



July/August 2003

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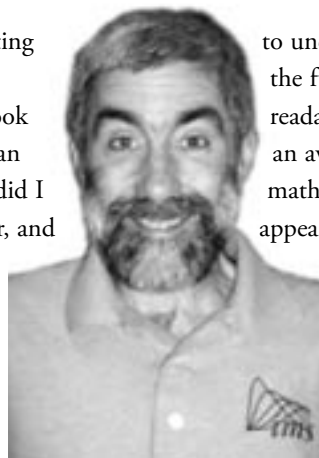
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## The IMS and Me – *by Terry Speed*

At the IMS Annual Meeting in San Francisco at the beginning of August, I took over from Raghu Varadhan as IMS president. What did I do to deserve this honour, and how did I get there? The fairly ordinary story that follows will, I hope, give you some idea of how the IMS can enrich your professional life, and how you can benefit from its activities. And yes, you too can be president: just hang in there!

For someone like me, spending the majority of his or her professional life in Australia, the IMS was the US-based society that produced the world's best math stat journal: *the Annals*. I first became aware of it 40 years ago during my second course in statistics, when we had to write an honors thesis. I did something on genetics, but one of my fellow students, Martin Rubinstein, chose to do his on the two-armed bandit problem. A paper on this topic by Dorian Feldman had come out the year before in the *Annals*, and Martin started carrying around this very large volume from the library containing it. Naturally I looked at it and the other articles, and concluded that although Fisher might be obscure, this stuff was worse: it was hard.

Not long after this I made a wonderful discovery, one which has had a huge influence on my reading and research. I found that it is mainly the recent issues of the *Annals* that are hard



to understand, and that in general, the further I went back, the more readable were the articles. I became an avid reader of old *Annals*, and math stat became much more appealing. It was just that I needed to stick to old, simple things, which I did.

Initially I didn't think of myself as an *Annals*/IMS type, but it turned out that I was wrong. The first indication I got of this was getting a co-authored paper published in the *Annals* that seemed very out of character for the journal. Then I got asked to become an associate editor, and later join the council. These very enjoyable experiences, plus several simple papers being published in IMS journals and a special invited talk at a meeting, made it quite clear that the IMS was the society for me. And so it has remained for over 20 years now.

Did I change, or did the IMS change? Knowing that one doesn't get smarter with age, I concluded the latter. Not being a very large society, it is quite democratic, and open to new ideas and changing trends, all the while remaining true to its mathematical traditions. I bring a rather different perspective from most in the IMS, being almost as interested in biology as I am in statistics. It is a great honor to be elected to this position, and I hope the coming year will justify your confidence in my ability to uphold the institute's traditions and advance its and your interests.

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## News from IMS members

The Royal Society of Canada has announced that among its 60 new Fellows are **Keith Worsley** (McGill University, Montréal) and **Jim Zidek** (University of British Columbia). Fellowship in the Royal Society of Canada is considered Canada's most prestigious academic accolade to which scholars and scientists aspire. "The Royal Society of Canada is honoured to celebrate the outstanding accomplishments of our New Fellows", said Howard Alper, President of the Royal Society of Canada. "They add in a meaningful and significant way, to the extraordinary resource of talent and experience that constitutes the Society."

The citations read as follows:

*"Keith Worsley has made basic contributions to mathematics, probability, statistics and neuroscience. His work has caught the attention of scientists world-wide. He is the outstanding researcher on statistical problems of brain imaging, his methods providing a theoretical basis for work on PET and MRI studies. His formal results have surprised both topologists and probabilists. Dr. Worsley continues the fine tradition of innovative neuroscience work that Montreal is known for, as well as giving Canada's statistical community prominence around the world."*

*"James V. Zidek is an innovative researcher who has made fundamental contributions in statistical decision theory and developed theoretical foundations for the problems of decision making by multiple decision makers and of forming an aggregate opinion for a panel of experts. In recent work focusing on environmental science, he has developed novel approaches to designing monitoring networks and to interpolating a multivariate spatial random field, such as several air pollutants measured at a network of monitoring stations, thereby allowing improved estimation of the exposure of individuals for use in the evaluation of the health impacts of air pollution."*

This year's new Fellows will be inducted to the Society in a ceremony set to take place in Ottawa on Monday, November 24, 2003. The complete list of newly elected Fellows and their affiliations is at <http://www.rsc.ca>.

### UNSW Honors James B Douglas

On May 2, 2003, the University of New South Wales in Sydney, Australia, awarded James Douglas an Honorary Doctor of Science, in recognition of his contributions to the establishment of statistics as a discipline in Australia. Jim is acknowledged both as an expert statistician, and as a mentor to many younger statisticians who have gone on to great things. He was also one of the world leaders in using the computer for statistical calculations.

**Jagdish Chand Ahuja**, Professor of Statistics at Portland State University, has been appointed Life Fellow of the International Biographical Centre of Cambridge, UK. The United Cultural Convention of USA has also awarded him its "Noble Prize", for "outstanding achievement and contributions to worldwide humanity".

### A K Md Ehasnes Saleh Elected Fellow of the Bangladesh Academy of Sciences

IMS Fellow, Professor Emeritus and Distinguished Research Professor A K Md Ehsanes Saleh, of the School of Mathematics and Statistics at Carleton University, Ottawa, has been elected Fellow of the Bangladesh Academy of Sciences in recognition of his distinguished and continuing achievements in research in statistical sciences. This is considered one of the highest honors that can be bestowed a scientist or engineer of Bangladesh. Dr Saleh, who is also an ASA Fellow and an elected member of ISI, was awarded the Q M Hosain Gold Medal in 1992 as the best statistician of Bangladesh and in 1998 he was awarded the ISOSS Gold Medal as the best researcher from the Islamic countries.

## James O. Berger Elected to National Academy of Sciences

James O. Berger, Arts and Sciences Professor of Statistics in the Institute of Statistics and Decision Sciences at Duke University, has been elected to the US National Academy of Sciences. The NAS announced the election of 72 new Members, and 18 Foreign Associates from 11 countries, in recognition of their distinguished and continuing achievements in original research. Election to membership in the Academy is one of the highest honors that can be accorded a US scientist or engineer.

Jim's citation reads: "*Berger is a leader in the decision-theoretic study of statistical estimation and a pioneer in the development of novel approaches to Bayesian inference. His work revolutionized the modern study of admissibility of estimators in multivariate statistical settings and helped establish the superiority of Bayesian estimators using frequentist criteria.*"

Jim has been a statistics professor at Duke since 1997, and became director last year of SAMSI, the Statistical and Applied Mathematical Sciences Institute, a national research institute in the mathematical sciences (see <http://www.samsi.info>). From 1974 to 1997 Berger was on the faculty of Purdue University, ultimately as Richard M. Brumfield Distinguished Professor of Statistics. During those years he wrote two influential books, *Statistical Decision Theory and Bayesian Analysis* (1985), and *The Likelihood Principle: A Review and Generalizations* (1988).

Jim's research has been primarily directed towards the development and application of the Bayesian approach to statistical science, as well as exploration of the interface between Bayesian and frequentist statistics. Berger has received Guggenheim and Sloan Fellowships and, in 1985, received the Committee of Presidents of the Statistical Societies (COPSS) Presidents' Award, given each year to an outstanding statistical scientist under age 40. He was President of the IMS in 1995-96 and co-editor of the *Annals of Statistics* in 1997-2001. In 2002 he was elected a foreign member of the Spanish Real Academia de Ciencias.

He says, "I am delighted at the honor of being elected to the National Academy of Sciences, both personally and because of its additional acknowledgment that Statistics is central to the world of science. It will be an exciting challenge to contribute to the Academy's activities directed to the betterment of science and society."

Jim's colleague Alan Karr said he was "...thrilled for Jim personally, and also to see someone linked closely with SAMSI and NISS receive this honor. Jim's research is simply among the very best, combining extraordinary depth and uncommon breadth. From a larger perspective, the Academy's electing Jim and other statistical scientists shows, even though we sometimes wonder, that there is understanding outside of statistics of the need for and contributions of our discipline."

A full directory of NAS members can be found online at <http://national-academies.org/nas>.



## Executive Committee

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# More news of IMS members and other awards

## Mary Thompson wins 2003 SSC Gold Medal Award



The Statistical Society of Canada has awarded its 2003 Gold Medal to Dr Mary E. Thompson. The Gold Medal is given to a person who has made substantial contributions to statistics or probability, either to mathematical developments or in applied work. The Gold Medal is intended to honor current leaders in their fields.

Dr. Thompson received her PhD in 1969 from the University of Illinois. Since the beginning of her career, she has published numerous articles in different areas of statistics ranging from epidemiology through to sample survey and stochastic process. She is one of the top three worldwide in connection with research on estimating equations and surveys and, in the top ten in connection with her earlier work on the foundations of inference in survey sampling. She also supervised more than 20 Ph.D. students. Dr. Thompson was also elected fellow of the American Statistical Association in 1985 and fellow of the IMS in 1998. She is now the President of the SSC.

In addition to her academic achievements, Dr. Thompson was associate editor for the *Journal of the American Statistical Association* from 1982 to 1985 and member of the Editorial Board of *Liaison* (1987-88) and the *Canadian Journal of Statistics* (1999-2001). She held also several administrative positions at University of Waterloo, such as Associate Chairman of the Statistics from 1979-84, Associate Dean for Graduate Studies and Research of the Faculty of Mathematics from 1988-91, Chair of the Statistics and Actuarial Science from 1996-2000 and Acting Dean of the Faculty of Mathematics in 2001.

