniadis, Tel: +(33) (0) 476514306; Fax: +(33) (0) 476631263 Email: Anestis.Antoniadis@imag.fr Secretary, Tel +(33) (0) 476635700
http://www-lmc.imag.fr/SMS/WaveletMeeting

Other Meetings… continued

ANNOUNCEMENT and CALL FOR PAPERS:
12th International Workshop on Matrices and Statistics (IWMS-2003)
5-8 August 2003, Dortmund, Germany

Workshop website http://www.statistik.uni-dortmund.de/IWMS/main.html

IWMS-2003 will be held at the University of Dortmund, Germany, immediately before the 54th Biennial Session of the International Statistical Institute (ISI) in Berlin (details of this meeting at http://www.isi-2003.de/). This workshop, which will be an ISI satellite meeting, will be hosted by the Department of Statistics at the University of Dortmund and is co-sponsored by the Bernoulli Society. It is also endorsed by the International Linear Algebra Society (ILAS).

The purpose of this workshop is to stimulate research and, in an informal setting, to foster the interaction of researchers in the interface between matrix theory and statistics. This workshop will provide a forum through which statisticians may be better informed of the latest developments and newest techniques in matrix theory and may exchange ideas with researchers from a wide variety of countries. It will include the presentation of both invited and contributed papers on matrices and statistics; it is expected that many of these papers will be published, after refereeing, in a special issue of *Linear Algebra and Statistics of Linear Algebra and Its Applications.* Contributed papers are welcome!

Details for submission of papers are given on the workshop website above. Abstracts should arrive by May 15, 2003.

The International Organizing Committees (IOC) comprises Richard William Farebrother (Shrewsbury, UK), Simo Puntanen (U of Tampere, Finland), George P. H. Styan (McGill U, Montréal, Canada; IOC vice-chair), and Hans Joachim Werner :(Univ. of Bonn, Germany; IOC-chair: werner@united.econ.uni-bonn.de). The Local Organizing Committee (LOC) at the University of Dortmund comprises Jürgen Groß, Götz Trenkler: trenkler@statistik.uni-dortmund.de (LOC-chair), and Claus Weihs. The Workshop Secretary is Mrs. Eva Brune: iwms2003@statistik.uni-dortmund.de (Department of Statistics, IWMS-2003, Univ. of Dortmund, Vogelpothsweg 87, D-44221 Dortmund, Germany).

Distribution Theory, Order Statistics and Inference - A Conference in Honor of Barry C. Arnold
Santander, Spain, 16-18 June, 2004

Organizers: Prof. N. Balakrishnan bala@mcmail.cis.mcmaster.ca, Prof. Enrique Castillo castie@unican.es, Prof. Jose-Maria Sarabia sarabiaj@unican.es

Purpose: This International Conference is being organized to celebrate the ocassion of Professor Barry C. Arnold turning 65. The areas of Order Statistics, Distribution Theory and Inference, in which Barry Arnold has made fundamental and pioneering contributions, will be the primary areas of focus at this conference. For further details, please contact any of the three organizers.

Obituary: Pesi Rustom Masani

Pesi Masani was born in a well-to-do Parsee family in Bombay in 1919. After his undergraduate education in Bombay, Pesi went to Harvard where he obtained a Ph.D. in 1946 under the direction of Garrett Birkhoff, having worked on on multiplicative Riemann integration in Banach algebras. He returned to Bombay where he was Professor of Mathematics at the Institute of Science for about ten years. Around 1969, Pesi migrated to the United States; he was Professor of Mathematics at the Indiana U, Bloomington, for many years, then Professor of Mathematics at the U of Pittsburgh in the early 1970's. In retirement he stayed in Pittsburgh, where he died on 18th October 1999 of sudden heart failure.

Masani's mathematical work centered around functional analysis and integration theory with important applications to probability theory. He is however most well known for his joint work with Norbert Wiener on multivariate prediction theory, published in various papers over the period 1957-1962. Masani's own research work after 1962 was devoted to a fuller understanding of vector-valued measures and vector-valued integration theory. His last work on Wiener processes was the remarkable 160-page paper published in *Philos. Trans. Roy. Soc. London Ser. A* in 1997. Masani was a conscientious teacher and a devoted scholar, his interests ranging over many fields far beyond mathematics and physics, such as politics, economics, theology and philosophy.

S. D. Chatterji
Department of Mathematics, EPFL, Lausanne, Switzerland

Annual Report of the IMS Treasurer

INTRODUCTION

In fiscal year (FY) 2002 (July 1, 2001-June 30, 2002) the IMS experienced another increase in total number of members. We are having many members take advantage of the Life and New Graduate membership options that were introduced over the past two years. For 2003, we are also introducing a Retired Life option for membership.

The journals continue to run smoothly: they are almost back on schedule. All three of the *Annals* are running on time to one month behind schedule and *Statistical Science* is running two to three months behind. This is a drastic improvement over our status for the last 10 years. We hope to report that everything is completely on schedule by next year.

The financial status of the Institute continues to be strong and stable. Details of the events of the past year, membership and subscription data, sales data and a detailed analysis of the financial statement for FY 2002 are given below. Dues were increased $10 for 2003 in anticipation of possible drops in member subscriptions due to gratis online access. We also offered a $15 discount to regular members who renewed by December 31, 2002.

Dues and Subscriptions Office.

We have completed our second full year in our agreement with FASEB to process our dues and subscriptions. We are very pleased with the service FASEB has provided and plan to renew our contract in June 2003. If there are comments or suggestions about this arrangement, please contact the Executive Director, the Treasurer or any officer of the IMS. The staff at FASEB handles the processing of all IMS memberships, subscriptions, book orders and address changes.

Societal Office.

Elyse Gustafson is in her sixth year as our Executive Director. She continues to handle all societal issues from her office in Cleveland, Ohio. Elyse provided a full report on activities of the IMS in the Nov/Dec 2002 *IMS Bulletin*. Please reference it for additional information on the activities of the IMS.

Publications and Web.

Editors. Welcome to Robert Adler, Editor, *Annals of Applied Probability*; Steve Lalley, Editor, *Annals of Probability*; Hemant Ishwaran, Editor, IMS Web Page; Martin Barlow, Editor, *Electronic Communications in Probability*; Ted Cox, *Electronic Journal of Probability* and Zhen-Qing Chen, Managing Editor, *Electronic Journal of Probability / Electronic Communications in Probability*. Special thanks go to Søren Asmussen, Thomas Kurtz, Susan Holmes, Richard Bass, Wilfrid Kendall, and Davar Khoshnevisan who have completed their terms and have served the IMS with great dedication.

Project Euclid. In March 2002, the IMS released as a benefit of membership access to IMS journals in Euclid for all IMS individual members. We hope to offer this very valuable benefit indefinitely. As of December 31, 2002, 783 IMS members have signed up for their Euclid account. Project Euclid access for institutional subscribers and members becomes available in January 2003.

JSTOR. In June 2002, the IMS released as a benefit of membership access to all IMS individual members who did not have access to JSTOR through their institution. As of December 31, 2002, 61 members are signed up for this program.

IMS Lecture Notes - Monograph Series. Three volumes in this series were published during FY 2002. Volume 37, *Selected Proceedings of the Symposium on Inference for Stochastic Processes* edited by I. V. Basawa, C. C. Heyde and R. L. Taylor and Volume 38, *Model Selection*, edited by P. Lahiri. Volume 39, *R.R. Bahadur's Lectures on the Theory of Estimation*, edited by S. Stigler, W.H. Wong and D. Xu.

NSF-CBMS Regional Conference Series. While we did not publish a volume in this series in FY 2002, we expect at least one in FY 2003.

IMS Membership Categories.

At their August 2001 meeting, the IMS Council reinstated Life memberships effective for 2002 dues renewals. Based on the recommendation of actuaries, the rate for life members was set at twelve times the current member rate. Lifetime subscriptions at the same rate are also available to those who become Life members. We had 43 members take advantage of this offer for 2002. In response to requests, we are now also offering a Retired Life membership category at eight times the current retired rate.

