

September/October 2003

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## Reports Galore!

In this issue we have meeting reports from:

- the IMS sponsored **New Researchers Conference** (Davis, CA) on page 5
- IMS sponsored mini-meetings on **Functional Data Analysis** (Florida) on page 7, **Statistics for Mathematical and Computational Finance** (Connecticut) on page 7 and **Non/semi-parametric Models and Sequential Analysis** (Kentucky) on page 6
- First Joint **IMS-ISBA meeting** (Puerto Rico) on page 8



We also have the Executive, Committee and Editors' reports, presented to Council at the 66th **IMS Annual Meeting**, which took place at the Joint Statistical Meetings in San Francisco, in August.



*San Francisco's Museum of Modern Art (foreground)*

Terry Speed introduces the "Extrapolate Yourself!" membership drive on page 4 (see below). And if you're looking for a new position, turn to page 37: we have 38 job adverts from around the world.

### Included with this issue: **Extrapolate Yourself!**

Please put this poster up on your departmental bulletin board, in your office, on the number 42 bus, wherever you think it will attract attention. See Terry Speed's article on page 4 for more information...



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**Submissions in MS Word (.doc) or plain text (.txt) please.**

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### News from IMS members

#### Alan Agresti Named ASA Statistician of the Year

The Chicago Chapter of the American Statistical Association has declared Alan Agresti is '2003 Statistician of the Year'. He will receive his award and speak on *Binomial Confidence Intervals* at a dinner in his honor in Chicago on October 14.

Distinguished Professor of Statistics at the University of Florida, Professor Agresti earned his bachelor's degree at the University of Rochester, and his doctorate at the University of Wisconsin. He received

an Honorary Doctor of Science from De Montfort University, UK, and he is a Fellow of the American Statistical Association.

Agresti's primary research interests are in categorical data analysis. Most recently he has worked on small sample confidence intervals for binomial proportions and odds ratios, and models for repeated categorical responses. His most recent book is *Categorical Data Analysis* (2nd edition, Wiley, 2002).

#### Bhattacharya receives LNMS honor

The photo shows the presentation of a dedicated collection of papers published in the IMS Lecture Notes–Monograph Series, vol 41, to Professor Rabi Bhattacharya during the IMA Workshop, Probability and Partial Differential Equations in Modern Applied Mathematics, in July.

To order a copy at the special IMS member price of \$24 (non-member price is \$40) please send your payment to the IMS Dues and Subscriptions office (address in panel on left) or order online at the IMS website <http://www.imstat.org/orders>



#### Oded Schramm Awarded 2003 Loève Prize

David Aldous writes: The 2003 Line and Michel Loève International Prize in Probability is awarded to Oded Schramm of Microsoft Research. The prize, which carries a monetary award of \$30,000, will be presented at a ceremony in Berkeley on October 20 2003.



Oded Schramm received his Ph.D. in 1990 under Bill Thurston at Princeton University and his early research included deep results in circle packings.

His research in probability was sparked by his interest in the conjecture that the limit of two-dimensional critical percolation was conformally invariant. In trying to understand this limit as well as limits of other models such as the loop-erased walk, Schramm combined classical results in complex variables of C. Loewner with probability theory to invent the process now called the Schramm–Loewner evolution (SLE). This process has proved to be a critical ingredient for understanding conformally invariant limits of planar systems. In collaboration with G.

Lawler and W. Werner, Schramm has used SLE to solve a number of open problems, in particular Mandelbrot's conjecture that the outer boundary of planar Brownian motion has dimension  $4/3$ , and the determination of the scaling limit of loop-erased work. Schramm also showed that if the scaling limit of percolation was conformally invariant, then the boundaries between clusters would be given by SLE. That this is true for site percolation on the triangular lattice has been proved by S. Smirnov.

The Loève Prize commemorates the late Michel Loève, who worked at Berkeley from 1948–79. It was established by his widow, Line Loève, shortly before her death in 1992. Awarded every two years, it is intended to recognize outstanding contributions by researchers in probability who are under 45.

### Chris Heyde awarded Membership of the Order of Australia

In the 2003 Australia Day Honours, IMS Fellow Professor Chris Heyde was awarded Membership of the Order of Australia (AM). This award is intended to recognize contributions to Australian society and it is a rare recognition for professionals from the less publicly visible areas. The citation reads that it was "For service to mathematics, particularly for research in statistics and probability, and to the advancement of learning in these disciplines".

Chris currently holds academic posts at the Australian National University (ANU) and Columbia University in New York. He has been Foundation Dean of the School of Mathematical Sciences at ANU and Foundation Director of the Key Center for Statistical Sciences in Melbourne. He has edited *The Australian Journal of Statistics*, *Stochastic Processes and their Applications* and *Journal of Applied Probability*, and *Advances in Applied Probability* (1990–).

He is a Fellow of the Australian Academy of Science and has been its Vice-President and Treasurer. He has also served as President of the Statistical Society of Australia and of the Bernoulli Society for Mathematical Statistics and Probability.

His research on probability and its statistical applications has been honoured by the award of the Pitman Medal, Hannan Medal, Lyle Medal, and an honorary DSc degree by the University of Sydney.



### Nan M Laird receives Janet L. Norwood Award for Outstanding Achievement by a Woman in the Statistical Sciences



The School of Public Health at The University of Alabama at Birmingham is pleased to announce that IMS Fellow Nan Laird is this year's recipient of the Janet L. Norwood Award for outstanding achievement by a woman in the statistical sciences. The school wishes not only to recognize Dr. Laird's achievements, but also to recognize the contribution of all women to the statistical sciences. It is noteworthy that women have been traditionally under-represented in many fields of science, with the degree of under-representation greater for the quantitative sciences. The award will

be conferred at UAB on October 10, 2003; Dr Laird will deliver a lecture at the award ceremony.

After receiving a bachelor's degree in statistics at the University of Georgia, Dr Laird received her PhD in Statistics from Harvard University in 1975. She immediately joined the Department of Biostatistics at the Harvard School of Public Health as an Assistant Professor, culminating in full professorship in 1986, where she is today. Dr Laird has been named the Henry Pickering Walcott Professor of Biostatistics, and she chaired the Department of Biostatistics from 1990 to 1999. Her research has made important contributions in the statistical sciences including, but not limited to, the development of statistical methods for the analysis of incomplete data, longitudinal regression and statistical genetics. Dr Laird is also a Fellow of the American Association for the Advancement of Sciences and the American Statistical Association.

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# Extrapolate Yourself!



IMS President  
Terry Speed  
writes:

It is my pleasure  
to introduce  
you to our new  
membership drive,  
"Extrapolate  
yourself!"

In an era when  
most statistical societies have static, if not  
slowly declining memberships, the IMS is  
(slowly) increasing its membership: up 3%  
in each of the last 3 years. This is growth:  
let's extrapolate it, and then achieve the  
predictions!

Why are we growing? The truth is we  
really don't know, as we haven't done a  
survey...but we can make some informed  
guesses.

I think the fact that we have had  
nearly free membership for students for  
the last few years has helped us a lot, as  
a good fraction of those who join us at  
a greatly reduced rate remain members  
after graduation. I think the fact that the  
Institute is sponsoring more meetings in  
the US and internationally is perceived as  
a good reason for being a member. This is  
particularly so for students, who can get  
travel support to attend these meetings, but  
also for regular members, who are entitled  
to reduced registration fees.

I'm sure members are proud of our  
policy of offering reduced rates or gift  
memberships to members in developing  
countries. But perhaps it is the outstanding  
*Bulletins*, such as the one you are reading  
now; the editors would like to think so.  
Or perhaps it is our great web site, or, less  
surprisingly, perhaps it is just the fact that  
we publish four of the profession's leading

journals, and all members are automatically  
entitled to full electronic access to them.

As I said, we really don't know why  
the numbers of members aren't declining,  
but in an effort to meet our extrapolated  
membership trend, we intend to  
improve all the benefits of membership  
just mentioned, and introduce new  
ones.

If students liked our greatly  
reduced membership, how much  
more will they like our **FREE**  
membership? If it is our journals  
that are the attraction, then we  
hope current and prospective  
members will like our plans  
for **improving and broadening**  
**our coverage**, a matter under  
intense discussion by the Committees on  
Electronic Issues and Publications, which  
have joined forces to show the way forward  
into the new era of electronic publishing.  
If it is our mini- and jointly sponsored  
conferences, then we hope our plans for  
**expanding** these activities will be welcomed.  
In brief, as long as we are doing a few  
things right, we can expect to be doing  
more.

Where do you, the Institute members  
come in? The phrase "Extrapolate yourself!"  
is aimed at **YOU!** I hope you are aware  
of all the benefits of membership to  
individuals, and of the benefit to the  
statistical community of a strong institute,  
including good, inexpensive journals and  
meetings, and a generous approach to  
membership: more space to publish more of  
your good articles, more places to present  
more of your good talks and posters, and  
more members in developing countries.

You are our ambassadors. You are  
the ones who can pin our "Extrapolate



**yourself!** poster on

your office wall, outside your office door,  
and on your departmental notice board.  
And you are the ones who can tell us what  
we are doing well, and what we are doing  
less well.

Finally, you are the ones who can tell  
others that IMS membership is worth  
having: you provide the numbers to be  
extrapolated!

## IMS Council Members 2003-04

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Ruth J. Williams



# Hot New Researchers...

IMS New Researchers Conference, July 29–August 1 2003, Davis, CA

The temperatures reached a hotter than average 106 degrees in Davis, California, but that wasn't enough to wilt the enthusiasm of the forty statisticians and probabilists gathered for the Sixth North American New Researchers Conference.

The New Researchers Conferences are organized by the IMS to promote interaction among new researchers, primarily by introducing them to each other's research in an informal setting. NRC—which is modeled on the European Young Statisticians meeting sponsored by the Bernoulli Society—funds participants' housing and travel costs. The relationships, and often friendships, established in this relaxed, collegiate setting are ones that may last a career, even a lifetime.

At this NRC, the new researchers each gave a twelve minute presentation to introduce their research interests, which facilitated informal discussion between interested parties outside the formal seminar settings. There were also panel sessions on publishing, obtaining funding, and opportunities outside academia.

Program Chair Rich Levine noted the general theme of the talks, coincidentally following a trend in statistics research, was "...innovative statistical methods developed to solve important scientific problems. Most of the statistical applications were computationally intensive, taking a pragmatic philosophical approach, straddling the Bayesian/frequentist fence to 'use whatever works best.'" The topics included problems in bioinformatics,

environmetrics, image processing, finance, socioeconomics, and computing. Abstracts are available at <http://www.rohan.sdsu.edu/~rlevine/NRC>.