The Statistical Society of Canada has also announced that **Dr Grace Chiu** has been awarded the 2002 **Pierre Robillard Award**. This award recognizes the best doctoral thesis in statistics defended at a Canadian university in 2002. Dr. Chiu's thesis "*Bent-Cable Regression for Assessing Abruptness of Change*" was written under the supervision of Professors Richard Routledge and Richard Lockhart of Simon Fraser University. Dr. Chiu is currently a PIMS Postdoctoral fellow. The Award is in honour of Pierre Robillard, a talented and dynamic young statistician, whose untimely death in 1975 cut short what promised to be a brilliant and distinguished career in his chosen profession.

The SSC has also announced that **Dr Marc Moore** has been nominated **SSC Honorary member**. An Honorary member is a statistical scientist of outstanding distinction who has contributed to the development of statistics in Canada. Dr. Moore spent his entire career at École Polytechnique de Montréal where he was Chair of the Applied Mathematics Department in 1981-84 and 91-94. He was member (and twice chair) of the NSERC Statistical Sciences grant selection committee and the NSERC Collaborative Projects grant selection committee in 1994-95. He was also a member of the Advisory Committee on Statistical Methodology of Statistics Canada from 1985-88. From 1989 to 1992, he also served on the FCAR Research team Committee 03. Dr. Moore was member of the board of the Statistical Society of Canada in 1982-85 and he was President of the Society in 1995-96. He served as Associate Editor of the *Canadian Journal of Statistics* from 1981 to 1994 and as Chief Editor from 1989 to 1991.

## 2003 SSC Service Award for David Bellhouse



The Statistical Society of Canada has awarded Dr David R. Bellhouse its 2003 SSC Service Award, in recognition of distinguished service to the Society, for an individual who has made "substantial contributions to the operation or welfare of the SSC over a period of years".

David received his PhD from the University of Waterloo in 1975. His contributions to the SSC include periods serving as Associate Editor for the *Canadian Journal of Statistics* (CJS), SSC Secretary and President. David was Chair of the Department of Statistical and Actuarial Sciences of University of Western Ontario from 1992-99, publishing more than 70 papers in several areas of statistics in refereed journals. He has been Associate Editor for the *Journal of the American Statistical Association*, *Computational Statistics and Data Analysis*, *Chance* and *Survey Methodology*. He also received the UWO Gold Medal for Excellence in teaching in 1985, he was elected member of the International Statistical Institute in 1987 and Fellow of the ASA in 1989.

**Calyampudi R. Rao**, Emeritus Holder of the Eberly Family Chair in Statistics, has been awarded the prestigious Srinivasa Ramanujan Medal by the Indian National Science Academy, which is given once in three years for outstanding contributions to the discipline of mathematics or a related subject.

A President's National Medal of Science Laureate, Dr. Rao is a Member of the US National Academy of Science and a Fellow of the Royal Society, and is internationally acknowledged as one of the pioneers who laid the foundations of modern statistics.

**Woodall receives Shewhart Medal from the American Society For Quality**

William H. Woodall, professor of statistics at Virginia Tech, has received the Shewhart Medal from the American Society for Quality (ASQ). The Shewhart Medal is presented to the individual who has been deemed by the committee to have made the most outstanding contribution to the science and techniques of quality control, or who has demonstrated leadership in the field of modern quality control. The citation: *“for the advancement of the science of quality control including the development of new methodology for statistical process monitoring and control, and for effective dissemination and implementation of these techniques through excellence in university teaching, extensive publications, presentations at scientific meetings, and personal consulting activities in different industrial environments.”*

Dr Gopal Chaudhuri, Indian Institute of Management Kozhikode, Kerala, India, has been awarded a U.S. patent for his contribution to system reliability (Patent #: US 6,560,584 B1)

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**LECTURE  
NOTES –  
MONOGRAPH  
SERIES**



**Volume 40:  
Science and Statistics:  
A Festschrift for Terry Speed**  
Darlene R. Goldstein, Editor

This special volume has been compiled to honor Terry Speed. It contains contributions offered by his colleagues and students on such diverse topics as probability, algebraic experimental design, generalized linear models, statistical education, and assorted applications, including the US census, fire risk assessment, and genetics.

View a PDF of the contents at <http://www.imstat.org/publications/lrms40.pdf>



*Terry Speed being presented with his LNMS volumes*

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**Bradley Efron receives C.R. & Bhargavi Rao Prize**

Brad Efron, Professor of Statistics and Max H. Stein Professor of Humanities and Sciences at Stanford University, was awarded the C.R. & Bhargavi Rao Prize in April 2003 at the Statistics Department, Pennsylvania State University. The prize was established to



*Brad Efron (center) with C.R. Rao and Mrs. Bhargavi Rao*

honor and recognize outstanding and influential innovations in the theory and practice of mathematical statistics, international leadership in directing statistical research, and pioneering contributions by a recognized leader in the field of statistics.

Professor Efron is recognized for his fundamental contributions to statistical science creating a wide impact on the current theory and practice of statistics. His contributions include bootstrap, hailed as the most important new idea in statistics in the last 3 or 4 decades, statistical curvature in estimation theory, empirical Bayes methods, survival analysis, clinical trials, likelihood theory and survey sampling.

## Who's this?

In another of an occasional series, we profile here the staff of the IMS Dues and Subscriptions Office, with whom IMS members may have contact from time to time.

The IMS contracts with the Federation for American Societies in Experimental Biology (FASEB) to provide all our dues and subscription processing. They provide a similar service for numerous societies and this knowledge and expertise provides the IMS with efficient and dedicated service. When contacting the IMS Dues at Subscription office at FASEB you may have the opportunity to encounter several individuals. Here is a little information about each person and the service they provide to the IMS.

### *Eleanor Peebles, Manager:*

Ellie manages the dues and subscriptions office. She has embraced the IMS and has set us on a course for timely and efficient dues and subscription processing. She also digs right in and assists with payment processing during peak renewal periods (November-March).

### *Jan Packard, Dues and Subscriptions Representative:*

Jan is devoted full time to the IMS. Jan has made it her job to know the ins and outs of the IMS membership and subscriptions. She maintains databases for members and non-member subscribers. She processes membership and subscription renewals, new member applications and book orders.

### *Zeda Ruhl, Customer Service:*

If you call the dues office most likely you will hear Zeda's voice on the other end of the phone. She can answer your questions, supply your

ID number, send you a receipt and provide general information you may need.

### *Sharon Qaranivalu, Claims Personnel:*

Did you not get an issue? Then Sharon is the one who can help. She processes claims for missing issues of the journals and sends out book orders.

### *Avanija Kalyandrug, Office Clerk:*

Avanija always has a smile on her face as she assists in processing IMS payments quickly. You may hear from her if there is a problem with your renewal.



*Pictured clockwise from the top: Eleanor Peebles, Jan Packard, Avanija Kalyandrug, Zeda Ruhl, Sharon Qaranivalu*



## Report from the Workshop on Current Trends in Bayesian Methods

**C.R. Rao writes:** A two day workshop (April 25-26, 2003) was held at the Pennsylvania State University featuring J.O. Berger, B. Efron, J.B. Kadane, Dipak Dey and B. de B. Pereira as keynote speakers. On this occasion J.O. Berger was honored as Parachuri R. Krishnaiah Visiting Scholar, 2003. Topics discussed were Bayesian criterion for model selection, nonparametric Bayesian survival analysis, Bayes and bootstrap, Conjoint analysis and future trends of Bayesian analysis.

**Been somewhere interesting recently? Tell us about it!**

We welcome reports of meetings and conferences that you have attended or organised.

Send them in to [bulletin@imstat.org](mailto:bulletin@imstat.org)

### Past Editors of *The IMS Bulletin*

**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)**

# IMS Elections: Results



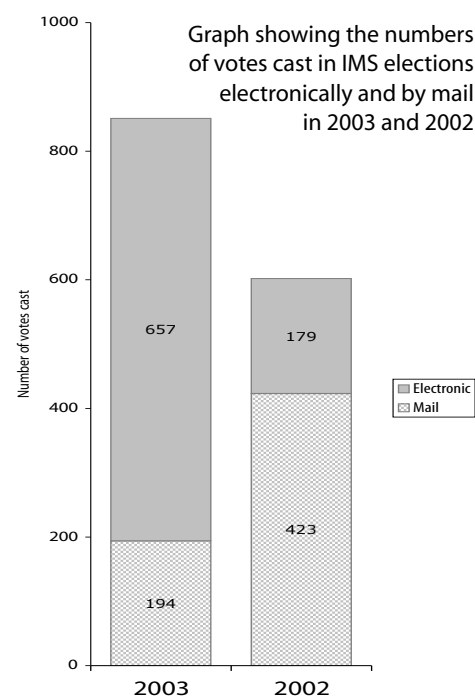
The results of the recent IMS elections for President and Council members have been announced.

**Louis Chen** is the new President-Elect, and the five new Council members are **Jianqing Fan**, **Richard Gill**, **Hans Künsch**, **Christian Robert** and **Ruth Williams**. They are profiled briefly below.

There was a big increase in the numbers of votes cast online (see chart) indicating that this method is popular with members.

And although 229 fewer people voted by mail, the overall number of votes increased by 249. The proportion of members voting remained constant, however, at around 23%.

The new Council members will begin their terms in August at the Annual Meeting. They are 'replacing' Peter Bickel, Wayne Fuller, Peter McCullagh, John Rice and Jessica Utts. Outgoing past-President Iain Johnstone will be 'replaced' on the IMS Executive by incoming President-elect Louis Chen.