IMS Meetings and Awards.

In July 2002, the IMS held its Annual Meeting in Banff, Canada. Every four years we hold our meeting without another co-sponsored society. This year's meeting was a great success, including the newly instituted Medallion Lectures. Financially, we broke even while keeping the registration fees at a reasonable level. The awarding of the IMS Carver Medal was initiated in Banff and the new Fellows of the Institute were named, introduced and awarded plaques.

The IMS continued its second year of mini-meetings in 2002. During FY2002, the IMS granted a total of $8500 for this program. In August 2002, the IMS provided its first Laha Grants to students and new graduates traveling to the IMS Annual Meeting. $4000 in travel funds were provided to 8 recipients.

The first Le Cam lecture will take place at the IMS Annual Meeting in San Francisco during the Joint Statistical

Meetings. An Endowment account has been set up for the funds donated in LeCam's name. We expect the principal amount on the fund to keep the endowment functioning indefinitely.

MEMBERSHIP DATA

Total membership in the Institute as of December 31, 2002 was up 3.4% from December 31, 2001. Individual membership is down 2.48%, but 43 of our previously individual members became Life members in 2002, therefore overall this decrease is actually less than 1%. Table 1 (above right) presents the distribution of memberships by category for the last several years.

TABLE 1: Distribution of Memberships by Category: Calendar Year Data (Jan-Dec)

	1999	2000	2001	2002	% change
Individual	2898	2777	2820	2750	-2.48%
Life	11	10	8	51	537.50%
New Graduate	na	na	93	131	40.86%
Student	228	478	395	496	25.57%
Organizational	100	96	94	98	4.26%
Total	3237	3361	3410	3526	3.40%

Breakdown of Member Categories. Among the general members for 2002, a total of 30 are Gift members (58 last year), 42 are joint members (42 last year), 239 are retired (237 last year) and 157 are reduced rates (148 last year) and the remaining 2,282 are regular members (2,335 last year). We rely on members and academic departments to assist us in getting out the word that student membership is free with one reduced rate journal purchase. Also we ask members to emphasize the importance of maintaining a strong statistical presence in the world through our organization.

Geographic Distribution of Members. Approximately 62% of our members are in the USA and Canada. This is a slight change in our geographical distribution from previous years when two-thirds of our members were in the USA and Canada.

Selection of Journals by Members. Although membership increased in 2002, subscription to journals by members decreased. This decrease is expected as we offer electronic access of all journals to members. Table 2 (below) presents the journal selections of members for FY 2002 and the preceding three years. Annals of Statistics is received by about 55% of the membership, while about 26% receive Annals of Probability, about 25% receive the Annals of Applied Probability, and about 79% receive Statistical Science.

Revenue from all Institute member dues and journal subscriptions amounted to $332,016 for the fiscal year ending June 30, 2002, down from $356,487 in FY 2001. This is attributed to the general decrease in member subscriptions.

TABLE 2: Distribution of Journal Selections by Members: Calendar Year Data (Jan-Dec)

	1999	2000	2001	2002	% change
AAP	911	911	902	865	-4.10%
AOP	1007	918	952	918	-3.57%
AOS	1950	1904	1992	1949	-2.16%
STS	2672	2661	2707	2778	2.62%
Total Subscriptions	6540	6394	6553	6510	-0.66%

TABLE 3: Distribution of Journal Selections by Non-Member Subscribers
Calendar Year Data (Jan-Dec)

	1999	2000	2001	2002	% change
AAP	799	779	680	672	-1.18%
AOP	1127	1121	983	984	0.10%
AOS	1481	1454	1305	1300	-0.38%
STS	1156	1258	1068	1021	-4.40%
Bull	284	320	259	257	-0.77%
Total Subscriptions	4847	4932	4295	4234	-1.42%

NON-MEMBER SUBSCRIPTION DATA

Table 3 (left) presents comparative subscription data for non-members to each of our scientific journals for 2002 and the previous three years. All journals experienced small decrease in subscriptions in 2002. Revenue from all non-member subscriptions was $605,644 for the fiscal year ending June 30, 2002, down from $622, 055 for the FY 2001. Approximately 65% of the non-member subscribers to IMS journals are in North America, with the remaining subscribers distributed throughout the world.

SALES DATA

There was not a new volume in the NSF-CBMS Regional Conference Series in Probability and Statistics in FY 2002. In FY 2002, total revenue from this Series was $7,122, down from $9,002 in FY 2001. Table 4 (next page) shows summary data on sales from the NSF-CBMS Regional Conference Series. Sales on the Genetic Data volume continue to be strong.

Three new volumes in the Lecture Notes - Monograph Series were published in FY 2002. The last row of Table 4 (right) presents total sales data for Volumes 1-39 of this Series. Total revenue from the Series increased to $34,333 in FY 2002, up from $21,975 in FY 2001.

TABLE 4: Sales of NSF-CBMS Reg. Conf. Series: FY Data (July 1-June 30) and Total LNMS Sales

Vol	Short Title	Year Published	to 1998	1999	2000	2001	2002	TOTAL
1	Group Invariance	1989	831	14	9	11	11	876
2	Empirical Pro	1990	978	25	30	34	41	1,108
3	Stochastic Curve	1991	595	13	12	8	19	647
4	Higher Order	1994	377	25	10	17	15	444
5	Mixture Models	1995	585	59	69	108	40	861
6	Genetic Data	2000	0	0	0	306	194	500
		NSF-CBMS Total Sales	3,366	136	130	484	320	4,436
	LNMS Total Sales (39 Vols: not listed individually)		20,324	771	869	679	832	23,475

Financial Overview

This is a detailed analysis of the Financial Statement for FY 2002, which is presented in this issue of the *IMS Bulletin*, following this Treasurer's Report. Comparisons are always with FY 2001. The overall picture of the financial status of the Institute: **strong and stable**. Per the auditor's report, in FY 2002 we experienced an increase in unrestricted net assets of $102,741. This amount has been invested for the long-term stability of the IMS. The Statement of Activities shows a decrease in total revenue and a slight increase in total expenses compared with FY 2001. Total revenues are higher than expenses showing a net gain.

Revenue.

Membership dues and subscription revenues were adjusted, as in the past to prorate calendar-year revenues to fit with the Institute's fiscal year reporting. Revenues from membership dues and subscriptions are down from FY 2001; this is due to a decrease in member subscriptions. Revenues from non-member subscribers are slightly down due to a slight drop in institutional subscribers. The contribution listed in FY 2001 is the donation made by the estate of Dr. Laha. Sales of back issues are down from FY 2001 due to the warehouse sale occurring in FY 2001 when we closed the Hayward office. Page charges are slightly down. Due to the voluntary nature of the contributions, the levels received tend to fluctuate. Revenue from sales of *Lecture-Notes Monograph Series* was up due to the release of two new volumes (one was published late in the fiscal year and will not show sales until FY 2003). Revenue from sales of *NSF-CBMS Series* were down due to no new publications in FY 2002. Meeting income increased as we received income from joint meetings (income from the July 2002 IMS Annual Meeting will show up in FY 2003 reports). Advertising revenues were up slightly, due to increased advertisements and higher rates. Offprints, royalty and other is up due to royalties received from JSTOR. Our agreement with JSTOR allowed for us to begin receiving royalties once a threshold of subscribers had been reached, which it was in December 2001. Net earnings of joint publication ventures shows a profit in FY 2002 after experiencing a deficit in FY 2001. This line item includes our joint stake in two publications, *Current Index to Statistics* and the *Journal of Computational and Graphical Statistics.* The unrealized loss on investments is merely a line item, which shows prepaid interest and is not an actual loss on investments. That amount should be totaled with the Investment Income line item to get a complete understanding of our gain on investments in FY 2002. Investment income is down in FY 2002 as the lower interest rates across the world affect our investments.