The conference was opened by then-President Raghu Varadhan, who spoke about the IMS's commitment to young researchers, "the established researchers of the future". The first keynote speaker, Charles McCulloch of UC San Francisco, gave a talk on "Modeling yourself into Biostatistics", arguing for more interconnection between statistical and scientific disciplines. Jessica Utts of UC Davis, in a talk called "Identifying and enhancing your role in statistics education", gave practical suggestions on narrowing the "...huge discrepancy between what people think stats can do, and what it can actually do for us", as well as advice on teaching and learning styles. Xiao-Li Meng, who attended the first NRC in 1993 (introduced as a "famous former New Researcher") spoke of the importance of creative approaches to statistical problems and of "staying in the circle" professionally and socially; also the importance of achieving a work/life balance.

Feedback from the new researchers was overwhelmingly positive. Many attendees liked the short 12-minute presentation format: comments including "It's good to get practice at presenting our ideas in a



2003 IMS New Researchers Conference

succinct format." Several people wanted to find out more about the others' research interests. And everyone seemed to enjoy the small size of the meeting, since it really gave people the opportunity to get to know each other. Everyone seemed to get a great deal out of the conference. Vera Bulaevskaya said "I've been highly recommending the conference to people who'll be graduating in the coming years."

Always a popular conference, this year's NRC was so over-subscribed that the organizers, Rich Levine, Juanjuan Fan and Mitch Watnik, had to limit the numbers attending to just those who had already received their PhDs. However, the NRC is now going to take place every year, instead of every other year, so that more new researchers will in future be able to take part.

So next year's meeting is in Toronto (York University), August 4–6, immediately before JSM. Already confirmed as speaker is Xihong Lin, with several others awaiting confirmation. Further information is available from the Program Chair, Peter Song [song@mathstat.yorku.ca](mailto:song@mathstat.yorku.ca) and at <http://www.math.yorku.ca/StatsSection/NAC>. The abstract deadline is February 1, 2004.



Serious discussions: two 'Eggheads' by Robert Arneson



Program chairs Rich Levine & Juanjuan Fan



It wasn't all hard work...

# IMS Mini-meeting Reports

## IMS sponsored mini-conference on Non/semi-parametric Models and Sequential Analysis: Arne Bathke and Mai Zhou (Univ. of Kentucky) write:

This IMS-sponsored mini-conference was held on 28 June, 2003 at the University of Kentucky. According to feedback from the 32 participants, this day full of lectures and stimulating discussions was a great success. We would like to thank the IMS for their financial support. It is often heard that smaller conferences are better: we hope the speakers and other participants agreed with regard to this mini-meeting!

The morning session started with a lecture by Dr **Jayaram Sethuraman** (Florida State U). He spoke about super-efficient estimators and showed that they do not lead to super powerful tests. Specifically, he showed that the test based on the super-efficient estimator discovered by J.L. Hodges is only as powerful as the test based on the usual MLE, under Pitman efficiency, Bahadur and Hodges-Lehmann efficiencies. Also, D. Basu, in his unpublished PhD dissertation, found a super efficient estimator. The test based on the MLE is however locally more powerful than the test based on this super efficient estimator, for all sample sizes.

**Ralph D'Agostino** (Boston U) pointed out some developments in discrimination and calibration measures for survival analysis models. Discrimination is the ability of a model to separate individuals who develop an event from those who do not. Calibration is the model's ability to estimate the correct probability that an event will occur. For discrimination, the area under the Receiver Operating Characteristic (ROC) curve is often used. Dr D'Agostino investigated two confidence intervals for this area for both logistic regression and survival models. For calibration, he reviewed chi-square statistics for assessing goodness of fit of the logistic regression model and survival models.

**Tze-Leung Lai** (Stanford U) reviewed some recent developments in optimal stopping, particularly in connection with the pricing and hedging of American options. He then introduced a basis function approach for the development of (i) nonparametric pricing formulas for actively traded standard American options and (ii) simulation-based optimization strategies for complex over-the-counter options, whose optimal stopping problems are prohibitively difficult to solve numerically by backward induction algorithms because of the curse of dimensionality. An important issue in this approach is the choice of basis functions, for which Dr Lai provided some guidelines and their underlying theory involving nonparametric multiple regression.

**Usha Govindarajulu** (Boston U) talked about frailty models and other survival models in the context of the Framingham Heart Study. She compared various frailty models available to other survival models, and introduced a new frailty model developed to model frailty as a function of covariates.

The afternoon session focused on a relatively new area in nonparametric statistics, namely empirical likelihood (EL). In the first lecture of the afternoon session, **Gang Li** (UC Los Angeles) gave an introduction to EL, and developed an EL method for censored linear regression based on an estimating equation of Buckley and James. His method does not require variance estimation, and provides substantial improvement over the synthetic data method that was introduced by Koul, Susarla and Van Ryzin, as shown by many simulations and examples.

**Yuichi Kitamura** (U of Pennsylvania) spoke on identification and estimation in some mixture models. Mixture models are useful in applied econometrics. They are also convenient in dealing with contaminated sampling models and models with multiple equilibria. Most of the currently available estimation methods for mixtures are entirely parametric; or, at least they usually employ parametric "type-specific" likelihood functions. Dr Kitamura introduced a non/semi-parametric treatment of these models. He presented some new nonparametric identification results and showed that mixture models are identified under very weak assumptions that are plausible in economic applications. He then showed how to carry out semiparametric maximum likelihood estimation for these models by using a practical EM-type algorithm.

In her lecture, **Nicole Lazar** (Carnegie Mellon U) talked about using jackknife influence functions and the bootstrap to understand the effect of individual data points on empirical likelihood inference. In previous work, she had developed diagnostics for assessing the influence of individual data points on the shape, size and orientation of confidence regions based on empirical likelihood. Dr Lazar gave a brief introduction to empirical likelihood confidence region diagnostics. She then showed how jackknife influence functions and the bootstrap can be used to obtain critical levels for the shape and size diagnostics.

The last speaker of the event was **Jian-Jian Ren** (U of Central Florida). She introduced the concept of weighted empirical likelihood. This is a newly developed likelihood method which can be used to construct tests and confidence intervals for various types of incomplete data, such as right censored data, doubly censored data, interval censored data and partly interval-censored data. Dr Ren discussed the confidence intervals for survival probabilities based on weighted empirical likelihood.

For more conference information, including photos, the complete abstracts and slides of several talks, see <http://www.ms.uky.edu/~statinfo/nonparconf/>

*Additional support for the conference was received from the University of Kentucky Office of the Vice President for Research, and the Dean's Office, College of Arts and Sciences.*

# IMS Mini-meeting Reports

## George Casella, University of Florida, reports from the Functional Data Analysis mini-meeting:

In January 2003 the Department of Statistics of the University of Florida held its Fifth Annual Winter Workshop: an IMS Mini-Meeting on Functional Data Analysis (FDA). There were approximately 60 participants in this one day workshop. The topics discussed spanned a range of theoretical and applied problems. The invited speakers addressed topics such as inference in functional regression models, fitting high-dimensional sparse data, lifting theorems, functional anova, and time warping. There were applications to lottery prediction, genetics, neuroscience, historical signatures, geosciences, and much more.

Also part of the workshop was a very lively poster session (see photo), with about twenty presenters, displaying a wide range of both theoretical and applied work in FDA.

The participants were particularly energized by both the theory and extreme usefulness of FDA, and the scheduling of the workshop allowed plenty of time for informal interactions. A web record of the conference is available at <http://www.stat.ufl.edu/symposium/2003/fundat/>

Thanks to support from the University's College of Liberal Arts and Sciences, the Graduate School, the IMS, and the National

Science Foundation, we were able to invite 12 outside speakers, and support 20 young researchers to attend the conference.



Please see <http://www.stat.ufl.edu/symposium/2004/dmbio/> for information on the Sixth Annual Winter Workshop, on Data Mining, Statistical Learning, and Bioinformatics. This workshop will be held January 8-10, 2004 at the University of Florida, and has received NSF funding to support the attendance of young researchers.

## Yazhen Wang, University of Connecticut, reports from the Statistics for Mathematical and Computational Finance mini-meeting

With support from IMS and Uconn Research Foundation, the IMS mini-conference on Statistics for Mathematical and Computational Finance was held on May 3, 2003 at the University of Connecticut.

The conference attracted more than sixty participants, including many brilliant graduate students, who came from a variety of backgrounds: probability and statistics, economics, finance, management, and insurance and financial companies.

In financial modeling and asset pricing, various stochastic models have been employed, and cutting-edge statistical methods are being used for inferences and computations. The major goals of the conference were to bring together probabilists, statisticians, financial

economists, and practitioners to stimulate discussions and exchange of ideas among participants in these different disciplines that would call for attention to statistical problems, promote interdisciplinary collaborations and collaborations between industry and academics, and provide guidance to the young researchers and graduate students. These objectives were achieved.

There were two out-of-town and three local speakers in the related disciplines to give very high quality presentations in the one day conference. These talks covered stochastic models, statistical inference, option pricing, and computing in mathematical finance and financial econometrics.

The feedback has been very positive,

with participants complimenting the organizers for a very well organized conference and excellent speakers.

A copy of the final program and presented papers can be seen at <http://www.stat.uconn.edu/~yzwang/IMSfinance>.

**Have you  
moved  
house or job  
recently?**

**Don't forget  
to tell the  
Dues & Subs Office!**

Check your record online at  
<http://www.imstat.org/membership/>



## Meeting Reports Continued: Report from the First IMS-ISBA Joint Meeting, Puerto Rico, July, 2003.

Luis Raul Pericchi, Local Organizer, writes:

The First joint statistical meeting between IMS and ISBA (the International Society of Bayesian Analysis) was held in the Intercontinental Hotel in San Juan, Puerto Rico, from July 24-26.

It was sponsored by the School of Natural Sciences UPR-RRP, EPSCoR, National Security Agency (NSA), Alliance for Graduate Education and the Professoriate (AGEP), and by IMS and ISBA.

There were 130 participants from the Americas, Europe and Asia, 41 of them from Puerto Rico (I note the participation of Puerto Rican based persons, since this is the first truly international meeting in Statistics in PR). There were 27 invited conferences and about 50 posters.

In addition to the main meeting, we had the following satellite activities:

- 1) Workshop on Model Selection: Hotel Intercontinental, July 22-23, with 40 participants;
- 2) Workshop by the US Bureau of Census, July 23, School of Natural Sciences UPR-RRP, with 35 participants and 5 conferences;
- 3) An Introduction to Bayesian Methods, July 23, School of Natural Sciences UPR-RRP, 2 conferences and 25 participants.