## *The successful candidates:*

### **PRESIDENT-ELECT**

**Louis H Y Chen**, Professor, Institute for Mathematical Sciences, Dept of Statistics and Applied Probability, Dept of Mathematics, National U of Singapore



**Research interests:** Applied probability; Stein's method of probability approximations; Biomolecular sequence analysis

**Previous Service to IMS:** Member, IMS Nominating Cttee (1996-97, 2000-01)

Comm on Nomination (2002); Associate Editor, *The Annals of Statistics* (1998); Various conference session organizers.

**Richard Gill**, Professor, Dept of Mathematics, U of Utrecht  
**Research interests:** Statistics and probability in quantum physics, quantum information; Causality; Semiparametric models; Missing data, censoring



**Previous Service to IMS:** Member, IMS Council; IMS Bernoulli Society Liaison

**Christian P Robert**, Professeur de Statistique, CEREMADE, Université Paris Dauphine

**Research interests:** Bayesian inference (model choice, testing); Simulation methods (MC, MCMC, sequential MC); Bayesian econometrics

**Service to IMS:** Associate editor, *Annals of Statistics* (1998-); Associate editor, *Statistical Science* (2000-); Member, Nominating Cttee (1997)

### **NEW COUNCIL MEMBERS**

**Jianqing Fan**, Professor of Statistics; Chair, Dept of Statistics, Chinese U of Hong Kong



**Research Interests:** Semi- and Non-parametric modeling; Functional data analysis; Nonlinear time series; Survival analysis; Wavelets; Financial econometrics; Errors-in-variables

**Service to IMS:** Member, Comm on Special Invited Papers (2000-2003); Member,

**Hans R Künsch**, Professor, Department of Mathematics, Seminar für Statistik, ETH Zurich, Switzerland

**Research interests:** State space and hidden Markov models; Sequential Monte Carlo methods; Spatial statistics; Bootstrap methods for dependent observations; Robust statistics



**Service to IMS:** Co-editor, *Annals of Statistics* (1998-2000); Associate editor, *Annals of Statistics*, (1987-1991 and 1995-1997)

**Ruth J Williams**, Professor, Mathematics, U of California, San Diego, USA

**Research interests:** probability and analysis, stochastic processes and their applications, reflected diffusions, stochastic networks  
**Service to IMS:** Cttee on Named and Special Invited Lectures (1999-2002) (Chair in 2002); Search Cttee for new editor of (1999); Cttee on Fellows, (1994-97) (Chair, 1997). Nominating Cttee (1994).

# Meet the Members

Four more long-standing and new members tell us some interesting things:

## Susan Murphy



Professor of Statistics and Senior Research Scientist, University of Michigan  
Member of IMS for 12 years

If you could have dinner with someone famous, living or deceased, who would it be? Grace Wahba (I've already had a lunch with her—why not dinner as well!)

What is the last book you read or movie you saw? Last Movie: *Bend It Like Beckham*. Last Book: *Falling Free* by Bujold (won the Nebula award for Sci-Fi)

What did you do last Saturday? I went to the Zoo!

You have unlimited funds for a one week dream vacation, where would you go?

I'd go to the Moon or somewhere in Space.

## Jiayang Sun

Professor of Statistics  
Case Western Reserve University  
Member of IMS for 15 years

If you could have dinner with someone famous, living or deceased, who would it be? Bill Cosby, it'd be fun to talk with him.

What is the last book you read or movie you saw? A statistics book, and a movie titled *Last Castle*.

What did you do last Saturday?

Relaxed with family and friends, and did some gardening.

You have unlimited funds for a one week dream vacation, where would you go?

To the Moon.

Tell us something that others might find surprising about you...

I once learned some Karate.

## Peter Hall



Professor of Statistics, Australian National University  
Member of IMS for more than 25 years.

If you could have dinner with someone famous, living or deceased, who would it be?

I'd like to spend time with the British engineer, Isambard Kingdom Brunel; and with the US President, Lyndon B. Johnson, whose aspirations were sadly so different from his achievements.

What is the last book you read?

The last book was *1688 — A Global History*, by John Wills

What did you do last Saturday?

I caught a flight across the Pacific, from Sydney to San Francisco.

You have unlimited funds for a one week dream vacation, where would you go?

"Vacation"? I'm not quite sure what that word means.

Tell us something that others might find surprising about you...

If I had my life over again, I'd probably be a mechanical or aeronautical engineer, not a mathematical scientist.

## Sebastien Van Belleghem



PhD Student (FNRS Research Fellow)  
Institute of statistics, Catholic University of Louvain (Belgium)  
Member of IMS for 2 years

If you could have dinner with someone famous, living or deceased, who would it be?

Blaise Pascal

What is the last book you read?

Last statistical book: the new book *Nonlinear time series* by Fan and Yao. Last general book: a French book by Jean Raspail named *L'anneau du pêcheur (The Ring of the Sinner)*. That's a very exciting story based on some surprising historical facts.

What did you do last Saturday?

I was gardening

You have unlimited funds for a one week dream vacation, where would you go?

Newfoundland and Labrador!

Tell us something that others might find surprising about you...

Before starting my studies, I hesitated between mathematics and philosophy.

Finally, I think I made the right choice!

Looking for a new position?  
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## OBITUARIES:

### **Ruben Gabriel, 1929-2003**

IMS Fellow Kuno Ruben Gabriel, Professor Emeritus of the University of Rochester, died in May of pancreatic cancer, aged 74.

Ruben Gabriel was born in Germany in 1929. His family soon fled to France and then to Palestine, where he was raised on a kibbutz. Following a secondary education by correspondence courses, he studied at the London School of Economics and earned a PhD in Demography at the Hebrew University of Jerusalem in 1957.

He was on the Statistics Dept faculty there for many years, including a term as chair, and moved to the University of Rochester as Professor of Statistics in 1975, serving as chair from 1981 to 1989 and retiring in 1997. He also served as Professor of Biostatistics in the University's Medical Center, collaborating on medical research with faculty in many departments.

Gabriel had a distinguished statistical research career, with 150 scientific publications; he was an ASA Fellow and an elected member of the International

Statistical Institute. Among his research accomplishments were developments and applications of Markov-dependent Bernoulli trials; simultaneous confidence bands and test procedures; re-randomization inference procedures; and multivariate data analysis. Of special note was his 'biplot', a graphical representation of a rank-2 approximation to a data matrix, facilitating structural understanding of such multivariate data and now used in data analysis in many fields.

His main field of application was meteorology, with 50 publications on weather-related research. He played a significant role in weather-modification research activities, and was a major initiator and promoter of sound statistical design and analysis in this field. He had a primary role in the Israeli Rainfall Stimulation Experiments and served as a consultant on other weather research experiments, analyses, and review panels across the world.

He served as a research collaborator and visiting professor at many institutions, including the University of North Carolina,



Stanford, Princeton, Kansas, and several universities and research agencies in France, Switzerland, Spain, Germany, Argentina and Australia. He lectured and wrote in any of five languages.

Gabriel is survived by three daughters—Orna Samuely, Osie Adelfang and Shira Gabriel—and two granddaughters, Anna and Ellie Adelfang. His last days were spent in the care of his friend and companion, Sara Eapen of Boston. Interment was in Kibbutz Givat HaShlosha in Israel, where he spent his childhood years.

*W. J. Hall, Rochester, NY*

### **Joseph L. Fleiss, 1937-2003**

We report the death of Joseph L. Fleiss, for many years a professor of biostatistics at Columbia University's Mailman School of Public Health.

Fleiss wrote more than 200 scientific and statistical papers, as well as two books that are considered to be classics in biostatistics. His first, *“Statistical Methods for Rates and Proportions”* (1973), addressed the apparently simple issue of using proportions to summarize counts and frequencies; it has been particularly influential in the fields of epidemiology and psychiatry, where it was used to define acceptable statistical practice for many scientific journals, and it continues to be frequently cited. Fleiss's second book, *“The Design and Analysis of Clinical Experiments”*

(1986), was equally influential—it is now a 'Wiley Classic'—but with a completely different group of medical researchers. Instead of simply dwelling on the details of statistical analysis of data already in hand, Fleiss challenged biostatisticians and medical researchers to think carefully about how to plan and interpret studies that used humans as the experimental subjects.

Joseph Fleiss was born in Brooklyn, New York in 1937. He graduated from Columbia College (A.B.) in 1959, then from Columbia's School of Public Health (MS, 1961) and Department of Mathematical Statistics (PhD, 1967). From 1967 to 1986 Fleiss worked at the New York State Psychiatric Institute. In 1975, he returned to Columbia as Professor and Head of the Division of Biostatistics

at the School of Public Health, until he stepped down due to illness in 1991. Fleiss took over a small program that consisted of locally-trained statisticians, but immediately began to recruit faculty from top institutions around the country to build the foundation of a nationally regarded biostatistics department.

Fleiss received many honors for his work bridging statistics and medical science. He was an ASA Fellow; the American Public Health Association awarded him the Spiegelman Gold Medal in 1973 and the Recognition Award from their Statistics Section in 1988, when he also received a Lifetime Contribution Award from the Harvard University.

He is survived by three children and six grandchildren.

# Letters to the Editor

Letters on any issue of interest to IMS members are welcome. Email your letters to the Editor at [bulletin@imstat.org](mailto: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.