Expenses.

The IMS makes a distinction between Program and General Administrative expenses in its audited reports. This is appropriate reporting for a non-profit organization and gives members a better idea of how much is being spent on actual programming (journals, meetings, etc) versus what is spent purely on administration of the Institute. I am happy to report that 94.7% of your dues dollars goes directly into the program functions of the IMS (up from 93.5% in FY 2001) and a direct result of our closing the office in Hayward (in FY 2000 when the Hayward office was open, this figure was 90.7%)

Discussion of Note F. Here you will see the allocation for expenses for Program and General Administrative. Production and Editorial expenses will be discussed below in the "Discussion of Note G."

The management fee shows the expenses paid to FASEB for their dues, subscriptions and web services. This is down slightly from FY 2001 when we incurred set up expenses. Salaries are up slightly in FY 2002 reflecting wage increases. Mailing and shipping at the press is up from FY 2001, as postage rates increased. Meeting expenses are up as IMS instituted meeting grants for mini-meeting and travel grants which are expensed to this line item. Rent and utilities are down due to the closing of the Hayward office; the IMS was able to opt out of its lease early and the final expenses associated with that are listed in FY 2001. Contributions to other societies are stable. Postage was down from FY 2001, due to the cost of

shipping items as we closed the Hayward office in FY 2001. Computer equipment and software is stable. Professional fees were up slightly in FY 2002 as it is necessary to perform an audit in two locations (societal and dues offices); this will continue on an annual basis. Insurance fees experienced a considerable jump after the September 11, 2001 attacks in the US. This amount of an increase is typical throughout the industry; especially for an organization which maintains international insurance as the IMS does. Storage fees are for warehousing past journals at our printer and in Hayward. It is down slightly in FY 2002 because set up expenses were incurred in FY 2001. Supplies, maintenance and telephone are down from FY 2001 due to closing of the Hayward office. Office expense includes bank fees and other miscellaneous expenses. Membership drives and publicity is down based on the cyclical nature of our membership promotions.

Discussion of Note G. Production expenses for *The Annals of Statistics* and *Statistical Science* were stable. *The Annals of Applied Probability* experienced small decrease as fewer volumes are being published due to decreased subscriptions. *The Annals of Applied Probability* shows an increase in expenses which is mostly due to allocation of expenses crossing fiscal years rather than an actual increase in expenses. FY 2001 expenses were considerably low for this item for the same reason. (FY 2000 expenses were $92,430). The expenses for the *IMS Bulletin* were down because the larger format of the publication allows us to save on paper expenses. The *LNMS* expense shows the cost to print three smaller volumes, whereas reprints and prints of larger volumes occurred in FY 2001. *CBMS* expense is due to reprints of two volumes. Editorial expenses for *The Annals of Applied Probability* are generally stable. *The Annals of Statistics* and *The Annals of Probability* are up slightly due to variations in billing timelines for the editorships. These editors are within their budgets for the length of their term. *Statistical Science* is up as there was a change in editor beginning 2002. The *IMS Bulletin* editor is up as the expenses for the redesign and experienced ongoing design is incurred. Managing and production editorial expenses are up as our production editor moved to a university location and we began incurring expenses for office space. The Web editor expense is down slightly, but only due to timeliness of billing, it remains on budget for the term.

Recommendation.

This year we recommended a dues increase of $10 and an institutional subscription rate increase of 10% for 2003. Journal rates for members remain the same next year, as they are this year. The 2002-2003 Council approved these recommendations at the Annual Meeting in July 2002 in Banff, Canada.

December 2002
Julia Norton, Treasurer

LNMS

LECTURE NOTES – MONOGRAPH SERIES

Volume 39:

R.R. Bahadur's Lectures on the Theory of Estimation

Stephen M. Stigler, Wing Hung Wong and Daming Xu, Editors

In Winter Quarter 1985, Raj Bahadur (1924-1997) gave a series of lectures on estimation at the University of Chicago. He presented the core results of estimation theory with a singular elegance of style that was his hallmark.

Two members of the audience took careful notes, long circulated in xerox and now re-edited, with a brief biographical notice and list of publications. The ten weeks' lectures began with a review of the geometry of L2 function spaces and covered Bayes estimates, unbiased estimation, Fisher information, Cramér-Rao bounds, and the theory of maximum likelihood estimation.

In these lectures, Bahadur strived towards, and in most cases succeeded in deriving the most general results using the simplest arguments. His treatment of Fisher's bound for the asymptotic variance of estimators was elegant and powerful, using the Neyman-Pearson lemma and the asymptotic normal distribution under local alternatives to provide a remarkable proof of the celebrated result (which he attributed to LeCam) that the set of parameter points at which the Fisher bound fails must be of measure zero.

These lecture notes may help the reader to appreciate the beauty and utility of estimation theory, as viewed by a brilliant scholar and master teacher.

Price US$25

IMS Member Price US$15

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Or send payment (*Mastercard, Visa, American Express, Discover or Check, payable on a US bank in US funds*) to:
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9650 Rockville Pike, Suite L2310, Bethesda MD 20814-3998, USA
Tel: (301) 530-7029 Fax: (301) 571-5728 Email: staff@imstat.org

[redacted]

INSTITUTE OF MATHEMATICAL STATISTICS

STATEMENTS OF FINANCIAL POSITION

June 30, 2002 and 2001

ASSETS		
[redacted]		
LIABILITIES AND NET ASSETS		
[redacted]		

INSTITUTE OF MATHEMATICAL STATISTICS

STATEMENTS OF ACTIVITIES

For the Years Ended June 30, 2002 and 2001

[redacted]		

INSTITUTE OF MATHEMATICAL STATISTICS

STATEMENTS OF CASH FLOWS

For the Years Ended June 30, 2002 and 2001

[redacted]		

INSTITUTE OF MATHEMATICAL STATISTICS

NOTES TO FINANCIAL STATEMENTS

June 30, 2002 and 2001

NOTE A – Summary of significant accounting policies

Organization

The Institute of Mathematical Statistics (the Institute) is a membership organization whose purpose is to foster the development and dissemination of the theory and applications of statistics and probability. The Institute's activities include sponsorship of meetings, publication of journals and newsletters, and support of education and research in statistics and probability.

The Institute's journals include The Annals of Statistics, The Annals of Probability, The Annals of Applied Probability, The Annals of Mathematical Statistics, Statistical Science, and the IMS Lecture Notes – Monograph Series. The Institute's membership includes individuals and institutions throughout the world. The Institute's headquarters are located in Hayward, California. The Institute's fiscal year ends June 30.

The financial statements include the accounts of the Institute and its wholly owned subsidiary, IMS Business Services, Inc. All significant intercompany balances and transactions have been eliminated.

Basis of accounting

The financial statements have been prepared on the accrual basis of accounting. Accordingly, revenues are recognized when earned, and expenses are recognized when the obligations are incurred.

Financial statement presentation

The Institute reports information regarding its financial position and activities according to three classes of net assets: unrestricted net assets, temporarily restricted net assets, and permanently restricted net assets. The Institute has no temporarily or permanently restricted net assets.

Unrestricted net assets – designated

The governing board designates unrestricted net assets for specific operating purposes and for reserves.

INSTITUTE OF MATHEMATICAL STATISTICS

NOTES TO FINANCIAL STATEMENTS (Continued)

June 30, 2002 and 2001

NOTE A – Summary of significant accounting policies (continued)

Permanently restricted net assets

Permanently restricted net assets are subject to donor-imposed stipulations that they be maintained permanently by the Institute.

Temporarily restricted net assets

Temporarily restricted net assets are subject to donor-imposed stipulations that will be met by actions of the Institute and/or the passage of time. When a restriction expires, temporarily restricted net assets are reclassified to unrestricted net assets and reported in the statement of activities as net assets released from restrictions.