After the main meeting, on Sunday July 27, a one day Workshop on Bioinformatics and Biostatistics was held (supported by Biomedical Research Networks in Puerto Rico: BRIN, and organized by Prof O. Moreno). There were about 50 participants, mostly from Puerto Rico, 4 long conferences and several short ones.

Full conference details are available at <http://www.cnnnet.clu.edu/math/ims-isba-pr2003>

The Second Joint IMS-ISBA Statistical Meeting has been approved and is already

being organized by Dr Brad Carlin and Dr Antonieta Mitra. It will be held in Europe. I hope that this will become a stable series of conferences. In my opinion, we would attract a wider audience if, instead of 3 topics with 8 conferences plus a key note overview, we change the design by doubling the topics and halving the number of speakers on each.

I acknowledge three institutions that literally made the meeting—or rather, series of meetings—held in PR, possible. First, the School of Natural Sciences and EPSCoR, particularly Manuel Gomez, Brad Weiner and Evelyn Rivera. The University of Puerto Rico was truly generous with this meeting; I should also mention the dedication



of Marisol Calzada, Betty Febo and the graduate students in Mathematics at UPR. Secondly, the Institute of Mathematical Statistics, and notably Elyse Gustafson, were most helpful. Finally, thanks to the National Security Agency and Jackie Smith, who made the partial support of invited speakers possible.

### NOMINATIONS SOUGHT FOR THE MARVIN ZELLEN LEADERSHIP AWARD IN STATISTICAL SCIENCE

The Department of Biostatistics at the Harvard School of Public Health has named **Wayne A. Fuller**, Emeritus Distinguished Professor in Liberal Arts and Sciences, Iowa State University, the recipient of the 2003 Marvin Zellen Leadership Award in Statistical Science. Dr. Fuller delivered a lecture entitled “Analytic Studies with Complex Survey Data” on May 30 at Harvard University.

This annual award, supported by colleagues, friends and family, was established to honor Dr. Marvin Zellen’s long and distinguished career as a statistician and his major role in shaping the field of biostatistics.

The award recognizes an individual in government, industry, or academia, who by virtue of his/her outstanding leadership has greatly influenced the theory and practice of statistical science. While individual accomplishments are considered, the most distinguishing criterion is the awardee’s contribution to the creation of an environment in which statistical science and its applications have flourished. The award recipient will deliver a public lecture on statistical science at the Harvard School of Public Health and will be presented with a citation and an honorarium.

Nominations for next year’s award, to be given in May 2004, should be sent to the Marvin Zellen Leadership Award Committee, Department of Biostatistics, Harvard School of Public Health, 655 Huntington Avenue, Boston, MA 02115, USA. Nominations should include a letter describing the contributions of the candidate, specifically highlighting the criteria for the award, and a curriculum vita. Supporting letters and materials would be extremely helpful to the committee.

**All nominations must be received by December 1, 2003.**



# IMS Laha Travel Award: Call for Applications

With funds from a generous bequest by the late Professor Radha Govind Laha, IMS has established the Laha Awards for travel to the next IMS Annual Meeting in Barcelona, July 26–30, 2004.



**Eligibility:** First priority will be given to students, second priority to New Researchers within 2 years of Ph.D. degree at the date of the meeting.

Applicants must be members of IMS, though joining at the time of application is allowed. Student membership is free and New Researchers also qualify for substantially reduced rates. To become a member, please see <http://www.imstat.org/membership>

**Amount:** Up to US\$500 per award, to be reimbursed against receipts. May be combined with other sources of funding.

**Application Contents:** Please send

- covering letter with contact information (including e-mail address)
- title, abstract, a brief 1–2 page summary of the paper to be presented, and one copy of the full paper or a link to a web site where the paper appears.
- For students: please include a letter signed by the advisor attesting to the fact that the student is a degree candidate at some point in 2003. For new researchers, please include the month and year of your graduation in the cover letter.

**Additional Information:** Applications will be reviewed by the IMS Executive Committee, and applicants will be notified in early March 2004. It is expected that at least 8 awards will be made. The work must be that of the student (or new researcher), although it may have been done in collaboration with an advisor or others. Deadline: February 20, 2004

For more information, please write to: IMS Laha Award Application, Institute of Mathematical Statistics, PO Box 22718, Beachwood, OH 44122, U.S.A. Or you can fax 1.216.921.6703 or email [ims@imstat.org](mailto:ims@imstat.org)

*Below: Recipients of the 2003 Laha Awards, who traveled to JSM San Francisco to present their papers.*



## The 2004 DeGroot Prize: Call for Entries

**Stephen E. Fienberg, CREST Paris, writes:** The DeGroot Prize is awarded to the author or authors of a published book in statistical science. The Prize is named for Morris (“Morrie”) H DeGroot, and recognizes the impact and importance of his work in statistics and decision theory, and his marked influence on the evolution of the discipline over several decades through his personal scholarship, educational and professional leadership. The prize in particular recognizes DeGroot’s authorship and editorship of major books that had marked impact on the development of the field and the value he placed on the role of books generally.

Award winning books will be textbooks or monographs concerned with fundamental issues of statistical inference, decision theory and/or statistical applications, and will be chosen based on their novelty, thoroughness, timeliness, and importance of their intellectual scope.

The Prize, awarded every second year, is administered by the International Society for Bayesian Analysis and consists of \$1500 and a plaque. The first Prize was awarded in 2002 to Robert G. Cowell, A. Philip Dawid, Steffen Lauritzen, and David J. Spiegelhalter (1999). *Probabilistic Networks and Expert Systems*, Springer-Verlag, New York.

**Nominations for the 2004 award must be received by December 31, 2003.** Only books published during the 5 year period ending December 31, 2002 are eligible for consideration for the prize this year. There is no restriction on publisher or country of publication. Books authored or co-authored by members of the selection committee are ineligible for consideration. The winner of the 2004 DeGroot Prize will be announced at the ISBA International Meeting in Chile in May 2004.

Further information is available at <http://www.bayesian.org>

# COPSS Awards presented at JSM

The Committee of Presidents of Statistical Societies, namely IMS, the American Statistical Association, the International Biometric Society (ENAR/WNAR), and the Statistical Society of Canada (SSC), annually present COPSS Awards to honor statisticians. The following awards were presented at the Joint Statistical Meetings in San Francisco.

Andy Gelman, Columbia University, received the Presidents' Award, in recognition of his work in computer technology. C F Jeff Wu presented the award with Dr Gelman's citation, "For the development of methodology integrating statistical modeling, computation, and graphics; for applications to Political Science, Public Health and Policy; and for dissemination of these ideas and results." The President's award is presented annually to a young (under 40) member of one of the participating societies of COPSS, in recognition of outstanding contributions to the statistics profession.

Juliet Shaffer, UC Berkeley, received the Florence Nightingale David Award, a newly established award sponsored jointly by COPSS and the Caucus for Women in Statistics. This award is named after Florence Nightingale David, an accomplished



Juliet Shaffer

statistician and the first recipient of the Elizabeth L Scott Award. This award is to be granted to a female statistician who serves as a role model to other women by her contributions to the profession through excellence in research, leadership of multidisciplinary collaborative groups, statistics education, or service to the professional societies. Her citation was, "For her pioneering contributions to statistical methods in education and psychometrics; for her exceptional role in fostering opportunities for and in support of the advancement of women in the sciences."

Paul R Rosenbaum, University of Pennsylvania, received the George W Snedecor Award. This award honors an individual who was instrumental in the development of statistical theory in biometry. His citation read "For 'Effects Attributable to Treatment: Inference in Experiments and Observational Studies with a Discrete Pivot', and 'Attributing Effects to Treatment in Matched Observational Studies', respective



Andy Gelman, left, with C F Jeff Wu



Paul Rosenbaum with Aparna Huzurbazar

publications in *Biometrika* (2001) and the *Journal of the American Statistical Association* (2002) that introduce the concept of an attributable effect and propose methods for evaluating such effects in a variety of randomized experiments and in observational data. The Committee of Presidents of Statistical Societies recognizes the work as a seminal advance in methodology for causal inference; reflective of a career marked by such advances; and

noteworthy among biostatistical papers published during 2001-2002."

Adrian F M Smith, Queen Mary's College, University of London, gave the R A Fisher Lecture entitled,

"On Rereading L.J. Savage Rereading R.A. Fisher". COPSS established the R A Fisher Lectureship in 1963 to honor the contributions of Sir Ronald Aylmer Fisher and the work of a present-day statistician.



Adrian Smith, Fisher Lecturer

**Look out for profiles in forthcoming issues!**

Thanks to Aparna Huzurbazar, University of New Mexico, for help in preparing this report. Photos courtesy of Eric Sampson, ASA.

## OBITUARY: Howard Levene



Dr Howard Levene, who made a number of important contributions to statistics and genetics and was a professor of mathematical statistics and genetics at Columbia University before his retirement in 1982, died of natural causes on July 2 at his home in New York, at the age of 89.

Dr Levene received his PhD degree in mathematical statistics from Columbia University in 1947 and then became a faculty member at the university, holding a joint appointment in statistics and biology. He began a long period of collaboration

with the distinguished geneticists Theodosius Dobzhansky and Leslie Dunn at Columbia. His best-known work with Dr Dobzhansky involved the genetics of the fruit fly (*Drosophila*), which has been used in experimental studies of heredity because of its short life cycle and great reproductive ability. He worked with Dr Dunn on population dynamics and the effects of mutations on developments in mammals. He wrote a chapter on statistical inference in genetics in *Principles of Genetics* by Dunn, Dobzhansky and Sinnott, which became an important reference on the subject after its publication in 1958.

It was an exciting period in genetics and evolutionary biology at Columbia, and among Dr Levene's prominent students during that period were Richard Charles Lewontin and the late Stephen Jay Gould, who were biology professors at Harvard.

In the field of statistics, Dr Levene developed run tests of randomness, techniques for assessing the effectiveness of quality control charts, and the Levene tests for the equality of two population variances. He served as Chairman of the Department of Mathematical Statistics at Columbia for

many years, including an uninterrupted period from 1975 to his retirement in 1982.

Dr Levene was born on January 7, 1914, in New York City. He received his undergraduate education at New York University, graduating with a BA degree (Summa Cum Laude) in 1941. During the war he worked at Columbia University in the Statistical Research Group and finished his PhD thesis after the war in 1947. The Statistical Research Group was part of the U.S. Office of Scientific Development from 1942 to 1945 to perform statistical quality control and develop new methodologies in support of the war effort. It consisted of many eminent statisticians, including Harold Hotelling, Abraham Wald, Allen Wallis, Jacob Wolfowitz (who was Dr Levene's PhD thesis advisor), and the Nobel laureates Kenneth Arrow, Milton Friedman and George Stigler.