## Christopher Tong writes further comments on the review times for Statistics and Physics Journals

### Dear Editor:

Last year, Larry Wasserman published a letter in the IMS Bulletin where he compared review times for statistics papers with those for physics papers. He wrote, "Review times in physics are measured in days or perhaps weeks. When I tell my physics colleagues that it can be months or years in our field [statistics], they are stunned." In their reply, the co-editors of the *Annals of Statistics* dismissed Wasserman's claim with the following statement: "We feel that Larry's comparisons with physics are misleading. Although referee times for the publications emphasizing short publications may be short, review times for the mainline journals in Astronomy are as long as those for the *Annals* according to one of our Associate Editors with experience in this area."

Instead of changing the subject to Astronomy and citing anecdotal evidence, I would like to present data that support Wasserman's point that the editorial process for physics journals is by far shorter than that for statistics journals. I am interested in the comparison with physics in particular, since (in my view) the field has many "best practices" in scientific publishing and communication.

The most prominent research journals in physics are the sections of the *Physical Review*, published by the American Physical Society (APS). The editorial staff of the journals have graciously provided

me with the median times for articles to be published in the journal in 2002. Specifically, they provided times for receipt to acceptance (which includes peer review) as well as from acceptance to publication, for both regular articles as well as articles receiving expedited review/publication (letters and rapid communications). The data for each section of the journal are presented in the table below. The second column includes only direct submissions, not transfers from other sections of the journal, but the third column includes all papers. I am grateful to Barbara Gill for compiling the data, Margaret C. Foster for arranging for its release and sending it to me, Editorial Director Stanley G. Brown, and their colleagues Margaret Malloy, Gary Grest, and Frederick MacKintosh, all of APS.

*Median times (in days) for Physical Review papers published in 2002*

Regular Articles and Brief Reports:		
Section	Receipt to acceptance	Acceptance to published date
A	98	71
B	131	60
C	89	54
D	64	99
E	99	74
ST-AB	99	21
Rapid Communications and Letters:		
Section	Receipt to acceptance	Acceptance to published date
A	86	51
B	71	45
C	60	35
D	52	43
E	71	54
L	134	36

For reference, the sections of the journal are as follows: A (Atomic, Molecular, and Optical Physics), B (Condensed Matter and Materials Physics), C (Nuclear Physics), D (Particles, Fields, Gravitation, and Cosmology), E (Statistical, Nonlinear, and Soft Matter Physics), L (Letters), and the online-only ST-AB (Special Topics: Accelerators and Beams).

It is important to note that each of these "sections" functions as an autonomous journal, each with its own editorial staff and production schedule. Also, the editorial review process for all sections is conducted mainly electronically, and publication is online first (so that published date in the table refers to the date of online publication).

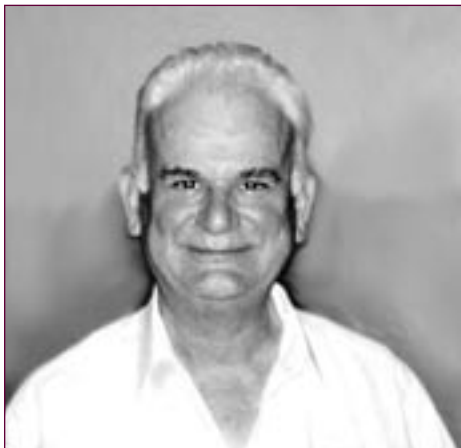
Although only the median times are reported here, and not any data on variability (which are unfortunately not available), the median total time between submission and publication is certainly measured in months, not years (as is the case in statistics).

Sincerely,

Christopher Tong  
Merck Research Laboratories,  
Rahway, NJ

# George Styan to receive IMS Carver Medal

A profile of a dedicated and energetic man, one of our best-loved statisticians, known to many IMS members as the one who transformed the *IMS Bulletin* “from staid to interesting” (Ingram Olkin). Tati Howell reports.



**George Peter Hansbenno Styan**, Professor in the Department of Mathematics and Statistics at McGill University, Montréal, Canada, has been chosen by a committee of past IMS presidents as the second recipient of the Carver Award. The announcement was made by outgoing President Raghu Varadhan at JSM San Francisco; George will be presented with the Carver Medal at next year's Annual Meeting in Barcelona (see next page).

His citation reads “For dedicated and enthusiastic service to the IMS and the statistics profession throughout his career; for substantial and innovative editorial achievements in his vitalization of the *IMS Bulletin*, including founding the International Calendar of Statistical Events, in his role as editor of *Chance*, and in his longstanding and continuing contributions to the *Current Index to Statistics*; for exemplary service to the IMS through membership on organizing committees for many international meetings and on its Council; and for elevating the taste of the statistical community with élan and savoir faire as a gourmet par excellence.”

George was born near London, England, in 1937, and graduated from the University of Birmingham with a BSc in Mathematics in 1959. He moved to Ohio

for a couple of years in 1960 to work for Proctor and Gamble, then moved on to New York for his MA (1964) and PhD (1969) in Mathematical Statistics from Columbia U. His dissertation was on correlational models: Ingram Olkin called it, “a beautiful piece that provided not only theoretical results but also a lovely history of the subject”.

1969 saw George move to Montréal for the start of his many years at McGill University, working first in the Dept of Mathematics, then in 1983 in the newly formed Dept of Mathematics and Statistics, where he now serves as Professor. He lives in Montréal with his wife, Evelyn. During his career he has been active in research: he has published 110 papers and 6 books, with several more in the pipeline, and his research interests are broad.

However, a glance at his CV reveals that George is obviously committed to more than simply publishing: he clearly believes in the community of statisticians, having been on the organizing committees for numerous conferences and meetings, edited and contributed to several journals and statistical magazines, and traveled the world on visiting lectureships.

Most longer-term IMS members will particularly recall George's time as Editor of the *IMS Bulletin* between 1987 and 1992. His successor, Susan Wilson, described George in her first editorial as a “hard act to follow ... What a superb job he has done in so many ways, including taking the *Bulletin* into the desktop publishing age and increasing the variety of articles” (*IMS Bulletin*, Vol 22, No 1, 1993, 2). She now says, “George is extremely generous, has boundless energy, is a lover of fine food and wine, and absolutely detests paperclips. Further, he has an eye for detail, and would

have pointed out that it is *The IMS Bulletin* not the *IMS Bulletin*!”

Jessica Utts was Treasurer at the time George was *Bulletin* Editor. She recalls, “He made a great game of negotiating his budget with the Treasurer, or at least with this Treasurer! While all of the other Editors simply accepted what was budgeted, George required at least one meeting (over a fine meal, of course) to work out what was reasonable. As I recall he usually ended up with what would have been budgeted anyway, but it was fun to pretend that it might come out differently, and it provided me with the opportunity to learn the details of his operation.”

George's friend and colleague, Keith Worsley is a “huge admirer” of George's energy and enthusiasm, and “above all, his belief that life should be enjoyed to the maximum. As a colleague of 25 years, I always look forward to his arrival at the office - you can always hear George in the distance, coming down the corridor! This signals that the coffee will be on, the editorial office, with its myriad helpers (‘angels’), will be in full swing, and a little bit of life has returned to the department.”

George was elected IMS Fellow in 1992, “for contributions to matrix methods for statistics, for service to the IMS and for service to the profession”. The Carver Award serves to underline the respect and gratitude of the Institute. David Brillinger sums this up: “George Styan has been improving both the professional and research sides of Statistics around the world my whole career. I have watched the conferences he has organized, the journals he has upgraded, and the moments that he has enlivened with total admiration. George has made a difference. We are lucky to have lived during his time.”

# IMS Meetings around the world

## Barcelona: IMS Annual Meeting 2004

**We look ahead to next year, when our Annual Meeting will be in sunny Spain, with the Bernoulli Society**

The sixth joint meeting of the IMS and the Bernoulli Society will take place in Barcelona, July 26–30, 2004. Scheduled every four years, the joint IMS/BS meetings are the major worldwide events in Probability and Statistics.

The program will cover a wide range of topics in statistics and probability, presenting recent developments and the state of the art in a variety of modern research topics and in applications such as mathematical finance and statistical bioinformatics. The program will include up to 12 Special Invited Lectures given by leading specialists, 35 invited paper sessions and a large number of contributed talks.

The venue of the meeting is the old building of the University of Barcelona, located downtown. Barcelona, the capital of Catalonia, is on the Mediterranean coast, and enjoys pleasant temperatures all year round. The sometimes heavy rainfall helps to maintain the many green areas around the city. Barcelona is at the leading edge of fashion, architecture, cuisine and style. As well as providing the vibrant backdrop of a

cosmopolitan city with historic buildings, Gaudi's famous architecture, museums and numerous restaurants, Barcelona enjoys glorious beaches and easy access to coastal villages. The unique style of Barcelona, a city of contrasts, makes it one of the world's most popular conference destinations.