Cash equivalents

Cash equivalents consist of short-term investments with an initial maturity of three months or less.

Equipment, purchases and depreciation

Equipment is recorded at cost. Depreciation is computed using the straight-line method over the estimated useful lives of the assets, ranging from three to seven years. Expenditures for maintenance and repairs are charged to expense as incurred. Expenditures for major renewals and betterments that extend the useful lives of property and equipment are capitalized and depreciated. Upon retirement or sale, the cost of the assets disposed of and the related accumulated depreciation are removed from the accounts. Any resulting gain or loss is reflected in income for the period.

Investments in joint ventures

Investments in joint ventures are accounted for using the equity method of accounting.

Assets held for other than exempt purposes and investment income

Assets held for other than exempt purposes and investment income are reported in the Statement of Activities as increases in unrestricted net assets unless their use is restricted by explicit donor stipulation or by law. Expenses are reported as decreases in unrestricted net assets. Gains and losses on investments are reported as increases or decreases in unrestricted net assets unless their use is restricted by explicit donor stipulation or by law.

INSTITUTE OF MATHEMATICAL STATISTICS

NOTES TO FINANCIAL STATEMENTS (Continued)

June 30, 2002 and 2001

NOTE A – Summary of significant accounting policies (continued)

Contributions

Contributions are recognized when the donor makes a promise to give to the Institute that is, in substance, unconditional. Contributions that are restricted by the donor are reported as increases in unrestricted net assets if the restriction expires in the reporting period in which the contribution is recognized.

Income taxes

The Institute is exempt from federal income taxes under Section 501(c)(3) of the Internal Revenue Code and is classified as an organization that is not a private foundation. The Institute is subject to income taxes on net income that is derived from business activities unrelated to its exempt purpose.

Functional allocation of expenses

The costs of providing various programs and other activities have been summarized on a functional basis in the statement of activities. Accordingly, certain costs have been allocated among the programs and supporting services benefited.

Production costs of publications

The Institute capitalizes certain costs incurred in connection with publishing its journals. Capitalized costs are amortized over the estimated useful lives of the publications, which is generally one year.

Use of estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Shipping and handling costs

Shipping and handling costs incurred for the sale of publications are charged to expense as incurred and are included in cost of sales.

INSTITUTE OF MATHEMATICAL STATISTICS

NOTES TO FINANCIAL STATEMENTS (Continued)

June 30, 2002 and 2001

NOTE B – Concentration of credit risk

The Institute maintains cash balances at several financial institutions. The balances at times may exceed federally insured limits. The Institute has not experienced any losses in such accounts and believes it is not exposed to any significant credit risk on cash and cash equivalents.

NOTE C – Investments

The Institute's investments are stated at fair value. Investment income (including realized gains and losses on investments, interest and dividends) is included in the statement of activities as increases in unrestricted net assets unless the use of the related assets is restricted by donor or law. Investments consist of the following at June 30:

	2002	2001
Mutual funds, equity securities	$ 2,000,000	$ 2,000,000
Cash and cash equivalents held in investment accounts	1,000,000	1,000,000
	$ 3,000,000	$ 3,000,000

NOTE D – Joint venture agreements

The Institute and the American Statistical Association (ASA) have a joint venture agreement to publish Current Index to Statistics (CIS). The Institute and ASA each contribute $1,000 annually to the joint venture.

The Institute and ASA share equally in the net income or loss of CIS. The agreement may be terminated by either party with 90 days written notice. Upon termination, the Institute and ASA will share equally in the net assets of CIS.

The Institute has a joint venture agreement with the National Institute of Statistical Sciences (NISS) to publish Publications of NISS. The Institute and NISS each contribute $1,000 annually to the joint venture.

INSTITUTE OF MATHEMATICAL STATISTICS

NOTES TO FINANCIAL STATEMENTS (Continued)

June 30, 2002 and 2001

NOTE D – Inter-venture investments [illegible]

	[illegible]		[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTE E – Retirement plan

[illegible]

INSTITUTE OF MATHEMATICAL STATISTICS

NOTES TO FINANCIAL STATEMENTS (Continued)

June 30, 2002 and 2001

NOTE F – Functional expenses

Program and general and administrative expenses for the year ended June 30, 2002 were as follows:

	Program	Administrative	Total
Production expenses (see Note G)	[illegible]	[illegible]	[illegible]
Editorial expenses (see Note H)	[illegible]		[illegible]
Management	[illegible]		[illegible]
Salaries, payroll taxes, and employee benefits	[illegible]	[illegible]	[illegible]
Mailing and shipping expenses	[illegible]		[illegible]
Meetings	[illegible]		[illegible]
Rent and utilities	[illegible]	[illegible]	[illegible]
Contributions to other organizations	[illegible]		[illegible]
Postage and shipping in addition	[illegible]	[illegible]	[illegible]
Computer equipment and software	[illegible]	[illegible]	[illegible]
Professional fees		[illegible]	[illegible]
Insurance	[illegible]	[illegible]	[illegible]
Stories	[illegible]	[illegible]	[illegible]
Printing	[illegible]		[illegible]
Unrelated business income	[illegible]		[illegible]
Supplies	[illegible]	[illegible]	[illegible]
Telephone	[illegible]	[illegible]	[illegible]
Membership dues and subscriptions	[illegible]		[illegible]
Other expenses	[illegible]	[illegible]	[illegible]
Repairs and maintenance	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]

INSTITUTE OF MATHEMATICAL STATISTICS

NOTES TO FINANCIAL STATEMENTS (Continued)

June 30, 2002 and 2001

NOTE F – Functional expenses [illegible]

Program and general and administrative expenses for the year ended June 30, 2002 were as follows:

	Program	Administrative	Total
Production expenses (see Note G)	[illegible]	[illegible]	[illegible]
Editorial expenses (see Note H)	[illegible]		[illegible]
Management	[illegible]		[illegible]
Salaries, payroll taxes, and employee benefits	[illegible]	[illegible]	[illegible]
Mailing and shipping expenses	[illegible]		[illegible]
Meetings	[illegible]		[illegible]
Rent and utilities	[illegible]	[illegible]	[illegible]
Contributions to other organizations	[illegible]		[illegible]
Postage and shipping in addition	[illegible]	[illegible]	[illegible]
Computer equipment and software	[illegible]	[illegible]	[illegible]
Professional fees		[illegible]	[illegible]
Insurance	[illegible]	[illegible]	[illegible]
Stories	[illegible]	[illegible]	[illegible]
Printing	[illegible]		[illegible]
Unrelated business income	[illegible]		[illegible]
Supplies	[illegible]	[illegible]	[illegible]
Telephone	[illegible]	[illegible]	[illegible]
Membership dues and subscriptions	[illegible]		[illegible]
Other expenses	[illegible]	[illegible]	[illegible]
Repairs and maintenance	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]

INSTITUTE OF MATHEMATICAL STATISTICS

NOTES TO FINANCIAL STATEMENTS (Continued)

June 30, 2002 and 2001

NOTE G – Production and editorial expenses

Production and editorial expenses consisted of the following:

	[illegible]	[illegible]
Production expenses		
The Annals of Statistics	[illegible]	[illegible]
The Annals of Probability	[illegible]	[illegible]
The Annals of Applied Probability	[illegible]	[illegible]
Statistical Science	[illegible]	[illegible]
The Annals of CIIMS	[illegible]	[illegible]
IMS Bulletin	[illegible]	[illegible]
Lecture Notes – Monograph Series	[illegible]	[illegible]
Total production expenses	[illegible]	[illegible]
Editorial expenses		
The Annals of Statistics	[illegible]	[illegible]
The Annals of Probability	[illegible]	[illegible]
The Annals of Applied Probability	[illegible]	[illegible]
Statistical Science	[illegible]	[illegible]
IMS Bulletin	[illegible]	[illegible]
Monograph and production editors	[illegible]	[illegible]
WWW Editor	[illegible]	[illegible]
Total editorial expenses	[illegible]	[illegible]

Employment Opportunities around the world

Italy: Milan

University "L. Bocconi", Milan, Italy
Institute of Quantitative Methods
Assistant Professor in Statistics

The Institute of Quantitative Methods at Bocconi University, Milan, Italy invites applications for a full time faculty position in Statistics at the level of Assistant Professor.
Contract will be running for up to six years (subject to renewal after 3 years). The position is available starting from March, 1st, 2004. Salary will be competitive with other top European Schools.
The position will support research conduced by the faculty in the Institute and also independent research programs. The candidate is required to participate in teaching students at the graduate or undergraduate level (105 hours for year).
The candidate must have a PhD in Statistics or related fields and have evidence of excellent teaching ability and outstanding research potential.
Candidates should send cover letter, curriculum vitae and three letters of reference, to
Prof. Michele Cifarelli, Università Bocconi, Istituto di Metodi Quantitativi, Viale Isonzo 25, 20135 Milano, Italy,
or by e-mail (pdf attachments preferred) to michele.cifarelli@uni-bocconi.it.
Applications should be received by July 30, 2003.