Howard Levene was the only son of Mr and Mrs Alexander Levene, and is survived by his cousins Mrs Marie P. Lampard and Dr Benjamin F. Levene Jr.

*Dood Kalicharan,  
Dept. of Statistics,  
Columbia University*

## Dues information for 2004

Council has approved the Dues for 2004 as shown in the table. IMS will now give a 20% discount for timely renewals, for all membership categories. The special rates (reduced, graduate, life and retired life) are accordingly increased. The requirement for members to purchase a print journal is now dropped. Student membership now includes one gratis print journal; additional journals may be purchased at the student rates.

Institutional membership will increase to \$595; corporate membership remains at \$850. Electronic access to all our journals is included in these rates.

Institute of Mathematical Statistics 2004 Dues (All rates in US \$)								
	Regular	Joint	Reduced	1st Year Graduate	2nd Year Graduate	Student	Life	Retired Life
<b>Basic membership</b> (includes <i>IMS Bulletin</i> )	\$75	\$80	\$30	\$25	\$50	\$0	\$900	\$240
<b>Additional titles:</b>								
<i>Statistical Science</i>	\$15	\$15	\$6	\$15	\$15	\$6	\$180	\$48
<i>Annals of Statistics</i>	\$30	\$30	\$12	\$30	\$30	\$12	\$360	\$96
<i>Annals of Probability</i>	\$25	\$25	\$10	\$25	\$25	\$10	\$300	\$80
<i>Annals of Applied Probability</i>	\$20	\$20	\$8	\$8	\$8	\$8	\$240	\$64

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This book presents methods for analyzing data using parametric nonlinear regression models. Using examples from experiments in agronomy and biochemistry, it shows how to apply the methods. Aimed at scientists who are not familiar with statistical theory, it concentrates on presenting the methods in an intuitive way rather than developing the theoretical grounds. The book includes methods based on classical nonlinear regression theory and more modern methods such as the bootstrap that have proven effective in practice. The examples are analyzed with the software program nls2 implemented in S-PLUS.

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J. MØLLER, Aalborg University, Denmark (Ed.)

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## LINEAR REGRESSION

J. GROß, University of Dortmund, Germany

The book covers the basic theory of linear regression models and presents a comprehensive survey of different estimation techniques as alternatives and complements to least squares estimation.

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## BAYESIAN NONPARAMETRICS

J.K. GHOSH, Indian Statistical Institute, Kolkata, India; and R.V. RAMAMOORTHY, Michigan State University, East Lansing, MI

This book is the first systematic treatment of Bayesian nonparametric methods and the theory behind them. While the book is of special interest to

Bayesians, it will also appeal to statisticians in general because Bayesian nonparametrics offers a whole continuous spectrum of robust alternatives to purely parametric and purely nonparametric methods of classical statistics.

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# Institute of Mathematical Statistics

## Nomination Form for Fellow

Please send completed form and documentation to:

Committee on Fellows

c/o Elyse Gustafson, IMS Executive Director

3163 Somerset Drive

Shaker Heights OH 44122

To obtain more forms or for questions please call (216) 295-2340, email [ims@imstat.org](mailto:ims@imstat.org) or visit the IMS web site [www.imstat.org](http://www.imstat.org).

### Qualifications for Fellowship:

The candidate shall have demonstrated distinction in research in statistics or probability, by publication of independent work of merit. This qualification may be partly or wholly waived in the case of (1) a candidate of well-established leadership whose contributions to the field of statistics or probability other than original research shall be judged of equal value; or (2) a candidate of well-established leadership in the application of statistics or probability, whose work has contributed greatly to the utility of and the appreciation of these areas. Candidates for fellowship should be members of IMS on December 1 of the year preceding their nomination, and should have been members of the IMS for at least two years.

### Nomination Materials:

Please send ten (10) collated copies of the following:

1. Nomination form
2. Letter from nominator
3. Recent CV (preferably not older than 2 years)
4. 3-5 supporting letters (in addition to the nominator's letter). *Letters are expected to explicitly address the above IMS criteria for fellowship*

All nominations must be received by **January 31 2003**.

Please type or print

**1. Name of Nominee**    Family \_\_\_\_\_ Given \_\_\_\_\_ Middle \_\_\_\_\_

**Date of birth**    \_\_\_\_\_

**2. Degrees (titles, dates, schools, and fields)**

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**3. Present position(s), followed by significant former positions, with dates**

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**4. Please draft here a citation that might accompany the election to Fellowship**

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**5. Transmit with this nomination form a list of not more than five publications or other reasons for the nomination  
(attach additional sheets, if necessary)**

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**6. Comments**

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**7. Nominator's name**    Family     Given     Middle **Mailing address**    

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# 66th IMS Annual Meeting: Annual Reports

## Program Secretary's Report, 2003

The following describes IMS meeting and workshop activities. IMS members are strongly encouraged to offer suggestions about workshops, meeting sites, chairs, and topics. In addition, those who are organizing meetings and are interested in IMS co-sponsorship are encouraged to do so; please contact the incoming program secretary, Andrew Nobel ([nobel@stat.unc.edu](mailto:nobel@stat.unc.edu)) after reading information at the IMS Program Secretary's website: <http://www.imstat.org/program/default.htm> IMS would like to sponsor at least one meeting outside the North American continent every year. Note the planned meeting with ISBA in the Italian Alps (2005)! We welcome assistance in our endeavor to broaden IMS program activities!

This is my last program secretary report; I thank all of you who have worked with me over the last 3 years. I've enjoyed my time as program secretary very much! Please join me in welcoming Andrew Nobel of the University of North Carolina to this position.

IMS has arranged to sponsor or co-sponsor the following meetings in 2003:

**TITLE:** International Workshop on Current Trends in Bayesian Statistics; **DATE:** January 6-8, 2003; **LOCATION:** Indian Statistical Institute, Calcutta, India; **IMS REPRESENTATIVE:** Dipak Dey, [dey@stat.uconn.edu](mailto:dey@stat.uconn.edu); **TYPE:** Cosponsored; [www.isical.ai.in/~bws03](http://www.isical.ai.in/~bws03)

**TITLE:** Functional Data Analysis; **DATE:** Jan. 10-11, 2003; **LOCATION:** Gainesville Florida, Univ. of Florida; **ORGANIZER:** Clyde Schoolfield, Univ. of Florida, [clyde@stat.ufl.edu](mailto:clyde@stat.ufl.edu); **TYPE:** IMS minimeeting; <http://www.stat.ufl.edu/symposium/2003/fundat/>

**TITLE:** Seminar on Stochastic Processes 2003; **DATE:** March 27-29, 2003; **LOCATION:** University of Washington, Seattle; **IMS Representative:** Chris Burdzy, [burdzy@math.washington.edu](mailto:burdzy@math.washington.edu); **TYPE:** Co-Sponsored; <http://www.math.washington.edu/~burdzy/SSP2003/>

**TITLE:** ENAR/IMS Eastern Regional; **DATE:** March 30-April 2, 2003; **LOCATION:** Tampa, Florida; **Program Chair:** Daniel Scharfstein, Johns Hopkins University, [dscharf@jhsp.edu](mailto:dscharf@jhsp.edu); **Contributed Papers Chair:** Karl Broman, Johns Hopkins University, [kbroman@jhsp.edu](mailto:kbroman@jhsp.edu); **TYPE:** Sponsored/Numbered (280); <http://www.biostat.jhsph.edu/enarims2003/>

**TITLE:** Statistics for Mathematical and Computational Finance; **DATE:** May 3, 2003; **LOCATION:** University of Connecticut; **Organizer:** Yazhen Wang, [yzwang@stat.uconn.edu](mailto:yzwang@stat.uconn.edu); **TYPE:** IMS minimeeting; <http://www.stat.uconn.edu/~yzwang/IMSfinance>

**TITLE:** Spring Research Conference on Statistics in Industry and Technology; **DATE:** June 4 - 6, 2003; **LOCATION:** University of Dayton, Dayton, Ohio; **Program Chair:** Russell V. Lenth, Univ. of Iowa, [russell-lenth@uiowa.edu](mailto:russell-lenth@uiowa.edu)

**Local Arrangements:** Peter W. Hovey, Univ. of

Dayton, [Peter.Hovey@notes.udayton.edu](mailto:Peter.Hovey@notes.udayton.edu); **TYPE:** Co-Sponsored; <http://www.stat.uiowa.edu/SRC2003/>

**TITLE:** 2003 Joint Summer Research Conferences; **DATE:** June 8 - July 24, 2003; **LOCATION:** Snowbird, Utah, U.S.A.; **TYPE:** Co-Sponsored; <http://www.ams.org/meetings/src03.html>

**TITLE:** Machine Learning Methods from a Statistical Perspective at the Statistical Society of Canada's annual meeting; **DATE:** June 8-11, 2003; **LOCATION:** Halifax, Canada; **IMS Organizer:** Yi Lin, Univ. of Wisconsin, [yilin@cs.wisc.edu](mailto:yilin@cs.wisc.edu); **TYPE:** IMS Invited Paper Session

**TITLE:** Shape-Restricted Inference at the Statistical Society of Canada's annual meeting; **DATE:** June 8-11, 2003; **LOCATION:** Halifax, Canada; **IMS Organizer:** Mary Meyer, Univ. of Georgia, [mmeyer@stat.uga.edu](mailto:mmeyer@stat.uga.edu); **TYPE:** IMS Invited Paper Session

**TITLE:** WNAR/IMS Western Regional; **DATE:** June 22-25, 2003; **LOCATION:** Colorado School of Mines in Golden, CO; **Program Chair:** Naisyin Wang, Texas A&M [nwang@stat.tamu.edu](mailto:nwang@stat.tamu.edu); **Local Arrangements Chair:** F. Jay Breidt and Jan Hannig, both of Colorado State Univ.; [jbredt@stat.colostate.edu](mailto:jbredt@stat.colostate.edu), [hannig@stat.colostate.edu](mailto:hannig@stat.colostate.edu); **TYPE:** Sponsored/Numbered (281); <http://biosweb.njc.org/vc/biom/WNAR2003/WelcomePage.cfm>

**TITLE:** First Joint IMS-ISBA Meeting; **DATE:** July 24-26, 2003; **LOCATION:** Intercontinental Hotel, Isla Verde, San Juan, Puerto Rico.; **Joint Program Chair:** M.J. Bayarri, Universitat de Valencia, [susie.bayarri@uv.es](mailto:susie.bayarri@uv.es); **Local Arrangements Chair:** Luis Pericchi, University of Puerto Rico; [pericchi@goliath.cnnnet.clu.edu](mailto:pericchi@goliath.cnnnet.clu.edu); **TYPE:** Sponsored/Numbered (282); <http://www.cnnnet.clu.edu/math/ims-isba-pr2003/>