The main speakers will be: **David Aldous** (Kolmogorov Lecture); **Wendelin Werner** (Lévy Lecture); **Jun Liu** (Bernoulli Lecture); **Steffen Lauritzen** (Laplace Lecture); **Iain Johnstone** (IMS Wald Lecture, 3 sessions); and **Peter Bickel** (IMS Rietz Lecture)

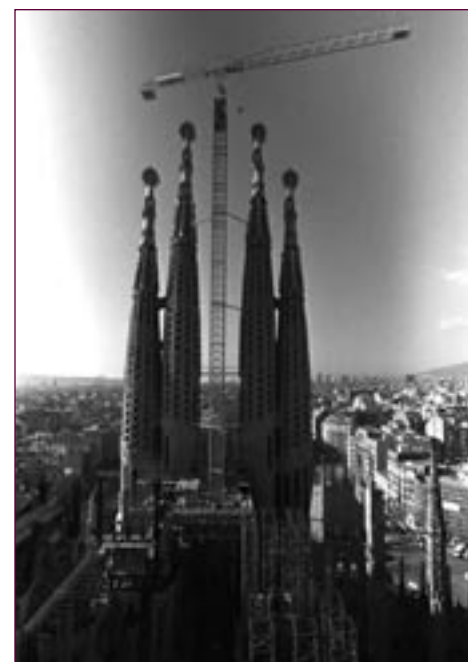
The IMS Medallion Lecturers speaking here are: **Vladimir Koltchinskii**, **Evarist Giné**, **Cun-Hui Zhang**, and **Alison Etheridge**.

On behalf of the Scientific and Organizing Committees (David Nualart is Chair of the Organizing Committee; Wilfrid Kendall is Chair of the Scientific Committee) you are warmly invited to come to Barcelona. Your participation will ensure that 2004 IMS/BS meeting will become an unforgettable scientific event.

**Further Information** is available from

IMS/BS Meeting, IMUB, Barcelona 08007, SPAIN. Phone (+34) 93.402.13.85; Fax (+34) 93.403.59.63; [wc2004@imub.ub.es](mailto:wc2004@imub.ub.es)

The conference website is at <http://www.imub.ub.es/events/wc2004/> More information about Barcelona is available at <http://www.barcelonaturisme.com/>



Sagrada Família, by Antonio Gaudi, is one of Barcelona's iconic buildings

**This workshop is now IMS-sponsored**  
**Workshop on Adaptive Designs**  
**September 25–27, 2003**  
**Fields Institute, Toronto, Canada**

A Workshop on Adaptive Designs will be held at the Fields Institute in Toronto, Canada on September 25–27, 2003. The conference aims to bring senior researchers in the dynamic field together with interested students and young researchers. For more information, see <http://www.fields.utoronto.ca/programs/scientific/03-04/adaptive/> or contact Nancy Flournoy at [flournoyn@missouri.edu](mailto:flournoyn@missouri.edu).

**IMS co-sponsored meeting**  
**The Sixth ICSA International Applied**  
**Statistics Conference**  
**July 21–23, 2004, Singapore**

<http://www.statistics.nus.edu.sg/ICSA.htm>  
 The Sixth International Chinese Statistical Association Applied Statistics Conference will be held at the National University of Singapore (NUS), Singapore, from July 21 to 23, 2004.  
 IMS Representative: Louis H.Y. Chen

**IMS Invited Paper Session at the**  
**International Statistical Institute, 54th**  
**Biennial Session:**

**The Analysis of Gene Expression Data**  
**August 13–20, 2003, Berlin, Germany**  
 IMS Organizer: Mike West, Duke U, [mw@stat.duke.edu](mailto:mw@stat.duke.edu) (speakers are Rainer Spang, Sandrine Dudoit and Mike West).  
 ISI website: <http://www.isi-2003.de>

## IX CLAPEM

IMS Co-sponsored meeting

### IX Latin American Congress on Probability and Mathematical Statistics

Punta del Este, Uruguay

March 22 to 26, 2004

Web page: <http://imerl.fing.edu.uy/clapem>

First announcement

The Latin American Region of the Bernoulli Society and the Universidad de la República (Montevideo, Uruguay) are pleased to announce the IX CLAPEM, to be held in Punta del Este, Uruguay.

Planned academic activities include the following:

#### Short courses:

Víctor de la Peña (USA)

Simon Tavaré (USA)

Hermann Thorisson (Iceland)

Aad van der Vaart (Holland)

Nanny Wermuth (Germany) and

David Cox (UK).

The opening lecture will be given by Yuval Peres (USA).

#### Invited speakers:

Miguel Abadi (Brazil)

Jean Bertoin (France)

Rolando Biscay (Cuba)

Tom Britton (Sweden)

Alejandra Cabaña (Venezuela)

Juan Cuesta-Albertos (Spain)

Antonio Cuevas (Spain)

Eustasio del Barrio (Spain)

Georgina Flesia (USA)

Michel Ledoux (France)

José Rafael León (Venezuela)

Marc Lavielle (France)

Gabor Lugosi (Spain)

Enno Mammen (Germany)

Servet Martínez (Chile)

Dan Rabinowitz (Israel)

Laurent Saloff-Coste (USA)

Mark van der Laan (USA)

Maria Eulalia Vares (Brazil)

Victor Yohai (Argentina).



#### Contributed talks and contributed posters

There will also be a program of contributed talks and posters.

#### Conference site, housing, transportation

The conference will take place in the Hotel San Rafael in Punta del Este.

A conference package that includes room and breakfast for conference participants has been arranged. See the hotel website at <http://www.hotelsanrafael.com.uy>

#### Travel grants

Limited funding will be available to help participants with travel and local expenses. Preference will be given to students and young researchers who present their work at the meeting.

#### Organizers

##### Scientific Committee:

Jean-Marc Azais (France), Graciela Boente (Argentina), Pablo Ferrari (Brazil), Evarist Giné (USA, Chairman), Carlos Matran (Spain), Andrea Rotnitzky (USA), Gonzalo Perera (Uruguay), Víctor Pérez Abreu (México).

##### Local Committee:

Enrique M. Cabaña, Alicia Carriquiry, Ricardo Fraiman, Juan José Goyeneche, Gustavo Guerberoff, Ernesto Mordecki (Chairman), Gonzalo Perera, Mario Wschebor, Andrea Rivero (Secretary).

#### Contact us

You can find out more information from our website at <http://imerl.fing.edu.uy/clapem> or e-mail to the local committee: Andrea Rivero, Secretary ([arivero@fing.edu.uy](mailto:arivero@fing.edu.uy)) or Ernesto Mordecki, Chairman ([mordecki@cmat.edu.uy](mailto:mordecki@cmat.edu.uy)).

# More IMS Meetings around the world

## IMS Co-sponsored meeting

### New Directions in Probability Theory

August 6-7, 2004, Fields Institute, Toronto.

<http://www.imstat.org/meetings/NDPT/>

The New Directions in Probability Theory meeting will take place on August 6–7, 2004; it is co-sponsored by the IMS and the Fields Institute for Research in Mathematical Sciences. The meeting immediately precedes the Joint Statistical Meetings of August 8–12 (co-sponsored by ASA, IMS, ENAR, WNAR, SSC).

The meeting consists of five sessions and four one-hour lectures, of which two are IMS Medallion Lectures. It is intended for a general probability audience interested in recent developments in probability theory. The topics of the session are Random Walks with Self-Repulsion, Random Matrices, Random Media, Superprocesses, and Markov Chains with Algorithms.

There will be no registration fee for the meeting. However, space at the Fields Institute is limited, and so early registration is recommended.

**Session titles** (and organizer):

**Random Walks with Self-Repulsion** (Greg Lawler, Cornell U),

**Random Matrices** (Craig Tracy, U of California, Davis),

**Random Media** (Mike Cranston, U of Rochester),

**Superprocesses** (Tom Salisbury, York U),

**Markov Chains and Algorithms** (Robin Pemantle, Ohio State U)

**One-Hour Lectures by:** Kurt Johansson, Kungl Tekniska Högskolan, Sweden (IMS Medallion Lecture); **Greg Lawler**, Cornell U; **Craig Tracy**, U of California, Davis; **Hornng-Tzer Yau**, Courant Institute of Mathematical Sciences, New York U (IMS Medallion Lecture);

**Program Organizer:** Maury Bramson, U of Minnesota **Local Organizers:** Jeremy Quastel, U of Toronto; Jeffrey Rosenthal, U of Toronto; Tom Salisbury, York U

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IMS Co-sponsored Meeting:

**2004 ENAR Spring Meeting**

**March 28–31, 2004**

**Hilton Pittsburgh, PA**

Website: <http://www.enar.org/meetings.htm>

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## IMS Sponsored Mini-meeting

### Joint IMS-SRMS Mini Meeting on Current Trends in Survey Sampling and Official Statistics

January 2-3, 2004

Calcutta, India

The Institute of Mathematical Statistics and the Survey Research Methods Section of the American Statistical Association will jointly sponsor a mini meeting on Current Trends in Survey Sampling and Official Statistics to be held near Calcutta, India, during January 2–3, 2004. This will be co-sponsored by the U.S. Census Bureau, Gallup Research Center at the University of Nebraska-Lincoln and the Department of Statistics, the University of Calcutta. The mini meeting is intended to serve as a bridge between mathematical statisticians and practitioners working on sample surveys and official statistics either in government or private agencies. The following researchers have tentatively agreed to present their papers:

Arijit Chaudhuri (India), William Bell (USA), Heleno Bolfarine (Brazil), Jay Breidt (USA), Jai Choi (USA), Daniela Cocchi (Italy), Stephen E. Fienberg (USA), David Findley (USA), Marco Fortini (Italy), Wayne Fuller (USA), Malay Ghosh (USA), J.K. Ghosh (India/USA), Pilar Iglesias (Chile), Michael Larsen (USA), Viviana Lencina (Argentina), Michel Mouchart (Belgium), S. James Press (USA), J.N.K. Rao (Canada), and Stuart Scott (USA).