Taiwan: Hsinchu

National Chiao Tung University

The Institute of Statistics invites applications for a faculty position at all levels to begin on August 1, 2003. Applicants must hold a Ph.D. with strong academic records and a commitment to excellence in teaching. Some visiting and post-doctoral appointments are also possible. Applicants are invited from all areas of statistics. Interested candidates should send a cover letter, CV, reprints, preprints, transcripts (new Ph.D. only), and three letters of recommendation to:

Recruiting Committee,
Institute of Statistics,
National Chiao Tung University,
Hsinchu, 30050, Taiwan, R.O.C.
Email: search@stat.nctu.edu.tw
Fax: 886-3-5728745
Tel: 886-3-5728746
www: http://www.stat.nctu.edu.tw

USA: California

University of California at Davis
Department of Statistics

The Department of Statistics invites applications for three positions, starting July 1, 2003 or a later date to be arranged. The ranks of two positions are open, depending on qualifications. The third position is at the Assistant Professor rank, tenure track, or at the Associate Professor rank, with tenure, depending on qualifications. Applicants must have a Ph.D. in Statistics or a related field. An outstanding research and teaching record is required for appointment with tenure; and demonstrated interest and ability to achieve such a record is required for a tenure track appointment. Preferred research areas are computational statistics, bioinformatics/biostatistics or time series/spatial statistics. Candidates with demonstrated research interest in statistical theory motivated by complex applications, such as methods for the analysis of high-dimensional data from longitudinal or imaging sources, or genomics/proteomics are strongly encouraged to apply. The successful candidates will be expected to teach at both the undergraduate and graduate levels. UC Davis has launched Bioinformatics and Computational Science initiatives, and has recently established a graduate program in Biostatistics, in addition to the existing PhD/MS program in Statistics. Information about the department and programs offered can be found at http://www-stat.ucdavis.edu/. Send letter of application, including a statement of research interests, curriculum vitae with publication list, at least three letters of reference, relevant reprints/preprints, and transcripts (applicants with Ph.D. obtained in 2001 or later) to:
Chair, Search Committee, Department of Statistics, 1 Shields Avenue, University of California, Davis, CA 95616.
Review of applications will begin on Jan. 1, 2003, and will continue until the positions are filled. The University of California is an affirmative action/equal opportunity employer with a strong institutional commitment to the achievement of diversity among its faculty and staff.

USA: Connecticut

Yale University

Faculty in Statistics, Open Rank

Yale University Department of Statistics invites applications for faculty positions at all levels beginning July 2003. The Department seeks to fill one or two open rank positions at the level of Professor, Associate Professor, or Assistant Professor. Academic rank will be offered based on potential for or record of genuine research excellence and teaching in statistics.

The Department seeks expertise in the theory and practice of statistics with a significant data-driven component in teaching and research activities. Opportunities exist for collaboration and cooperative teaching with faculty in computer science, biological sciences, social sciences, physical sciences and engineering; and for participation in the program of bioinformatics or the program of applied mathematics.

The Department encourages excellence in teaching, and faculty members teach a broad range of courses at both the graduate and undergraduate level.

This advertisement reflects an extension of a previously announced deadline as well as an expansion of the openings. Review of applications will begin immediately and will continue until the positions have been filled.

Candidates should include a letter of application, curriculum vita, a statement of teaching and research interests, and arrange for three letters of reference to be sent directly to the address below.

Andrew R. Barron, Chair, Yale University Department of Statistics, P.O. Box 208290, New Haven CT 06520-8290

Yale University is an AA/EOE Employer.

USA: Florida

University of Florida

Two Postdoctoral positions in Statistics to begin August 2003, subject to availability of funds. Candidates must be US Citizens or Permanent Residents, and should have received their PhDs within 18 months of the date of appointment. Send CV, cover letter including references to Postdoctoral Search, University of Florida, PO Box 118545, Gainesville, FL 32611-8545. See http://www.stat.ufl.edu for details.

An EO/AA employer.

USA: Georgia

Georgia Institute of Technology

SCHOOL OF INDUSTRIAL AND SYSTEMS ENGINEERING
FACULTY POSITIONS AVAILABLE

Several new positions available for Assistant/Associate/Full Professor of Statistics in the School of Industrial and Systems Engineering at Georgia Tech. The department has Georgia Tech's largest Ph.D. program in Statistics with an emphasis in statistical methods and theory for engineering, science and technology. The engineering statistics group in ISyE has 10 members and will continue to grow. Please see our homepage at http://www.isye.gatech.edu/statistics. All areas of statistical expertise will be considered, with preference given to applicants interested in applications to engineering and information technology.

We strongly encourage women and minorities to apply. The offer will be contingent on the candidate having received his/her Ph.D. degree (in statistics, industrial engineering or related fields) by the start date. Interested individuals should: 1) Fill out the "Faculty Candidate Application" page at http://www.isye.gatech.edu/candidate and 2) Submit a letter of application and a resume to: Dr. William B. Rouse, H. Milton and Carolyn J. Stewart School Chair, School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta, GA 30332-0205

Questions may be directed to brouse@isye.gatech.edu or paul.kvam@isye.gatech.edu.

Georgia Tech is an Equal Education and Employment Institution.

A Unit of the University System of Georgia.

USA: Illinois

Chicago GSB

Applications are invited for positions in econometrics and statistics beginning July or September, 2003. A Ph.D. in econometrics, statistics, or related fields is required. Responsibilities include teaching and research. Excellent communication skills and academic record are essential. Send CV, preprints, reprints and 3 reference letters to Office of the Dean, Chicago GSB, 1101 East 58th Street, Chicago, Illinois 60637. The University is an EO employer.

USA: Massachusetts

Boston University
Department of Mathematics and Statistics

The Department of Mathematics and Statistics at Boston University invites exceptionally strong candidates to apply for a position in the general area of stochastic processes, at the level of tenure-track assistant professor or associate professor with tenure, to begin in September 2003. Preference will be given to candidates with some experience in the area of mathematical finance. Candidates must demonstrate strong research potential and commitment to excellence in teaching. Responsibilities include teaching, research, and involvement in the M.A. in Mathematical Finance Program.

Applicants should submit a vita, the AMS Application Cover Sheet, and at least three letters of recommendation to Prof. Eric Kolaczyk (Hiring Committee Chair), Department of Mathematics and Statistics, Boston University, 111 Cummington Street, Boston, MA 02215. Review of applications will begin January 16, 2003 and will continue until the position is filled.

Boston University is an Affirmative Action/Equal Opportunity Employer.

USA: Indiana

Purdue University
FACULTY POSITION(S) IN STATISTICS

INDIANA, WEST LAFAYETTE: Department of Statistics, Purdue University The Department of Statistics at Purdue University has one or more openings for faculty positions. Screening will begin December 2, 2002, and continue until the position(s) is (are) filled.