**TITLE:** Miniconference on Non/semi-parametric

models and sequential analysis; sponsored by IMS and the Univ. of Kentucky; **DATE:** June 28, 2003

**LOCATION:** Lexington, Kentucky; **Organizers:** Mai Zhou and Arne Bathke; **TYPE:** MiniMeeting; <http://www.ms.uky.edu/%7Eestatinfo/nonparconf/>

**TITLE:** Workshop on Statistical Inference, Computing and Graphics for; **DATE:** August 1-2, 2003; **LOCATION:** San Francisco, CA; **Organizer:** Susan Holmes, Stanford University, [susan@stat.Stanford.EDU](mailto:susan@stat.Stanford.EDU); **TYPE:** MiniMeeting; <http://www-stat.stanford.edu/~susan/graph/>

**TITLE:** IMS New Researchers Conference; **DATE:** July 29-August 2, 2003; **LOCATION:** University of California, Davis; **IMS Program Chair:** Richard Levine (Univ of CA, Davis) [levine@wald.ucdavis.edu](mailto:levine@wald.ucdavis.edu); **IMS Local Chair:** Juanjuan Fan (Univ of CA, Davis) [jjfan@wald.ucdavis.edu](mailto:jjfan@wald.ucdavis.edu); **TYPE:** Sponsored/Numbered (283); <http://anson.ucdavis.edu/~levine/NRC/>

**TITLE:** Joint Statistical Meetings (ASA/IMS/ENAR/WNAR/SSC); **DATE:** August 3-7, 2003; **LOCATION:** San Francisco; **IMS Program Chair:** Jane-Ling Wang, (Univ. of CA, Davis) [wang@wald.ucdavis.edu](mailto:wang@wald.ucdavis.edu); **Contributed Papers Chair:** Lutz Duembgen [lutz.duembgen@stat.unibe.ch](mailto:lutz.duembgen@stat.unibe.ch); **TYPE:** Sponsored/Numbered (284); <http://www.amstat.org/meetings/jsm/2003/>

**TITLE:** The Analysis of Gene Expression Data at the International Statistical Institute, 54th Biennial Session; **DATE:** August 13-20, 2003; **LOCATION:** Berlin; **IMS Organizer:** Mike West, Duke University, [mw@stat.duke.edu](mailto:mw@stat.duke.edu) (speakers are Rainer Spang [spang@molgen.mpg.de](mailto:spang@molgen.mpg.de), Max Planck Institut fuer Molekulare Genetik; Sandrine Dudoit, [sandrine@stat.berkeley.edu](mailto:sandrine@stat.berkeley.edu), of UC Berkeley and Mike West); **TYPE:** IMS Invited Paper Session

**TITLE:** International Workshop on Wavelets in Statistics: Watering the Seeds; **DATE:** September 4-7, 2003; **LOCATION:** Grenoble, France; **IMS Representative:** Bernard Silverman [B.W.Silverman@bristol.ac.uk](mailto:B.W.Silverman@bristol.ac.uk); **TYPE:** Co-sponsored; <http://www-lmc.imag.fr/grenoblet2003/>

**TITLE:** Statistical Problems in Particle Physics, Astrophysics, and Cosmology; **DATE:** September 8-11, 2003; **LOCATION:** Stanford, California, USA; **IMS Representative:** John Rice [rice@stat.berkeley.edu](mailto:rice@stat.berkeley.edu); **TYPE:** Co-sponsored; <http://www-conf.slac.stanford.edu/phystat2003/>

**TITLE:** Workshop on Adaptive Designs; **DATE:** September 25-27, 2003; **LOCATION:** Fields Institute, Toronto, Ontario, Canada; **IMS Representative:** Nancy Flournoy [flournoyn@missouri.edu](mailto:flournoyn@missouri.edu); **TYPE:** Co-sponsored; <http://www.fields.utoronto.ca/programs/scientific/03-04/adaptive/>

**TITLE:** IMS Mini-Meeting Statistics and Sports; **DATE:** November, 2003; **LOCATION:** Worcester Polytechnic Institute, MA, USA; **Organizer:** Carlos J. Morales, [cmorales@wpi.edu](mailto:cmorales@wpi.edu); **TYPE:** MiniMeeting; [www.wpi.edu/~swift/sports/](http://www.wpi.edu/~swift/sports/)

**TITLE:** Statistics in Social Science and Agricultural Sciences; **DATE:** December 20-21, 2003; **LOCATION:** Santiniketan, India; **Organizer:** Debasis Bhattacharya; **TYPE:** MiniMeeting;

At this time IMS has arranged to sponsor or co-sponsor the following meetings in 2004:

**TITLE:** Current Trends in Survey Sampling and Official

Statistics; **DATE:** January, 2-3 2004; **LOCATION:** Calcutta, India; **Organizer:** Partha Lahiri, University of Maryland, [plahiri@survey.umd.edu](mailto:plahiri@survey.umd.edu); **TYPE:**

MiniMeeting; <http://www.jpsm.umd.edu/ims>

**TITLE:** IX Latin American Congress of Probability and Mathematical Statistics (CLAPEM); **DATE:** March 22-26, 2004; **LOCATION:** Punta del Este, Uruguay; **IMS Representative:** Alicia Carriquirry; **TYPE:** Co-sponsored ; <http://imerl.fing.edu.uy/clapem/>;

**TITLE:** International Workshop in Applied Probability (IWAP); **DATE:** March 22-25, 2004; **LOCATION:** University of Piraeus, Greece; **IMS Representative:** Joe Glaz, [glaz@uconnvm.uconn.edu](mailto:glaz@uconnvm.uconn.edu); **TYPE:** Co-sponsored ; <http://mefast.stat.unipi.gr/iwap2004>;

**TITLE:** ENAR/IMS Eastern Regional; **DATE:** March 28-31, 2004; **LOCATION:** Pittsburgh, PA, USA; **Program Chair:** Dan Nicolae, University of Chicago, [nicolae@galton.uchicago.edu](mailto:nicolae@galton.uchicago.edu); **Contributed Papers Chair:** ; **TYPE:** Sponsored/Numbered (285); <http://www.enar.org/meetings.htm>;

**TITLE:** WNAR/IMS Western Regional; **DATE:** June 20-23, 2004; **LOCATION:** Albuquerque, New Mexico, USA; **Program Chair:** Jason Fine, (Univ of Wisconsin), [fine@biostat.wisc.edu](mailto:fine@biostat.wisc.edu); **Local Arrangements Chair:** Gabriel Huerta (Univ. of New Mexico), [ghuerta@stat.unm.edu](mailto:ghuerta@stat.unm.edu); **TYPE:** Sponsored/Numbered (287);

**TITLE:** The Sixth ICSA International Conference, Singapore; **DATE:** July 21-23, 2004; **LOCATION:** Singapore; **IMS Representative:** Louis Chen, [lhychen@ims.nus.edu.sg](mailto:lhychen@ims.nus.edu.sg); **TYPE:** Co-sponsored ; <http://www.statistics.nus.edu.sg/ICSA.htm>;

<http://www.statistics.nus.edu.sg/ICSA.htm>;

**TITLE:** IMS Annual Meeting/ Bernoulli World Congress; **DATE:** July 26-30, 2004; **LOCATION:** Barcelona, Spain; **Joint Program Chair:** Wilfrid S Kendall, [wsk@stats.warwick.ac.uk](mailto:wsk@stats.warwick.ac.uk); **Joint Local Chair:** David Nualart, [nualart@mat.ub.es](mailto:nualart@mat.ub.es); **TYPE:** Sponsored/Numbered (286); <http://www.imub.ub.es/events/wc2004/>;

**TITLE:** New Directions in Probability Theory; **DATE:** August 6-7, 2004; **LOCATION:** Toronto, Fields Institute; **IMS Program Chair:** Maury Bramson [bramson@math.umn.edu](mailto:bramson@math.umn.edu); **TYPE:** Sponsored; <http://www.imstat.org/meetings/NDPT/>;

**TITLE:** Joint Statistical Meetings (ASA/IMS/ ENAR/WNAR/SSC); **DATE:** August 8-12, 2004; **LOCATION:** Toronto; **IMS Program Chair:** Michael Evans, (Univ of Toronto) [mevans@utstat.utoronto.ca](mailto:mevans@utstat.utoronto.ca); **Contributed Papers Chair:**; **TYPE:** Sponsored/Numbered (288); <http://www.amstat.org/meetings/jsm/2004/>;

At this time IMS has arranged to sponsor or co-sponsor the following meetings in 2005:

**TITLE:** Second Joint IMS/ISBA International Conference; **DATE:** Winter (Jan-Mar) 2005; **LOCATION:** Bormio, Italy (Italian Alps); **Program Chair:** Brad Carlin, University of Minnesota, [brad@biostat.umn.edu](mailto:brad@biostat.umn.edu); **Local Chair:** Antonietta Mira, University of Insubria; **TYPE:** Sponsored/Numbered

The future JSM meetings are Minneapolis (2005), Seattle (2006).

The general meeting patterns of IMS are:

- The IMS Eastern Regional Meeting is held jointly with Biometrics Society (ENAR) in late March of each year.
- The IMS Western Regional Meeting is held jointly with the Biometrics Society (WNAR) in late June of each year.
- In every odd numbered year, the IMS Annual Meeting is held in August concurrently with the Joint Statistical Meetings.
- In every leap year, the IMS Annual Meeting is held jointly with the Bernoulli Society. It is understood between IMS and Bernoulli Society that the Bernoulli Society takes the lead in site selection, but that IMS participates equally in developing the scientific program.

In every leap year plus two, the IMS Annual Meeting is set at the discretion of Council.

The North American Meeting of New Researchers is held in odd years, usually in the proximity of the corresponding Joint Statistical Meeting/IMS Annual Meeting.

- The Spring Research Conference on Statistics in Industry and Technology is held annually in May or June.

Susan Murphy  
University of Michigan



## Annals of Applied Probability: Editor's report for 2002

The number of submissions was 149 compared to 137 for 2001. Putting the last 5 years together, the number per year appear well described by a Poisson r.v. with  $\lambda = 150$ .

75 papers were rejected, in 29 cases very quickly after submission. 40 were accepted (at least tentatively), while 10 are in a process of major revision which may end both with acceptance or rejection. On April 22, 2003, the remaining 24 papers on which no first report from the associate editors had been received were transferred to Robert Adler, the editor for 2003-05. The final transferral of all remaining files (about 20 papers under revision) will take place a week from today (June 12, 2003).