The meeting webpage <http://www.jpsm.umd.edu/ims> contains more information about registration, program, etc. for the meeting. If you are interested in presenting your paper at the meeting, please contact Partha Lahiri at [plahiri@survey.umd.edu](mailto:plahiri@survey.umd.edu). Local information can be obtained from Tathagata Banerjee at [btathaga@yahoo.com](mailto:btathaga@yahoo.com)

**IMS Co-sponsored Meeting:  
2004 Joint Summer Research Conferences  
July 17–24, 2004, Snowbird, Utah**



An AMS-IMS-SIAM Joint Summer Research Conference on “**Gaussian Measure and Geometric Convexity**” will take place at the Snowbird Resort, Utah, July 17-24, 2004. The Organizing Committee is K. Ball, V. Milman, A. Pajor, R. Schneider, R.A. Vitale (ch), and W. Weil.

The Conference will bring together an unusual grouping of researchers in convex geometry, probability, statistics, and the local theory of Banach spaces to discuss problems in which principal ingredients are Gaussian measure and the theory of convex bodies. Major themes will be the role of probabilistic methods in understanding properties of convex bodies, especially in high dimensions, and the application of convex-geometric methods to the study of stochastic processes. Among the topics will be central limit theorems, concentration of measure, Dvoretzky-type results, isoperimetry and Gaussian inequalities, intrinsic volumes and Gaussian processes, flag-coefficient renormalization, and random convex bodies.

A preliminary list of participants includes: S. Artstein, Z. Artstein, K. Ball, F. Barthe, Y. Baryshnikov, S. Bobkov, D. Cordero, S. Efromovich, F. Gao, A. Giannopoulos, Y. Gordon, O. Guédon, D. Klain, A. Koldobsky, J. Kuelbs, R. Latała, M. Ledoux, W.V. Li, M. Lifshits, J. Lindenstrauss, A. Litvak, M. Meyer, V. Milman, K. Oleszkiewicz, A. Pajor, G. Pisier, M. Rudelson, G. Schechtman, R. Schneider, S. Szarek, M. Talagrand, N. Tomczak-Jaegermann, R.A. Vitale, W. Weil, E. Werner, and A. Zvavitch.

Further information is available from Rick Vitale at [r.vitale@uconn.edu](mailto:r.vitale@uconn.edu).

**IMS sponsored mini-meeting:  
Statistics in Social Science and Agricultural Sciences  
December 20-21, 2003  
Santiniketan, India**

A two-day IMS sponsored mini-meeting will be held in Santiniketan, India. This mini-meeting will have the flavor of a workshop and will be designed to develop interaction among the participating statisticians, social scientists and agricultural scientists by the way of exchanging their ideas. Effort will be made to identify the gap between the available theory and their practice. That will further be strengthened by the discussion on the latest ideas, concepts and applications of statistical methods in the field of social science and agricultural science. Impact assessment of some programs, modeling of social and agricultural phenomenon, study of fallibility and variability in the field data, prediction, etc. are some major areas where the social scientists and agricultural scientists need help of statistician for a valid conclusion. Discussions will also center on the available statistical packages for the purpose of data analysis and their right use.

This workshop is important because the inherent complexity in the data arising out of the context of social science and agricultural science research makes it difficult to apply standard statistical practices. Variability in the data exists at different levels because of the presence of dependence of unknown nature. The qualitative nature of the data, non-normal distribution of the underlying variable, errors in measurements, and unavailability of some observations are some of the many reasons which prevent the direct application of existing theory and this meeting will try to see how statisticians can come successfully to the rescue.

In addition to the invited sessions the workshop will include contributed sessions.

For more information contact the organiser, Debasis Bhattacharya, at [debasis\\_us@yahoo.com](mailto:debasis_us@yahoo.com)

**IMS sponsored meeting  
Seminar on Stochastic Processes 2004  
May 20-22, 2004**

**University of British Columbia, Vancouver, Canada**

The Seminar on Stochastic Processes 2004 will be held at the University of British Columbia, Vancouver, B.C., Canada, from May 20-22, 2004. As is traditional, there will be five **invited speakers**:

**Rene Carmona** (Princeton)

**Robert Dalang** (EPF Lausanne)

**Alice Guionnet** (Ecole Normale Supérieure de Lyon)

**Yves Le Jan** (Orsay)

**Balint Virag** (University of Toronto)

Further information will be available at <http://www.pims.math.ca/science/2004/ssp>

For information on previous SSP meetings see the archives: <http://www.math.yorku.ca/Probability/ssparch.html>

Local organizers: Martin Barlow, Anders Holroyd, Vlada Limic, Ed Perkins

# Other Meetings Around the World: Announcements and Calls for Papers

## 2003 Affymetrix GeneChip Microarray Low-level Analysis Workshop The Alumni House, UC Berkeley Campus, Berkeley, California USA - August 7-8, 2003 (NB: Immediately following JSM San Francisco, August 3-7 2003)

<http://eci-events.com/AffyGeneChip/>

Affymetrix GeneChip microarrays have become a crucial component of gene expression and genotype research for many laboratories. Data analysis remains a major challenge for the effective use of GeneChip data. While many software tools and services exist to simplify data access, management, and analysis of microarray data, the availability of large numbers of microarray experiments and of reference data sets has motivated considerable interest in the research community to improve upon existing analysis methods.

Affymetrix would like to invite researchers currently engaged in algorithm development to a poster session in the evening of August 7 and a one day workshop on August 8th, 2003 in Berkeley, California to discuss low-level issues related to GeneChip microarray data analysis including image analysis, DNA probe hybridization, normalization and summarization. The goal of this meeting is to provide a forum for the open sharing of ideas and promote further research in GeneChip microarray analysis. Limited travel support is available.

Organizing Committee:

Earl Hubbell, Affymetrix; Rafael Irizarry, Johns Hopkins University; David Kulp, Affymetrix; Cheng Li, Harvard School of Public Health; Victor Markowitz, Gene Logic; Felix Naef, Rockefeller University; Terry Speed, UCB.

## Probability and Statistics Day in honor of Richard M. Dudley

A conference on different aspects of Probability and Statistics will take place at the Massachusetts Institute of Technology, Cambridge, MA, on **October 4, 2003**, to celebrate Richard M. Dudley's contributions, on the occasion of his 65th birthday.

**Organizers:** E. Giné, M. G. Hahn, D. Haughton and D. Stroock.

**Plenary Speakers:** Kenneth Alexander, Michel Talagrand and Jon Wellner.

**Invited Speakers** include Vladimir Koltchinskii, Jim Kuelbs, Dmitry Panchenko and David Pollard.

For detailed information and to confirm attendance, contact Evarist Giné ([gine@uconnvm.uconn.edu](mailto:gine@uconnvm.uconn.edu), 1-860-4863929), Marjorie G. Hahn ([marjorie.hahn@verizon.net](mailto:marjorie.hahn@verizon.net), 1-617-6285000x72363) or Dominique Haughton ([dhaughton@bentley.edu](mailto:dhaughton@bentley.edu), 1-617-6414852), or visit the web site <http://www.math.uconn.edu/Dudley-Conf>, to register (there is no registration fee).



## Bernoulli Society East Asian and Pacific Regional (EAPR) Conference 2003 18–20 December, 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 18-20 December 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](mailto:eapr2003@ust.hk) in either Latex or Microsoft Word formats. The deadline of the submission is **30 September 2003**. For more information about the EAPR conference, please visit <http://www.bm.ust.hk/~eapr2003>



**Twenty-fifth Midwest Probability Colloquium**

**October 17-18, 2003**

**Northwestern University, Evanston, IL**

<http://www.math.nwu.edu/mwp/>

The Twenty-Fifth Midwest Probability Colloquium will be held at Northwestern University on October 17-18, 2003. The program was organized by a committee consisting of Salah Mohammed, Greg Rempala and Ofer Zeitouni (chair).

The program will feature the following speakers:

**Gerard Ben-Arous** (Courant Institute, NY) two lectures: “Aging in random landscapes and dynamics of spin-glasses I, II”

**Bruce Driver** (University of California, San Diego) one lecture: “Heat equation on loop groups and two-dimensional quantized Yang-Mills equations”

**Jonathan Mattingly** (Duke University) one lecture: “The stochastically forced Navier-Stokes equations: ergodicity, mixing and scales”

In addition to this program, there will be a **special tutorial program on Thursday October 16**, in which **Iain Johnstone** of Stanford, (currently visiting UC Berkeley) will give two talks on the general theme of “Wavelets and other multi-resolution systems applied to problems of theoretical statistics”. These topics should be of interest to participants who have some interest in harmonic analysis, theoretical statistics or both. This program will begin at 2pm.

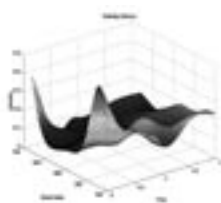
As in the past, we expect to have NSF funds to offset the expenses of graduate students and other younger investigators. All such requests should be received by the conference organizer on or before October 1, in order to be eligible for consideration. In every case, first consideration will be given to requests received on the earliest date.

More about schedules, abstracts, travel, accommodation and local information is available on the website at <http://www.math.nwu.edu/mwp/>

**International Conference on Dependence Modelling: Statistical Theory and Applications in Finance and Insurance (DeMoSTAFI)**

**20–22 May 2004**

**Quebec City, Canada . .**



This international meeting is intended as a sequel to the series of conferences on copulas and their applications that were held in Rome (1990), Seattle (1993), Prague (1996) and Barcelona (2000).

The meeting will be held at the Château Laurier, near Québec City’s historical district, in the heart of French Canada, from Thursday 20 May to Saturday 22 May, 2004.