Essential Duties: Conduct advanced research in statistical sciences, teach undergraduate and graduate students and maintain service in the Statistics Department.

Essential Qualifications: Require Ph.D. in Statistics or related field, in hand or expected by August 18, 2003. Candidates must demonstrate potential excellence in research and teaching. Salary and benefits are competitive and commensurate with qualifications. Rank and salary are open.

Candidate for assistant professor should send a letter of application, curriculum vita and three letters of reference. For senior positions, send a letter of application or nominations, curriculum vita, and the names of three references. Purdue University is an AA/EO employer and educator. Send applications to: Mary Ellen Bock, Head, Department of Statistics, Purdue University, 150 N. University Street, West Lafayette, IN 47907-2067, USA.

USA: Massachusetts

Williams College

The Williams College Department of Mathematics and Statistics invites applications for one position in statistics, beginning fall 2003, at the rank of assistant professor (in an exceptional case, a more advanced appointment may be considered). We are seeking a highly qualified candidate who has demonstrated excellence in teaching and research, and who will have a Ph.D. by the time of appointment.

Williams College is a private, residential, highly selective liberal arts college with an undergraduate enrollment of approximately 2,000 students.

The teaching load is two courses per 12-week semester and a winter term course every other January. In addition to excellence in teaching, an active and successful research program is expected.

To apply, please send a vita and have three letters of recommendation on teaching and research sent to the Hiring Committee, Department of Mathematics and Statistics, Williams College, Williamstown, MA 01267.

Teaching and research statements are also welcome. Evaluations of applications will begin on or after November 25 and will continue until the positions are filled. Williams College is dedicated to providing a welcoming intellectual environment for all of its faculty, staff and students; as an EEO/AA employer, Williams especially encourages applications from women and underrepresented minorities. For more information on the Department of Mathematics and Statistics, visit http://www.williams.edu/Mathematics.

USA: Missouri

Washington University
St. Louis, Missouri 63130

Two William Chauvenet Assistant Professorships. These are two year, non tenure-track positions. Applicants should be three years or less from the Ph.D. Starting date: Fall 2003. Teaching load: three courses per year. Applicants should have research interests that mesh with those of our permanent faculty. To apply, send vita and research plan. Have three letters of recommendation sent to Chair, Department of Mathematics. At least one of these letters should report on the candidate's teaching abilities. We will begin reviewing applications on December 1, 2002 and will continue until the positions are filled. For more information see: http://www.math.wustl.edu.

Washington University is an affirmative action/equal opportunity employer and specifically invites women and minorities to apply. Employment eligibility verification required on hire.

USA: New York

Cornell University

Tenure-track or tenured position. Rank open. PhD required in statistics, OR, CS, or related field. Expertise and/or interest in data mining and other aspects of computational statistics desirable but not necessary. Excellence in research and teaching is required. ORIE at Cornell is a diverse group of statisticians, probabilists, math programmers, and those working in simulation and manufacturing systems. An ideal candidate will have broad training and interests. Membership in Cornell's Department of Statistical Sciences or Faculty of Computing and Information would be possible, depending on candidate's interests and desires. CV, 1-page statement of research and teaching interests, doctoral transcript for junior applicants, and four letters should be sent to Statistics Search, ORIE, Rhodes Hall, Cornell University, Ithaca, NY 14853-3801. Applications completed by January 15, 2003 given preference. More information at http://www.orie.cornell.edu.

Women and minority candidates especially encouraged to apply. Cornell University is an AA/EOE.

USA: New Jersey

PRINCETON UNIVERSITY
Operations Research & Financial Engineering Department

The Department of Operations Research and Financial Engineering invites applications for a tenure track faculty appointment starting September 1, 2003.

The candidate must possess a strong commitment to excellence in teaching at both the undergraduate and graduate levels, and show demonstrable excellence in research. The search is for such persons within the general areas of stochastics, optimization, simulation, financial engineering, and information technology.

The department is in the School of Engineering and Applied Science, and is strongly involved in the activities of the Bendheim Center for Finance. The appointee is expected to perform well within an engineering setting and to have strong interest in our collaborative efforts in finance.

Princeton University is an affirmative action/equal opportunity employer and especially welcomes applications from women and minorities. Applicants should send a resume along with the names of at least three persons who can serve as references. Applications will be considered as early as December 16, 2002. Please submit your application of interest in electronic format to: baru@princeton.edu or by mail to: Search Committee, ORFE Department, E-Quad, Princeton University, Princeton, NJ 08544.

USA: New York

Biostatistics Faculty Positions at the University Of Rochester

The Department of Biostatistics and Computational Biology (formerly the Department of Biostatistics) at the University of Rochester is pleased to announce a major expansion. We are now recruiting for tenure and tenure-track faculty positions at all levels. These include Director of the Statistical Consulting Service (Clinical Core) and collaborative positions with other departments and units in the School of Medicine and Dentistry. Several positions in statistical methods for computational biology (bioinformatics) are also available. Duties include individual and collaborative research, consulting, graduate level teaching and participation in educational programs of the Medical Center. Rank is open commensurate with experience. Send applications including a c.v., transcripts if new PhD, and copies of selected publications and preprints to Faculty Search Committee, Department of Biostatistics, University of Rochester, 601 Elmwood Avenue Box 630, Rochester NY 14642, and arrange for three letters of recommendation to be sent. It is anticipated that screening of applications will commence in early Fall 2002. AA/EOE.

The Department also has an opening for a visiting professor for the Spring Semester (January 1 - June 30 2003) at an attractive salary. Duties include teaching two graduate level courses and research.

We are also seeking a Master's level biostatistician with experience in statistical consulting and SAS programming. Excellent communication skills required. A second Master's level position is available in computational biology. This position requires advanced scientific programming. Applications for these positions may be sent to the Department Secretary at the address above.

USA: North Carolina

SAMSI

The Statistical and Applied Mathematical Sciences Institute (SAMSI), a national institute funded by the National Science Foundation and partners in North Carolina, is soliciting applications for University and Postdoctoral Fellows for 2003-2004, to participate in SAMSI research programs. SAMSI University Fellows are appointed jointly by SAMSI and a partner university; salary and timing are ideal for senior sabbatical visitors. Postdoctoral Fellows are typically appointed for two years, will earn a very competitive salary, and will receive exceptional mentoring. See www.samsi.info for further information and application instructions. Members of underrepresented groups are particularly encouraged to apply. AA/EOE.

If you have a position to advertise, the deadline for next issue (March/April 2003) is February 28. See the panel 'Information for Advertisers', inside the back cover.

USA: Pennsylvania

Department of Statistics, Carnegie Mellon University, Pittsburgh, PA

Applications are invited for tenure-track and visiting positions. Carnegie Mellon offers a supportive faculty environment, emphasizing a combination of disciplinary and cross-disciplinary research and teaching. All areas of statistics are welcome, and joint appointments with other units in the Pittsburgh area are possible. We especially encourage women and minorities to apply. Details at http://www.stat.cmu.edu (email: hiring@stat.cmu.edu). Application screening begins immediately and continues until positions closed. Send CV, research papers, relevant transcripts and three letters of recommendation to: Chair, Faculty Search Committee, Department of Statistics, Carnegie Mellon University, Pittsburgh, PA 15213, USA.
AA/EOE.

USA: Texas

ASSISTANT PROFESSOR:

The Department of Statistics at Rice University invites applications for a tenure track position at the level of Assistant Professor. Excellence or potential excellence in research and teaching must be demonstrated. Qualifications include PhD/DSc in statistics or closely related quantitative field. To apply send CV and four letters of reference to:

Chair, Faculty Search Committee, Department of Statistics, MS 138, Rice University, Houston, TX 77251-1892

Include graduate transcripts if PhD earned within the last three years. Review of applications will begin 01/06/03 and continue until the position is filled. EOE/AA/ADA. See www.stat.rice.edu for more information.