The page number of the journal for 2002 (Volume 13) will be about 200 pages in excess of the allocation of 1400. This is to get rid of some modest backlog which had accumulated, due not least to some very long papers. The increase has been approved by the IMS and should at this stage be seen as one-time; the evidence for a permanent increase appears at present not clear enough.

Since this is my last report as editor, may I take the opportunity to express my sincere thanks to the associate editors for the invaluable help they have provided and to wish Robert and the new board a successful term.

*Søren Asmussen*



IMS Editors and Associate Editors at the Editors' Luncheon at JSM 2003

Toth, Ofer Zeitouni, Joel Zinn. The editorial board also includes Managing Editor Michael Phelan, Production Editor Patrick Kelly, and Editorial Assistant Judy Lalley.

**Submissions:** From January 1 through June 22 there were 102 submissions. Of these, 32 have been rejected, 13 of these by the Editor without review, and 6 have been accepted pending minor revision. No submissions have yet been withdrawn. All but 5 submissions have come electronically, and all 5 of the exceptional submitters provided electronic files upon request. Thus, it has been possible to conduct nearly all of the business of the journal electronically.

**Backlog:** According to the previous Editor, Thomas Kurtz, it appears that the backlog stands at about 4 issues.

*Steven Lalley*

## Annals of Applied Probability: Six Month Progress Report

At the beginning of 2003 a new editorial board and editor began work. Roughly half the members of the previous board remained for an additional (second) term as associate editors. The board currently contains 26 associate editors.

The transition from old to new has been smooth and the main theme has been one of continuity ("if it ain't broke, don't fix it") with the single exception that ALL papers are now being handled electronically. Submissions come in in either ps or pdf formats, and are generally in the hands of the associate editors within a few hours of submission.

There have been 67 submissions since 01/01/2003, of which 1 has been accepted, 7 are undergoing revision, 3 have been withdrawn and 20 have been rejected. Most of the rejections were quite rapid (often within hours) and many were due to the fact that the paper did not meet the "applications" requirement of AAP papers. Submissions prior to 2003 should all be on my desk within the next 2-3 weeks. Details about these are in Søren's report.

Although the sample is still small, all numbers are well within a standard deviation of their historical counterparts, so that 'stability' seems to be the keyword.

In conclusion, let me take this opportunity to thank Søren for the smoothness of the transition. I am looking forward to something similar when my turn comes.

*Robert Adler, 06/13/2003*

## Report of the Editor of the Annals of Probability

**Editorial Staff:** Steven Lalley became the Editor of the Annals of Probability on January 1. The new editorial board has as Associate Editors Andrew Barbour, Richard Bass, Jean Bertoin, Chris Burdzy, Michael Cranston, Persi Diaconis, Paul Dupuis, Pablo Ferrari, Klaus Fleischmann, Janko Gravner, Frank den Hollander, Kurt Johansson, Wilfrid S. Kendall, Russell Lyons, Makoto Maejima, Sylvie Meleard, Thomas Mountford, Daniel Ocone, Oded Schramm, Thomas Sellke, Timo Seppäläinen, Jeff Steif, Balint

## The Annals of Statistics: Editors' Report

**SUBMISSIONS:** Submissions were up somewhat in 2002: 319 manuscript were received (in comparison to 292 and 274 in 2000 and 2001 respectively). For the first four months of 2003 there were 105 submissions. Our editorial policy states clearly that we welcome not only submissions in mathematical statistics and statistical methodology, but also on the role of statistics in interdisciplinary investigations and on computational aspects of statistics. Proactive options are, however, limited by the fact that we try to avoid solicitations that might compete with Statistical Science. We have been accepting electronic submissions in either postscript or pdf formats. Electronic submission of manuscripts has been increasing: 124 (45%) of our 274 submissions in 2001 were electronic, while 233 (73%) of the new submissions in 2002, and 91 (87%) of the 105 submissions in the first four months of 2003 were electronic.

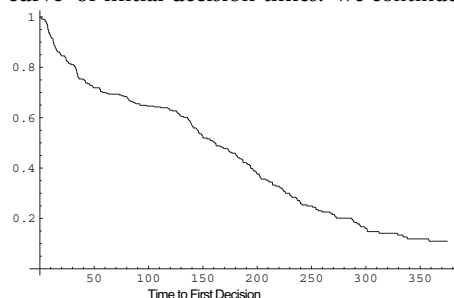
**ACCEPTANCE RATE:** The historical acceptance rate for the Annals has been about 28%. Our acceptance rate, estimated from articles received during 2000, is 29%. The acceptance rate estimated from articles received during 2001 is about 30%.

**BACKLOG:** During 2002 we filled volumes about seven months in advance of the official volume date, and we are thereby achieving nearly on-time production. The sizes of recent volumes are 1998 (2469); 1999 (2080); 2000 (1795); 2001 (1811), 2002 (1811). There is a current backlog of about two issues. We expect to print between 1900 and 2000 pages in 2003, and will recommend printing 2200-2400 pages in 2004.

**PAGE REQUEST:** The current 2500 page allotment will be easily sufficient as the allotment for 2004, and this is a desirable and possibly attainable target.

**WEB PAGE:** The Annals web page is being maintained at the University of Washington. It contains features, such as tables of contents of back issues, up-to-date lists of accepted papers, and linking of accepted papers to authors' URL sites. We also pages for the use of the editorial board, and links to the web pages of Associate Editors, as available.

**REVIEW TIMES:** About 90% of submissions now receive an initial decision within one year. The quartiles of the distribution of initial decision times are 39 days, 159 days, and 238 days. This represents some improvement over 2001 when the corresponding quartiles were 65, 171, and 290 respectively. For those interested in finer details of the review times, the following graph gives an estimate of the 'survival curve' of initial decision times. We continue to make efforts to shorten the upper tail of this distribution, with the cooperation of our board of



Associate Editors and reviewers.

**ACKNOWLEDGMENTS:** We would like thank our Editorial Coordinators Janet Wilt and Nasrin Gahvari, and our Associate Editors, Oernulf Borgan, Larry Brown, Rainer Dahlhaus, Anirban DasGupta, Holger Dette, John H. J. Einmahl, Jianqing Fan, Friedrich Goetze, Peter Hall, Vladimir Koltchinskii, Jan T. Koster, Regina Liu, Enno Mammen, Adam Martinsek, Thomas Mathew, Xiao-Li Meng, Rahul Mukerjee, Michael Perlman, Dominique Picard, Nancy Reid, Donald Richards, Christian Robert, Peter Robinson, Trevor Sweeting, Elizabeth Thompson, David Tyler, Sara van de Geer, Aad van der Vaart,

Larry Wasserman, Alan Welsh, Yi-Ching Yao, Zhiliang Ying, and Bin Yu for their dedicated and unflagging service to the IMS. The quality of the final product owes a tremendous amount to the efforts of the managing editors Paul Shaman (whose term started on January 1, 2002), and to Patrick Kelly and the production team. We would also like to thank numerous conscientious and constructive referees without whom our task would be impossible to complete. For a list of referees, see the article in a coming issue of the *IMS Bulletin*.

*John I. Marden and Jon A. Wellner, Editors*

## Statistical Science: Editors' Report

In the period June 1, 2002 – May 30, 2003, there were a total of 112 new manuscripts submitted to Statistical Science, as compared to 50 for the last period. Of the 112 papers, 43 were rejected, 19 are accepted, and 40 are under review.

We have been working hard to create a backlog so that the issues of Statistical Science can get back on schedule and actually appear in the month whose date appears on the cover. We are closing in on this, as the May Issue will be out before the end of June, and the August Issue is almost complete as of the writing of this report.

Month	Received	Rejected	Under Review	Accepted
June 2002	5	3	2	
July 2002	6	5		1
August 2002	9	2	5	2
September 2002	13	3	5	5
October 2002	12	9	1	1
November 2002	12	7	2	3
December 2002	9	2	7	1
January 2003	9	5	3	1
February 2003	9	6	2	1
March 2003	6		6	
April 2003	9	1	8	
May 2003	7		2	5

A number of special issues or special sections have been planned and are currently in the works. There will be collections, ranging from two or three papers to an entire issue, on a particular topic. Guest editors are handling some, and the Executive Editor is handling some. In the works so far are:

Topic	Guest Editor	Planned Publication	Status of Special Issues
Elections	Jeff Gill	2002	Nov, 2002
25 <sup>th</sup> Anniversary of the Bootstrap	none	2003	May, 2003
Astronomy	Wasserman	2003	In progress
Bayes Then and Now	Robert	2003	In progress
Microarrays	none	2003	Feb, 2003
Envirometrics	Piegorsch	2004	In progress
Tukey Issue	Wainer	2004	In progress
Internet Issue	Cleveland	2004	In progress
Nonparametrics	Randles	2004	In progress

I wish to acknowledge the efforts of my editorial assistant, Helen Chen, and of the Editorial Board: Roger Berger, Alicia Carriquiry, Ron Christensen, Leon Gleser, Sallie Keller-McNulty, Jon Kettinger, Sally Morton, Doug Nychka, Christian Robert, and Jim Rosenberger.