As in previous editions, the meeting should attract copula specialists and statistical researchers interested in their development and use in characterizing and modelling of dependence (stochastic orderings, distributions with fixed marginals, etc.). As the title of the event suggests, however, the meeting will provide special emphasis on inferential aspects surrounding the use of copulas, and will give high visibility to their applications in actuarial science and finance. Dependence issues and their treatment in survival analysis and extreme-value theory will also be central to the theme of the conference.

Sponsored by CRM, IFM2, SSC, and Université Laval.

Program Chair: Christian Genest; Local Arrangements: Michel Gendron.

Website: <http://www.fsa.ulaval.ca/demostafi/>

E-mail: [demostafi@mat.ulaval.ca](mailto:demostafi@mat.ulaval.ca)

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**All** eelyconf

**August 2004 meetings**  
**are listed in**  
**The International**  
**Calendar of**  
**Statistical**  
**Events**

10-20: Berlin, Germany: International  
Statistical ... Biennial  
Session. Includes meetings  
of the Bernoulli  
Society, The



# L N M S

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*Editors: Krishna Athreya, Mukul Majumdar, Madan Puri, Edward Waymire*

This volume honoring Professor Rabi Bhattacharya contains research contributions to a broad range of topics from a distinguished group of probabilists and statisticians. The areas covered include time series, stochastic differential equations, fractional Brownian motion, Levy Processes, iterated random maps and statistical inference. Several of the articles concern applications of these areas to economics, mathematical finance, population ecology, and mathematical physics.

Apart from being a useful reference on contemporary research, the present volume could also be used in graduate seminars to expose students to current research on some exciting topics in probability, statistics and their applications.

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### SSC2005: Annual Meeting of the Statistical Society of Canada

June 12–15, 2005

#### Saskatoon, Saskatchewan

The University of Saskatchewan will be hosting the 2005 meeting of the Statistical Society of Canada. For information, contact the Local Arrangements Chair, Mik Bickis, at:



Mathematical Sciences Group,  
University of Saskatchewan, Room  
142 McLean Hall, 106 Wiggins Road,  
SASKATOON, SK, Canada S7N 5E6.

E-mail: [bickis@math.usask.ca](mailto:bickis@math.usask.ca)

Tel: (306) 966- 6088

Fax: (306) 966- 6086

### Digital Biology: The Emerging Paradigm

November 6-7, 2003

#### National Institutes of Health Bethesda, Maryland U.S.A.

<http://www.bisti.nih.gov/2003meeting/>

Keynote speakers: **Sydney Brenner**  
(Biology) Distinguished Professor, Salk  
Institute; **Nathan Myhrvold** (Technology)  
Co-Founder and Managing Director,  
Intellectual Ventures

Contact: [bistic@nih.gov](mailto:bistic@nih.gov)

Kevin Lauderdale, NIH

### ISBA2004 World Meeting

Viña Del Mar, Chile

23–27 May 2004

It is a great pleasure to announce that the ISBA 2004 World Meeting will be held in Chile in May of 2004. It is scheduled from 23 – 27 May 2004 in Viña Del Mar at the Hotel Del Mar Convention Center.

The Local Organizing Committee is chaired by Pilar Iglesias, Pontifica U. Catolica de Chile ([pliz@mat.puc.cl](mailto:pliz@mat.puc.cl)) and Fernando Quintana, also Pontifica U. Catolica de Chile ([quintana@mat.puc.cl](mailto:quintana@mat.puc.cl)). The Scientific Committee is chaired by Fabrizio Ruggieri of CNR IMATI ([fabrizio@mi.imati.cnr.it](mailto:fabrizio@mi.imati.cnr.it)). The Finance Committee is chaired by Alicia Carriquiry from Iowa State University ([alicia@iastate.edu](mailto:alicia@iastate.edu)).

Please plan to join us for a major international Bayesian gathering that will maintain the tradition of providing an exciting scientific environment along with a glorious physical environment. More details will emerge over the next few months and will be made available on the ISBA website <http://www.bayesian.org>



### International Workshop in Applied Probability - IWAP 2004

University of Piraeus, Greece

March 22-25, 2004

IMS Rep: Joseph Glaz

<http://mefast.sta.unipi.gr/iwap2004/index.htm>

Applied Probability is a very broad research area that is of interest to scientists in diverse disciplines such as actuarial science, reliability theory, quality control, health sciences, biology, economics, computer science, operations research, finance, linguistics, environmental sciences, psychology, social sciences etc.

The purpose of the 2nd IWAP is to provide a forum where researchers in the field of Applied Probability from universities throughout the world, as well as practitioners who use probabilistic methods in their applied research can discuss current problems, new approaches and future directions.

The workshop will concentrate on the various aspects of Applied Probability, including theoretical developments, applications and computational methods.

The scientific program will include plenary sessions (one hour talks) each day, followed by parallel invited and contributed sessions. Invited speakers will present 30 minute talks.

### International Biometric Conference 2004

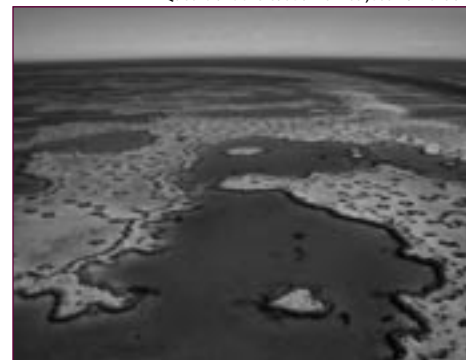
11-16 July, 2004

#### Cairns, Queensland, Australia

The XXII International Biometric Conference 2004, will be held from 11-16 July, 2004 in Cairns, Queensland, Australia. The 2004 Australian Statistical Conference will be held in parallel with IBC2004 and delegates will be able to attend sessions of either conference, ensuring a rich and varied scientific program. Cairns has been chosen as the venue as it is the central hub of beautiful North Queensland and an array of social events and tours will be arranged to take advantage of this.

For further information see <http://www.ozaccom.com.au/ibc2004>.

Queensland's Great Barrier Reef, see from the air



# Employment Opportunities around the world

## Canada: Toronto



## Canada Research Chair University of Toronto Department of Statistics

The Department of Statistics at the University of Toronto invites applications for an appointment at the rank of Associate or Full Professor. The Department intends to nominate the successful candidate to a Canada Research Chair. The Department shares (with the Department of Computer Science) a research cluster in data mining, machine learning, and statistics, which is anchored by four Canada Research Chairs. These federally endowed chairs are open to all nationalities (<http://www.chairs.gc.ca>).

Candidates are expected to be outstanding scholars, whose research and teaching will make major contributions to the quality and stature of the Department. Appointments will be made at the rank of either Associate or Full Professor, to begin July 1, 2004 or thereafter. Salary will be commensurate with experience.

Letters of application, curriculum vitae, and statements on research and teaching, should be submitted to Professor Keith Knight, Chair, Department of Statistics, University of Toronto, Toronto, ON, Canada M5S 3G3. Names of four scholars who can serve as external referees should be provided. We will begin reviewing applications after October 15, 2003 and continue until the position is filled.

The University of Toronto offers the opportunity to teach, conduct research and live in one of the most diverse cities in the world, and is strongly committed to diversity within its community. The University especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to further diversification of ideas.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

## USA: Massachusetts

### Williams College, Williamstown: Assistant Professor

The Williams College Department of Mathematics and Statistics invites applications for **one tenure track position in statistics**, beginning fall 2004, 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 24** and will continue until the position is 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 minorities. For more information on the Department of Mathematics and Statistics, visit <http://www.williams.edu/Mathematics>.

## USA: New York

### Columbia University

Statistics Department, Columbia University postdoctoral research position in applied statistics. Hierarchical Bayesian analysis, applications in public opinion and public health. See <http://www.stat.columbia.edu/~gelman/postdoc/> for details. Option of including some teaching.

Women and minorities are especially encouraged to apply. Cover letter, CV and three reference letters to Andrew Gelman. Statistics Department, Columbia University, New York, 10027.

Application deadline **10/01/03**

Columbia University is an Affirmative Action/Equal Opportunity Employer.