USA: Texas

LECTURER:

The Department of Statistics at Rice University anticipates an opening for the position of Lecturer on Statistics. This is a one-year position but may be extended for multiple years. Duties include undergraduate and graduate student teaching and research. Excellence in teaching and research is required. Qualifications include PhD/DSc in statistics or closely related quantitative field. To apply send CV and four letters of reference to:

Chair, Faculty Search Committee, Department of Statistics, MS 138, Rice University, Houston, TX 77251-1892

Include graduate transcripts if degree earned within the last three years. Review of applications will begin 01/06/03 and continue until the position is filled. EOE/AA/ADA. See www.stat.rice.edu for more information.

USA: Texas

VISITING PROFESSOR:

The Department of Statistics at Rice University anticipates an opening for a visiting professor at any rank for the 2003-2004 academic year. To apply send CV and four letters of reference to:

Chair, Faculty Search Committee, Department of Statistics, MS 138, Rice University, Houston, TX 77251-1892

Review of applications will begin 01/06/03 and continue until the position is filled. EOE/AA/ADA. See www.stat.rice.edu for more information.

International Calendar of Statistical Events

IMS meetings are highlighted in maroon with the IMS logo and new or updated entries have the NEW symbol. t means telephone, f fax, e email and w website. Please send additions and corrections to Tati Howell at bulletin@imstat.org

February 2003

20-22: Aarhus, Denmark. **Workshop on Statistical Aspects of Microarray Data.** Organizers: Jens Ledet Jensen (Aarhus), Mathisca de Gunst (Eurandom), Mats Rudemo (Gothenburg), and Michael Sørensen (Copenhagen). **w** http://www.maphysto.dk/events/MicroArr03/

March 2003

IMS 27-29: U Washington, Seattle. Co-sponsored: **Seminar on Stochastic Processes**. IMS Rep Chris Burdzy: **e** burdzy@math.washington.edu **w** www.math.washington.edu/~burdzy/SSP2003

IMS 30-April 2: Tampa, FL. **ENAR/IMS Eastern Regional** (Sponsored/Numbered meeting 280). Program Chair: Daniel Scharfstein, Johns Hopkins U **e** dscharf@jhsph.edu ; Contributed Papers Chair: Karl Broman, Johns Hopkins U **e** kbroman@jhsph.edu. **w** www.enar.org

NEW 31 - April 2: Universitair Centrum, Limburgs, Belgium. **Workshop on Statistical Modelling for Complex Data.** Martine Machiels **e** martine.machiels@luc.ac.be **w** www.luc.ac.be/censtat **t** +32 11 268205

April 2003

NEW 26: U of Connecticut, Storrs. **17th New England Statistics Symposium**. Dipak Dey **e** dey@stat.uconn.edu **w** http://www.stat.uconn.edu/news/2003/ness1.html

May 2003

IMS NEW 3: U of Connecticut, Storrs. IMS Mini-meeting: **Statistics for Mathematical and Computational Finance** **w** www.stat.uconn.edu/~yzwang/IMSfinance

14-17: Chicago, Illinois. **Conference on New Directions in Experimental Design** (DAE 2003, Chicago). Focus: designs for biomedical and pharmaceutical studies. Contact Ken Ryan **e** kjryan@math.uic.edu **w** www.math.uic.edu/~kjryan/dae2003.html

NEW 15-17: Hotel Sol Galúa, La Manga, Spain. **Third Workshop on Bayesian Inference in Stochastic Processes (BISP03)** w http://www.upct.es/bisp03/ e Juan Antonio Cano Sánchez bisp03@upct.es or Fabrizio Ruggeri fabrizio@iami.mi.cnr.it

21-24: Columbia, South Carolina. **International Conference on Reliability and Survival Analysis.** **w** www.stat.sc.edu/~padgett/ICRSA2003

June 2003

NEW 1-30: National U of Singapore, Inst for Mathematical Sciences. **Program on Statistical Methods in Microarray Analysis** w http://www.ims.nus.edu.sg/Programs/microarray/index.htm

2-6: Dimacs Center, Rutgers U, NJ. **DIMACS Workshop on Complexity and Inference.** Organizers: Mark Hansen (Bell Labs), Paul Vitanyi (CWI & U Amsterdam), and Bin Yu (UC Berkeley). **w** http://stat.bell-labs.com/complexity

IMS NEW 4-6: University of Dayton, Ohio. **Spring Research Conference on Statistics in Industry and Technology**: Sponsored by IMS and SPES section of ASA. Program chair: Russell V. Lenth, U of Iowa, **e** russell-lenth@uiowa.edu, Local arrangements: Peter W. Hovey, U of Dayton, **e** peter.hovey@notes.udayton.edu **w** www.stat.uiowa.edu/SRC2003/

NEW 5-8: Sheraton Waikiki, Honolulu, Hawaii, USA. **2003 Hawaii International Conference on Statistics and Related Fields.** Key Speaker: Professor Bradley Efron, Stanford U. **w** http://www.hicstatistics.org

8-11: Halifax, Nova Scotia, Canada. **Annual Meeting of the Statistical Society of Canada**. Local Arrangements Chair: Chris Field, **e** field@mathstat.dal; Progam Chair: Doug Wiens, **e** doug.wiens@ualberta.ca; **w** www.ssc.ca. Includes two IMS Invited Paper Sessions: 'Machine Learning Methods from a Statistical Perspective', contact Yi Lin **e** yilin@cs.wisc.edu and 'Shape-Restricted Inference', contact Mary Meyer **e** mmeyer@stat.uga.edu

8-July 24: Snowbird, Utah. **2003 Joint Summer Research Conferences**. Jointly sponsored by IMS, AMS & SIAM. Conferences typically run for one week with forty-five to sixty participants. Conferences of longer duration are possible. Funding for the conferences is provided by a grant from the National Science Foundation. **w** http://www.ams.org/meetings/src03.html

9-12: KIMEP, Almaty, Kazakhstan. **ASIM 2003, International Conference on Advances in Statistical Inferential Methods**. (theory and applications) **w** www.kimep.kz/research/asim **e** voinov@kimep.kimep.kz

15-18: Merida, Mexico. **23rd International Symposium on Forecasting**. Principal organizer: Victor M. Guerrero (ITAM), **e** guerrero@itam.mx. **w** http//www.isf2003.org

NEW 15-19: Lund, Sweden. **SPRUCE VI Conference on Statistics for the Analysis of Risks and Benefits from the Environment.** Contact: Ulla Holst ulla@maths.lth.se w: www.maths.lth.se/conferences/spruceVI/

Continued on next page

International Calendar continued

June 2003 Continued

15-20: Centre Paul Langevin, Aussois, France. **Fourth International Workshop on Objective Prior Methodology** **w** http://www.ceremade.dauphine.fr/~xian/OBayes03

NEW 19-24: West Lafayette, Indiana. **7th Purdue International Symposium on Statistics.** Conference (*Statistical Decision Theory and Related Topics*) and 3 workshops (A: *Bioinformatics and Microarrays*; B: *Multiple Comparisons and Mixture Models for Large Data Sets*; C: *Statistical Consultancy*). Abstract submission, registration etc info w http://www.stat.purdue.edu/Symp7/

IMS 22-25: Colorado School of Mines, Golden, CO. **WNAR/IMS Western Regional** (Sponsored/Numbered meeting 281). Program Chair: Naisyin Wang, Texas A&M **e** nwang@stat.tamu.edu Local Arrangements Chairs: Jan Breidt **e** jbreidt@stat.colostate.edu and Jan Hannig **e** hannig@stat.colostate.edu

24-27: Technical U of Gdansk, Poland. **1st World Congress on Information Technology in Environmental Engineering (ITEE2003)** **w** www.icsc-naiso.org/conferences/ itee2003

NEW 29 - July 2: Barcelona, Spain. **International Conference on Correspondence Analysis and Related Methods (CARME2003).** Michael Greenacre e michael@upf.es. w www.econ.upf.es/carme/