*George Casella, Executive Editor*

*Helen Chen, Editorial Assistant*

## IMS Lecture Notes-Monograph Series: Editor's Report

The series continues to serve the membership by providing a venue for publication of proceedings from scientific conferences, festschrift, and lecture notes. The following volumes were published since the last report:

*SCIENCE AND STATISTICS: A FESTSCHRIFT FOR TERRY SPEED*. Vol. 40; Editor: Darlene Goldstein

*PROBABILITY, STATISTICS, AND THEIR APPLICATIONS: PAPERS IN HONOR OF RABI BHATTACHARYA*. VOL 41; Editors: Krishna Athreya, Mukul Majumdar, Madan Puri & Edward Waymire

*MATHEMATICAL STATISTICS AND APPLICATIONS: FESTSCHRIFT FOR CONSTANCE VAN EEDEN* (in press) Vol 42; Editors: Marc Moore, Sorana Froda and Christian Liger

*CROSSING BOUNDARIES: STATISTICAL ESSAYS IN HONOR OF JACK HALL* (in press) Vol. 43 (??); Editors: John Kolassaand & David Oakes

The following table provides a sense for the rate of publication over the last 4.5 years and for the types of topics:

VOL	YEAR	TITLE
33	1999	Statistics in Molecular Biology & Genetics
34	2000	New Developments & Applications in Exp Design
35	2000	Game Theory, Optimal Stopping, Probability and Statistics, Papers in Honor of Thomas S. Ferguson
36	2001	State of the Art in Probability and Statistics, Festschrift for Willem R. van Zwet
37	2001	Selected Proceedings of the Symposium on Inference for Stochastic Processes
38	2001	Model Selection
39	2002	R. R. Bahadur's Lectures on the Theory of Estimation
40	2003	Science and Statistics: A Festschrift for Terry Speed
41	2003	Probability, Statistics, and their Applications: Papers in Honor of Rabi Bhattacharya.
42	2003	Mathematical Statistics and Applications: Festschrift for Constance van Eeden.
43	2003	Crossing Boundaries: Statistical Essays In Honor of Jack Hall

*Joel Greenhouse, Editor*

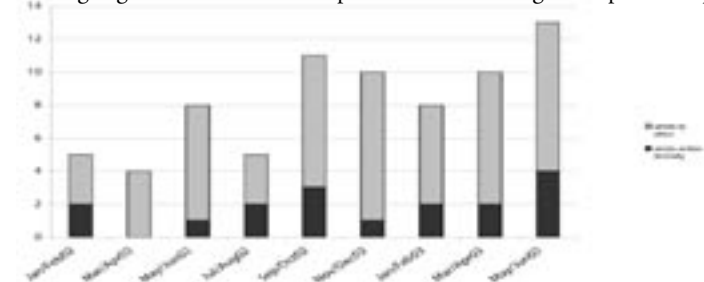
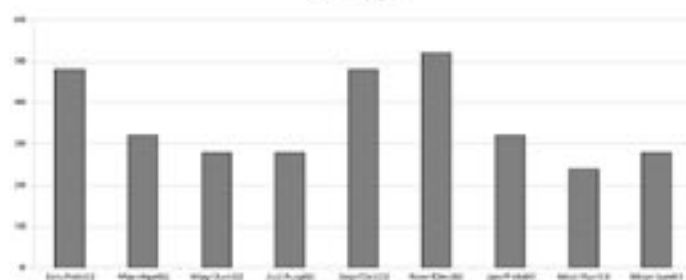
## IMS Bulletin: Report to Council 2003

In this report we review the progress of the IMS Bulletin over 9 issues: from Volume 31, Issue 1 (January/February 2002) to Volume 32, Issue 3 (May/June 2003). The table below shows some relevant figures for the period.

	IMS Bulletin Volume (Issue) number								
	31 (1) Jan/Feb02	31 (2) Mar/Apr02	31 (3) May/Jun02	31 (4) Jul/Aug02	31 (5) Sep/Oct02	31 (6) Nov/Dec02	32 (1) Jan/Feb03	32 (2) Mar/Apr03	32 (3) May/Jun03
pages	48	32	28	28	48	52	32	24	28
articles	5	4	8	5	11	10	8	10	13
written internally	2	0	1	2	3	1	2	2	4
members' news	5	3	3	9	5	5	2	3	3
meeting reports	1	1	1	0	1	2	0	2	3
letters	n/a	3	3	2	1	0	1	0	2
obituaries	2	2	5	3	1	0	1	0	0
external adverts	1	2	1	2	2	1	2	2	1
employment ads	23	10	9	9	33	78	19	3	6

As can be seen from the table (left) and chart (below right), the number of pages in an issue varies widely. The 'thickest' issue had more than twice the number of pages of the thinnest. In some issues there have been many pages of employment advertisements (there were 24 pages of job ads in Nov/Dec 02), or of IMS reports (the Treasurer's report in the Jan/Feb issue, and the reports from the Executive, Editors and Committees in Sept/Oct).

The second chart (below left) shows the number of articles contributed by others and written internally (i.e. by Bernard or Tati or both). For the purpose of writing this report, we have distinguished articles from other items (announcements, members' news and notices), which was sometimes difficult as the distinction is not always clear. The general trend in the number of articles is upwards, and in every issue bar one, we have either contributed or ghost-written articles. Some items require very little editing, but more often we will need to cut an article for length, or perhaps extend it by gathering some background information. We have also (with Elyse) tried to encourage meeting organisers to submit a report of their meeting, with photos if possible, and links to websites with further information.



The 'Letters to the Editor' section has been (intermittently) successful, with some interesting views being expressed. Of course, we would like to receive more letters concerning matters of interest to IMS members. Another thing shown up by the statistics is a falling off in the number of obituaries published. We are concerned that we are not hearing news of the deaths of members or former members.

Achievements: Beyond the re-design and improved readability of the Bulletin, we have improved the online versions (thanks to Arti

Ishwaran for her help with this) so that the PDF files are smaller for download, and the latest issue has clickable URLs. We have met all the print deadlines, and have also reduced the time between copy deadlines and receipt of Bulletin by a week. The new design has evolved slightly, with more consistency in styles.

Future developments: Although there is a healthy flow of material, not many members of council have been very proactive in producing or soliciting material. We are very grateful to those who have, but would like to urge Council members, particularly, to act as our eyes and ears even if they don't want to speak or write! We intend to plan for the quieter times of the year by lining up articles and profiles that are not time-sensitive. IMS members can help, either by writing such articles themselves, or by suggesting other people to approach. We would also like to encourage all IMS members to let us know if there is something of interest to other members which you think should be in the Bulletin, for instance if you notice a meeting announcement has not been printed, or somebody has been honored in some way, or a death has not been announced. Of course, if you would send in a completed article, that would be even more helpful. Elyse is working to attract more advertisers, and apart from the obvious benefit in revenue, this will also serve to make the Bulletin more attractive to readers, and in turn, to other advertisers. A balance will always be maintained, though, so that adverts do not overwhelm an issue.

*Bernard Silverman & Tati Howell*

*P.S. Because the above report was written jointly, it contains a serious omission. IMS owes an enormous debt to Tati for her wonderful commitment and creativity, which is obvious in every issue of the Bulletin. BS*



## Report of the IMS Web Editor

In late 2002, we launched the new IMS website. We also began the process of obtaining a secure on-line certificate in order to maintain a more consistent web presence.

The total number of visitors to our web site were as follows (this excludes our visits):

January	10,308
February	15,771
March	18,471
April	18,609
May	16,922

For February, as an example, an average visit length was over 11 minutes, and the median visit length was about 3 minutes. There were 547 visits on average per day. These statistics appear fairly consistent over other months, although there may be some drop-off during the summer. Our three

most popular pages are usually Employment Opportunities, Meetings, and Journals (main page as well as the AAP and AOP).

This is the second year that the IMS has provided members with the ability to submit ballots for the 2003 elections on-line. Despite a few glitches in the beginning, on-line voting has run smoothly. The ease of voting has resulted in more members voting this year than last (as of June 9, there were 626 on-line votes compared with a total of 179 votes last year).

Going forward, we'd like to see the remaining 2 IMS journals (*Statistical Science* and the *Annals of Statistics*) transition over to the IMS web site. We understand that such a move would be easier to make during a change of editorship. We will also be making

the complete set of IMS Bulletins available on-line in pdf format.

We hope to soon provide members the ability to update their contact information, and make it easier to renew memberships and order books on-line. To achieve this goal we will require members to use their membership numbers for on-line identification.

We are also developing the web site to service institutional members better. Soon, institutional members will be able to submit their IP address on-line for access to Project Euclid. We are also exploring options to provide our members with the ability to order CIS products and share that information with the ASA in real time.

*Hemant Ishwaran*  
*Arti Ishwaran*

## Report of the Managing Editor: Probability

The following table reflects productive activity for AAP and AOP for January 2002 through June 2003.

*The Annals of Probability*

Month	Year 2002 Printed Pages	Year 2003 Printed Pages
January	482	533
April	519	611
July	535	568
October	575	NA
Total	2111	NA
Authorized by Council	2000	2000

*The Annals of Applied Probability*

Month	Year 2002 Printed Pages	Year 2003 Printed Pages
February	421	394
May	374	422
August	341	NA
November	377	NA
Total	1513	NA
Authorized by Council	1400	1400

*Michael Phelan*

## Report of the Managing Editor: Statistics

During the past year production of *The Annals of Statistics* and *Statistical Science* has proceeded very smoothly. I am grateful to Patrick Kelly, the Production Editor, and to Geri Mattson of Mattson Publishing Services for their excellent work.

Issues of *The Annals of Statistics* are now appearing very close to cover date. For example, February 2003 went to press on February 21st and April 2003 on April 16th. As of this writing (June 6th) final corrections are being made to the June 2003 issue, lineups have been set through the February 2004 issue, and the unassigned backlog fills about two issues.

The February 2003 issue of *Statistical Science* is expected to go to press in mid-June. The May 2003 lineup is set, and all manuscripts are in hand.

The tables give page counts for the past two years.

<i>The Annals of Statistics</i>			<i>Statistical Science</i>		
Issue	2001 printed pages	2002 printed pages	Issue	2001 printed pages	2002 printed pages
February	294	323	February	100	148
April	300	292	May	98	85
June	323	310	August	111	145
August	270	297	November	81	89
October	348	310	Total	390	467
December	275	277	Authorized by Council	450	450
Total	1810	1809			
Authorized by Council	2500	2500			

The February 2003, April 2003 and June 2003 issues of *The Annals of Statistics* have 348, 356 and 327 pages, respectively.

*Paul Shaman*

## Joint Ventures: *Electronic Communications in Probability* / *Electronic Journal of Probability*

The Associate Editors of ECP and EJP are: D. Aldous, J. Bertoin, M. Cranston, P. Ferrari, J. Fill, E. Gine, E. Hsu, J. Kuelbs, Y. Le Jan, D. Nualart, D. Ocone, E. Perkins, R. Pemantle, M. Roekner, T. Shiga, I. Higekawa, and R. Williams. The Managing editor is Z.-Q. Chen.

We are grateful for the services of past editors: D. Dawson, A. Dembo, I. Karatzas, B. Rozovskii, and D. Stroock.

For ECP, in 2002, 34 papers were submitted, the same as in 2001. Volume 7 (2002) contains 22 papers, a considerable increase over the 12 papers in Volume 6 (2001).

The mean time to a final decision for papers submitted in 2002 was 82 days.

For EJP, in 2002, 48 papers were submitted, a few up from 44 in 2001. Volume 7 (2002) contains 23 papers, a few down from 26 in Volume 6 (2001).

The median time to final acceptance for articles posted in 2002 was 193 days.

*Martin Barlow (Editor, ECP) and Ted Cox (Editor, EJP)*

## Joint Ventures: *Current Index to Statistics*

### Progress in 2002:

We have made a major transition toward the Web site as the primary form of dissemination of the index. We continue to produce the CDROM but primarily for the convenience of personal license subscribers, for whom web licenses are not yet available. The paper product was terminated with Print Volume 25, released in 2001, and no paper volume was issued in 2002.