*Send your advert for the next issue (Sept/Oct 03) by August 23 to [erg@imstat.org](mailto:erg@imstat.org). See information panel inside back cover.*

# International Calendar of Statistical Events

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

## July 2003

2–4: Palmerston, New Zealand. NZ Statistical Association Annual Conference. **w** <http://www-ist.massey.ac.nz/stats/nza2003>

7–11: Diepenbeek, Belgium. 18th International Workshop on Statistical Modelling. **w** <http://www.luc.ac.be/censtat/IWSM2003> **e** [jeannine.rongy@med.kuleuven.ac.be](mailto:jeannine.rongy@med.kuleuven.ac.be)

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

14–17: Leuven, Belgium. RSS2003: Theme Conference of the Royal Statistical Society: Statistical Genetics and Bioinformatics. **w** <http://www.luc.ac.be/censtat/RSS2003> **e** [martine.machiels@luc.ac.be](mailto:martine.machiels@luc.ac.be)

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](mailto:Marco.Zaffalon@idsia.ch)


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

22–23: San Juan, Puerto Rico. Model Selection Workshop. **w** <http://www.cnet.clu.edu/math/ims-isba-pr2003>

 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](mailto:susie.bayarri@uv.es) Local Arrangements Chair Luis Pericchi, U of Puerto Rico **e** [perricchi@goliath.cnet.clu.edu](mailto:perricchi@goliath.cnet.clu.edu) **w** <http://www.cnet.clu.edu/math/ims-isba-pr2003>


27: San Juan, Puerto Rico. Bioinformatics and Biostatistics: Current Problems and Solutions. **w** <http://www.cnet.clu.edu/math/ims-isba-pr2003>

28–August 31: Institute for Mathematical Sciences, National University of Singapore. Program on Stein's Method and Applications: A program in honor of Charles Stein. **w** <http://www.ims.nus.edu.sg/Programs/stein/index.htm>

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

31–August 1: Corvallis, OR. Justus Seely Memorial Conference on Linear Models. **w** <http://www.oregonstate.edu/dept.statistics/seelyconf>

## August 2003

 1–2: Stanford U, CA. Mini-meeting: Workshop on Statistical Inference, Computing and Visualisation for Graphs. Contact [dfs@research.att.com](mailto:dfs@research.att.com); local details from Susan Holmes [susan@stat.stanford.edu](mailto:susan@stat.stanford.edu) **w** <http://www.research.att.com/~volinsky/Graphs/Workshop.htm>

2–3: San Francisco, CA. Workshop: Pathways to the Future. For young women researchers within about 5 years of completing PhD. NSF Funding available. Lynne Billard **e** [lynne@stat.uga.edu](mailto:lynne@stat.uga.edu)

 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](mailto:wang@wald.ucdavis.edu) Contributed Papers Chair: Lutz Duembgen **e** [lutz.duembgen@stat.unibe.ch](mailto:lutz.duembgen@stat.unibe.ch)


3–9: Rio de Janeiro, Brazil. 29th Conference on Stochastic Processes and their Applications. **w** <http://wwwimpa.br/Conferencias/Spa/>

5–8: U of Dortmund, Germany. 12th International Workshop on Matrices and Statistics (IWMS-2003) **w** <http://www.statistik.uni-dortmund.de/IWMS/main.html>. Immediately before 54th Biennial Session of the ISI in Berlin.

7–10: Santa Cruz, CA. International Workshop on Bayesian Data Analysis. **w** <http://www.ams.ucsc.edu/bayes03/>

# International Calendar continued


## August 2003 continued


 7–8: Berkeley, California. 2003 Affymetrix GeneChip Microarray Low-level Analysis Workshop. **w** <http://eci-events.com/AffyGeneChip/>


13–20: *NB date appeared incorrectly in earlier issues* 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** <http://www.isi-2003.de> Including IMS Invited Paper Session, ‘The Analysis of Gene Expression Data’: contact Mike West **e** [mw@stat.duke.edu](mailto:mw@stat.duke.edu)

## September 2003

 4–7: Villard de Lans, Grenoble, France. International Workshop on Wavelets and Statistics: Watering the Seed **w** <http://www-lmc.imag.fr/grenoblet2003>

 8–11: Stanford Linear Accelerator Center, CA. PHYSTAT2003: Statistical Problems in Particle Physics, Astrophysics and Cosmology **w** <http://www-conf.slac.stanford.edu/physstat2003>


 15–19: Havana, Cuba. 6th International Conference on Operations Research and 5th Workshop on Operations Research: Applications to the Economy **e** [guddat@mathematik.hu-berlin.de](mailto:guddat@mathematik.hu-berlin.de)


 21–26: Ovronnaz, Switzerland. 13th European Young Statisticians’ Meeting **w** <http://statwww.epfl.ch/eysm03/>

 25–27: Toronto, Canada. Workshop on Adaptive Designs **w** <http://www.fields.utoronto.ca/programs/scientific/03-04/adaptive/>


29–October 1: Poertschach, Austria. StatGIS 2003 **w** <http://www-stat.uni-klu.ac.at/>

## October 2003


 4: MIT, Cambridge, MA. Probability and Statistics Day in Honor of Richard M. Dudley **w** <http://www.math.uconn.edu/dudley-conf>

 17–18: Northwestern U, Evanston, IL. 25th Midwest Probability Colloquium (plus special tutorial program on October 16) **w** <http://www.math.nwu.edu/mwp/>

## November 2003

 3–7: [NB POSTPONED & MOVED FROM BEIJING] Johannesburg, South Africa. 12th General Meeting of The International Environmetrics Society (TIES2003) and 13th International Conference on Quantitative Methods for Environmental Sciences. **w** <http://www.cmis.csiro.au/ties2003/>

5–7: Gauteng, South Africa. SASA (South African Statistical Association) 50th Anniversary Conference. **w** <http://www.sastat.org.za>


 6–7: NIH, Bethesda, MD. Digital Biology: The Emerging Paradigm. **w** <http://www.bisti.nih.gov/2003meeting/>

## December 2003

 18–20 [NB POSTPONED FROM JULY 2003]: 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** <http://www.bm.ust.hk/~eapr2003>


28–31: Calcutta, India. 5th International Triennial Calcutta Symposium on Probability and Statistics. **w** <http://www.calcuttastatisticalassociation.org>


## January 2004


 2–3: Calcutta, India. Current Trends in Sample Surveys and Official Statistics. Organizers: Tathagata Banerjee & Partha Lahiri

## March 2004

21–26: Singapore. MCMC: Innovations and Applications in Statistics, Physics and Bioinformatics. **w** <http://www.ims.nus.edu.sg/Programs/mcmc/index.htm>


 22–25: University of Piraeus, Greece. International Workshop in Applied Probability - IWAP 2004. IMS Rep: Joseph Glaz. **w** <http://mefast.sta.unipi.gr/iwap2004/index.htm>

  22–26: Punta del Este, Uruguay. IX CLAPEM: Congreso Latino Americano de Probabilidad y Estadística Matemática IMS Rep: Alicia Carriquiry [lpe@fing.edu.uy](mailto:lpe@fing.edu.uy) **w** <http://imerl/fing.edu.uy/clapem>

 28–31: Pittsburg, PA. 2004 ENAR Spring Meeting. **w** <http://www.enar.org/meetings.htm>

## May 2004

 20–22: Quebec City, Canada. International Conference on Dependence Modelling: Statistical Theory and Applications in Finance and Insurance (DeMoSTAFI). Sponsored by CRM, IFM<sub>2</sub>, SSC, and Université Laval. Program Chair: Christian Genest; Local Arrangements: Michel Gendron. **w** <http://www.fsa.ulaval.ca/demostafi/> **e** [demostafi@mat.ulaval.ca](mailto:demostafi@mat.ulaval.ca)

 23–27: Viña Del Mar, Chile. ISBA2004 World Meeting. **w** <http://www.bayesian.org>

30–June 2: Montréal, Québec. 32nd Annual Meeting of the Statistical Society of Canada. Local Arrangements Chair: Christian Léger [leger@dms.umontreal.ca](mailto:leger@dms.umontreal.ca)

Program Committee Chair: Christian Genest genest@mat.ulaval.ca

### June 2004

16–18: Santander, Spain. **Distribution Theory, Order Statistics and Inference - A Conference in Honor of Barry C. Arnold.** Organizers: Prof. N. Balakrishnan bala@mc mail.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** <http://www.icme-10.dk>

**NEW** 11–16: Cairns, Australia. **International Biometrics Conference 2004 and 2004 Australian Statistical Conference** **w** <http://www.ozaccom.com.au/ibc2004>

**NEW** 14–18: Neuchâtel, Switzerland. **Celebrating Statistics: International Conference in Honour of Sir David Cox on the Occasion of his 80th Birthday.** **w** <http://www.unine.ch/statistics/cox/welcome.htm>

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

**NEW** 21–23: NUS, Singapore. **International Chinese Statistical Association Applied Statistics Symposium.** Co-sponsored meeting. IMS Rep: Louis Chen lhychen@ims.nus.edu.sg **w** <http://www.statistics.nus.edu.sg/ICSA.htm>

**NEW** 26–30: Barcelona, Spain. **67th IMS Annual Meeting & 6th Bernoulli World Congress.** Joint Program Chair: Wilfrid Kendall wsk@stats.warwick.ac.uk Local Chair: David Nualart nualart@mat.ub.es **w** <http://www.imub.ub.es/events/wc2004/>

### August 2004

**NEW** 6–7: Fields Institute, Toronto.

**New Directions in Probability Theory** IMS Program Chair: Maury Bramson bramson@math.umn.edu **w** <http://www.imstat.org/meetings/ndpt>

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

### June 2005

**NEW** 12–15: Saskatoon, Canada. **SSC2005: Annual Meeting of the Statistical Society of Canada.** **e** bickis@math.usask.ca

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# In the next issue (September/ October 2003)

Reports from JSM San Francisco, as well as news from members around the world, meeting announcements and job opportunities. Send in your articles, feedback, letters...

## Deadline for submissions: September 1

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



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**Individual and General Subscriptions:** Subscriptions are available on a calendar-year basis. Individual subscriptions are for the personal use of the subscriber and must be in the name of, paid directly by, and mailed to an individual. Individual subscriptions for 2003 are available to *The Annals of Applied Probability* (\$100), *The Annals of Probability* (\$105), *The Annals of Statistics* (\$110), *IMS Bulletin* (\$60), and *Statistical Science* (\$90). General subscriptions are for libraries, institutions, and any multiple-readership use. General subscriptions for 2003 are available to *The Annals of Applied Probability* (\$120), *The Annals of Probability* (\$175), *The Annals of Statistics* (\$200), *IMS Bulletin* (\$55), and *Statistical Science* (\$100). Airmail rates for delivery outside North America are \$80 per title (excluding *IMS Bulletin*).

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