July 2003

2-4: Palmerston, New Zealand. **NZ Statistical Association Annual Conference.** **w** www-ist.massey.ac.nz/stats/nzsa2003

NEW 7-11: Diepenbeek, Belgium. **18th International Workshop on Statistical Modelling.** w www.luc.ac.be/censtat/IWSM2003 e jeannine.rongy@med.kuleuven.ac.be

NEW 10-12: Hong Kong. **Bernoulli Society East Asian and Pacific Regional (EAPR) Conference 2003.** Keynote speakers are David Aldous, Friedrich Gotze, Zhi-ming Ma, Wing Hung Wong and C. F. Jeff Wu. w www.bm.ust.hk/~eapr2003

NEW 14-17: Leuven, Belgium. **RSS2003: Theme Conference of the Royal Statistical Society: Statistical Genetics and Bioinformatics.** w www.luc.ac.be/censtat/RSS2003 e martine.machiels@luc.ac.be

NEW 14-17: U of Lugano, Switzerland. **3rd International Symposium on Imprecise Probabilities and Their Applications (ISIPTA '03)** **w** http://www.sipta.org/~isipta03/ **e** Marco Zaffalon zaffalon@idsia.ch

14-18: University of Antwerp, Belgium. **International Conference on Robust Statistics 2003 (ICORS2003)** **e** statis@uia.ua.ac.be **w** win-www.uia.ac.be/u/icors03.htm

16-18: Universidad de Santiago de Compostela, Spain. **International Conference on Environmental Statistics and Health**. Scientific Committee Chair: Montserrat Fuentes (N Carolina State U); Local Arrangements Committee Chair: Wenceslao Gonzalez Manteiga (ISI-Spain). Program, registration, committees, sponsors and student travel grants: **w** http://isi-eh.usc.es

20-24: London, UK. **Joint International Society For Clinical Biostatistics/Society For Clinical Trials Meeting.** Program Co-Chairs: Deborah Ashby, University of London, Mary Foulkes, FDA **w** http://www.iscb-homepage.org, or http://www.sctweb.org

IMS 24-26: U of Puerto Rico, Rio Pedras Campus. **First Joint ISBA-IMS Meeting** (Sponsored/Numbered 282). Joint Program Chair: M J Bayarri, U de Valencia **e** susie.bayarri@uv.es Local Arrangements Chair Luis Pericchi, U of Puerto Rico **e** perricchi@goliath.cnnet.clu.edu **w** www.cnnet.clu.edu/math/ims-isba-pr2003

NEW 28 - August 31: Inst for Mathematical Sciences, National U of Singapore. **Program on Stein's Method and Applications:** A program in honor of Charles Stein. w www.ims.nus.edu.sg/Programs/stein/index.htm

IMS 29-August 1: U of California, Davis. **IMS New Researchers Conference** (Sponsored/Numbered meeting 283). Program Chair: Richard Levine, San Diego State U **e** ralevine@sciences.sdsu.edu IMS Local Chair: Juanjuan Fan, U of California, Davis **e** jjfan@ucdavis.edu **w** http://rohan.sdsu.edu/~ralevine/NRC (Note new web address)

31-August 2: Corvallis, OR. **Justus Seely Memorial Conference on Linear Models.** **w** www.oregonstate.edu/dept.statistics/seelyconf

August 2003

IMS 3-7: San Francisco, CA. **Joint Statistical Meetings** (ASA/IMS/ENAR/WNAR) including **IMS Annual Meeting**. Sponsored/Numbered 284. IMS Program Chair: Jane-Ling Wang, U of California, Davis **e** wang@wald.ucdavis.edu Contributed Papers Chair: Lutz Duembgen **e** lutz.duembgen@stat.unibe.ch

3-9: Rio de Janeiro, Brazil. **29th Conference on Stochastic Processes and their Applications.** Submit abstracts by May 1, 2003. Travel support available for U.S. participants to attend: apply by April 15, 2003. See conference website: **w** http://www.impa.br/Conferencias/Spa/

NEW 5-8: Dortmund, Germany. **12th International Workshop on Matrices and Statistics (IWMS-2003)** w http://www.statistik.uni-dortmund.de/IWMS/main.html. IWMS-2003 at U of Dortmund immediately before 54th Biennial Session of the ISI in Berlin. Contributed papers: abstracts by May 15, 2003.

10-20: Berlin, Germany: **International Statistical Institute, 54th Biennial Session**. Includes meetings of the Bernoulli Society, The International Association for Statistical Computing, The International Association of Survey Statisticians, The International Association for Official Statistics and The International Association for Statistical Education. w www.isi-2003.de Including IMS Invited Paper Session, 'The Analysis of Gene Expression Data': contact Mike West **e** mw@stat.duke.edu

September 2003

NEW 4-7: Villard de Lans, Grenoble, France. **International Workshop on Wavelets and Statistics: Watering the Seed** http://www-lmc.imag.fr/SMS/WaveletMeeting

2004

June 2004

NEW 16-18: Santander, Spain. **Distribution Theory, Order Statistics and Inference** - A Conference in Honor of Barry C. Arnold. Organizers: Prof. N. Balakrishnan bala@mcmail.cis.mcmaster.ca, Prof. Enrique Castillo castie@unican.es, Prof. Jose-Maria Sarabia sarabiaj@unican.es

July 2004

4-11: Copenhagen, Denmark. **10th International Congress on Mathematical Education. w** www.icme-10.dk

19-24: Montreal, Canada. **Stochastic Networks Conference w** http://www.stanford.edu/group/stochnetconf/

August 2004

8-12: Toronto, Canada. **Joint Statistical Meetings** (ASA/IMS/ENAR/WNAR). Sponsored/Numbered. IMS Program Chair: Michael Evans, U of Toronto **e** mevans@utstat.utoronto.ca

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	IMS Bulletin	IMS website
Frequency	Bimonthly	Updated daily
Established	1972	1996
Affiliation	Official news organ and website of the Institute of Mathematical Statistics	
Circulation	3,825 (Nov 2002)	8,821 (page visits - April 2002)

Subscription to the IMS Bulletin Volume 32 (6 issues in 2003) costs $55. To subscribe, call (301) 530 7029. For the IMS website, public access is free: www.imstat.org

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ADVERTISERS' DEADLINES AND MAIL DATES FOR IMS BULLETIN

Issue	Scheduled Mail Date	Deadline for Advertisement
Jan/Feb 03	February 1, 2003	December 31, 2002
Mar/Apr 03	April 1, 2003	February 28, 2003
May/Jun 03	June 1, 2003	April 30, 2003
Jul/Aug 03	August 1, 2003	June 30, 2003
Sep/Oct 02	October 1, 2003	August 31, 2003
Nov/Dec 02	December 1, 2003	October 31, 2003

We require electronic files sent via email (text, PostScript, PDF [grayscale **with all fonts embedded**] or MS Word) to erg@imstat.org, or camera Ready copy sent via mail to Elyse Gustafson, IMS Executive Director, address on page 2. This information can also be found at www.imstat.org/advertising.htm

In the next issue (March/ April 2003)

Mini-meeting reports, news from members around the world, meeting announcements and job opportunities. Send in your articles, feedback, letters…

Deadline for submissions: March 1

(Submissions in MS Word or plain text, please: see panel on page 2 for Bulletin contact details)

The purpose of the Institute is to foster the development and dissemination of the theory and applications of statistics and probability

Organized September 12, 1935

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The *IMS Bulletin* (ISSN 0146-3942) is published bimonthly by the Institute of Mathematical Statistics, PO Box 22718, Beachwood, OH 44122-0718, USA. Periodicals postage paid at Cleveland, Ohio, and at additional mailing offices. Postmaster: Send address changes to IMS, 9650 Rockville Pike, Suite L2310, Bethesda, MD 20814-3998.

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