We made considerable advances in timeliness. Release 11 contains the majority of our anticipated material with 2002 publication dates. It was made available on-line in the middle of March, 2003 and on CDROM in mid-April. Coverage was expanded with an increased number of core journals.

Our subscriptions have grown as the Web distribution, which is much preferred by libraries and other institutional customers, has become established. We also have eliminated most of the duplication of effort that occurred with the many transitions in 2001. Consequently we project to finish the year with a cash-flow surplus of about \$21,000 (based on currently available reports, since final financial reports for the year are not yet ready). However, at the direction of the ASA office, we are making a one-time accounting transition from treating all income as realized when received (appropriate to the CDROM version) to treating allocating income to the years in which Web coverage is provided and deferring income for the part of the coverage that comes in the next year. (For example, if an institution orders and pays for a Web license on July 1, 2002 that will run through June 30, 2003, only 6 months' worth or half of that income is treated as 2002 income; the other half is regarded as a payment for a product that will be delivered in 2003 and therefore

does not appear as revenue until the 2003 statement.) Consequently about half of our 2002 revenues are deferred to 2003; thus our statements for 2002 show a technical deficit of about \$29,000.

Editors George Styan (Abstracting Editor) and Doug Bates (Database Editor) continue to provide leadership to the editorial operation. During 2002, assistant Jude Grudzina in Wisconsin showed tremendous initiative and determination in establishing the correct license status of our many Web customers. We have found that it is essential to have our own customer service and licensing contact, since the needs of our product (and its institutional customer base) differ from what the ASA office is geared to handle. We made the transition to a new assistant at the end of 2002, Shiela Muse at Harvard, since Jude's departmental responsibilities did not allow her to continue this work.

MC Chairman Alan Zaslavsky agreed to extend his term by up to two years, on the understanding that he will be relieved when a suitable replacement can be found. Duncan Murdoch has joined the MC as an IMS representative. He takes the seat formerly occupied by Ron Thisted, who has provided tremendous service to CIS in a variety of roles over the years and continues to assist with search software and CDROM production.

### Concerns / Problems:

Development of systems for data processing and web service, and coordination of all aspects of the production system, continue to be challenging and stressful for editors and management.

The International Statistical Institute continues to be interested in a collaborative relationship or merger with CIS of their similar product, the Statistical Theory and Methods Abstracts. It is not clear what

form of connection with ISI is feasible for us, given our stressed management and technical resources and their possible requirements regarding continued support of their data entry staff. There are substantial differences in our technical systems and abstracting philosophies that would have to be harmonized.

While we have made progress in our control over license information, we need to further develop systems for integrating information from the Web license database, the ASA and IMS order systems, and our own subscriber database.

### Plans for coming year:

We plan to finish implementation of Web subscriptions for individual subscribers. Data processing methods will be further developed and we will make increasing use of electronic sources of bibliographic information, recognizing that the availability and quality of these data varies across publishers. We continue to explore the issues involved in electronic data collection. These include the quality issues, and the costs and benefits of electronic entry (given the lack of standardization of electronic records and consequent burdens on editorial expertise). We also will be considering the implications for keyword policies of the transition to electronic searching as opposed to the print volume (making standardization of keywords less crucial), changing keywording practices (generally improving) of journals, and the changed sequence of processing when entries are collected electronically.

*Alan M. Zaslavsky, Chairman, CIS  
Management Committee*

## **Joint Ventures: *Journal of Computational and Graphical Statistics***

The IMS-ASA-Interface cooperation reflected in its joint venture, JCGS, has successfully entered its second decade. As fourth editor, my term expires on December 31, 2003. The JCGS Management Committee, chaired by Edward Wegman, is expected to name the fifth editor shortly. The period of overlap between editors has been increased from three to six months, beginning July 1, 2003.

The budget of JCGS has seen a significant increase for 2003-2004 to fund a part-time editorial assistant for the next editor and to accommodate a modest increase in the number of color signatures allowed. JCGS ran a small deficit last year due to a large number of color articles in March, 2002, for which insufficient (but promised) page charges were not fully recovered. Much of the shortfall was offset by my decision not to draw any funds in the budget for editorial expenses/support. However, subscription rates have been increased to cover anticipated future expenses.

During the past year, JCGS acquired the *Journal of Statistical Software*, edited by Jan de Leeuw. The JCGS editor serves as managing editor. The goal is to support research in statistical software engineering by providing simultaneous on-line publication in JSS with abstract publication in JCGS.

The quality of manuscripts continues high. JCGS is especially moving into the forefront as the outlet for Bayesian computing research. The number of papers on purely graphical topics is decreasing. The reasons are not fully understood and may be a focus for the next editor.

My final issue as editor will be December, 2003, which will be a special issue containing fifteen invited manuscripts from speakers at a workshop held in December, 2002, at the National Academies in DC on the topic of the "Statistical Analysis of Massive Data Streams." This article will be a full-color issue, with funding providing by the workshop sponsors.

Submissions average ten per month and JCGS publishes approximately forty-five papers per year. This reflects a success rate for unsolicited papers of approximately one-third. The backlog of articles is currently 12 months.

There has been modest turnover on the editorial board each year (approximately 3 resignations per year). The editorial board has increased in size from 25 in 2000 to 35 currently, reflecting the increase in submissions and page count from 800 to 1000 pages.

In summary, I wish to thank the Council for its support these past three years and urge continued support for the next editor.

*David W Scott, Editor*



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# LECTURE NOTES – MONOGRAPH SERIES



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

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*Terry Speed being presented with his LNMS volumes*

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## Reports from the Committees: Committee on the Carver Award

The Carver Award committee consists of Nancy Reid (chair), Bernard Silverman, and Ram Gnanadesikan. Both Ram and I served on the committee last year, its first year of existence.

No formal nominations were received by the deadline of January 31. This is we feel to be expected during the first few years of the award. I contacted about 15 former presidents for suggestions of people who might be nominated for this award. The full list of suggestions is attached, in case it might be helpful to next year's committee.

The committee is unanimous in selecting George P.H. Styan of McGill University for the award. A full citation will be prepared in due course. George was the most successful *IMS Bulletin* editor in recent years, creating a first rate publication, and converting it to complete electronic format. While *Bulletin* editor is always a difficult task, he put an exceptional amount of energy and creativity into it. George has also served the IMS willingly in a number of other capacities, over many years, and is currently a *CIS* editor.



*Nancy Reid, Chair*

## Electronic Issues Committee

The main task of the Electronic Issues Committee was to search for and select the new IMS Webmaster. After a detailed search, the Committee selected Hemant and Arti Ishwaran to take on the task. The new IMS website is in place.

## Committee on Fellows

The 2003 IMS Fellows Committee received nominations for 41 candidates in mid-February. My colleagues and I completed our review and discussion of nominations in early April, and I now wish to submit our final report.

Following our individual reviews of the submissions and some preliminary discussion, each committee member provided an initial rating of each candidate on an agreed scale. This was followed by a period of more intense discussion of individual cases, and continued to a final categorization of the 41 into two groups. We recommend the first group of 16 candidates - those named below - be elected to IMS Fellowship this year. We further recommend that the nominations of the

remaining 25 be declined.

The 16 candidates recommended for election to Fellowship are:

A. Antoniadis	S. Asmussen
R. Banuelos	M. Bramson
J.G. Dai	L. Goldstein
N. Heckman	F. Klebaner
C. Kluppelberg	P.R. Parthasarathy
E. Perkins	T. Salisbury
R. Serfozo	J. Simonoff
Q. Yao	L. Zhu

Of the 25 candidates not recommended for fellowship, the committee felt that a number of them will almost surely represent a stronger, and very likely acceptable case within a short few years.

Based on our work this year (and, for some of us, during the preceding years) we again find it necessary to comment on the requirements for nominators. One nomination was submitted without a curriculum vitae, one without a publications list, and one with only an abbreviated curriculum vitae for the candidate. Situations such as these led to committee members having to go out of their way to understand the merits of

the cases. In other instances, a few wrote supporting letters for multiple candidates, some for as many as 6 candidates, but with little indication of a relative ranking, if any, for those candidates. Since these individuals know the work of all those candidates very well, it would have been helpful if they could rank or group the candidates. Our committee members were most gracious in furthering the discussion by going the extra mile to obtain the additional information; however, our consensus view is that such efforts should not be an expected part of the process. A fully prepared and presented nomination, with more adequate documentation, would preclude this.

The published IMS guidelines for nominations are deliberately flexible, and the committee fully appreciates the rationale for that. However, based on the above comments about our experiences this year, we reiterate that the process would be improved - for both the committee and the nominees - were nominators to pay close attention to the guidelines, even to the extent of "going the extra mile," if necessary. In particular, we again request the IMS



*Jeffrey Simonoff, one of the 16 Fellows selected this year, presented with his plaque at JSM*

to remind nominators that a complete nomination must include a reasonably complete curriculum vitae. Moreover, in cases in which a writer chooses to provide supporting letters for multiple candidates, it would be most helpful were the writer to provide the committee with comparisons of the candidates. IMS might consider

including a statement to this effect in its guidelines.

With this report, I believe that the process of review of the 2003 Fellowship nominations is complete.

Finally, as chair of the committee, I want to say that my colleagues have provided an invaluable service to the

Institute. All committee members were fully engaged in the process, were diligent in reviewing the nominations, and worked conscientiously to obtain a complete and candid discussion of the nominees, thereby leading to a fair and consensual process.

*G. Jogesh Babu, Chair*

## Committee on New Researchers

### Current New Researchers Committee Members

#### Until August 2003:

Wilfredo Palma Manriquez, Pontificia Universidad Católica de Chile: wilfredo@mat.puc.cl; Marina Vannucci, Texas A&M University: mvannucci@stat.tamu.edu; Stanislav Volkov, University of Bristol, UK: S.Volkov@bristol.ac.uk

#### Until August 2004:

Juanjuan Fan, San Diego State University: jjfan@sciences.sdsu.edu; Shane Reese, Los Alamos National Laboratory: reese@lanl.gov; Chris Volinsky, AT&T: volinsky@research.att.com

#### Until August 2005:

Johanna Hardin, Pomona College: jo.hardin@pomona.edu; Xiaoming Huo, Georgia Tech: xiaoming@isye.gatech.edu; Francesca Chiaromonte, Penn State: chiaro@stat.psu.edu

### Sixth North American New Researchers' Conference (2003 NRC)

The University of California, Davis  
July 29 – August 2, 2003 (Tuesday-Saturday)

Received 112 applications. Admitted 42, plus the chair for the 2004 Toronto NRC (Peter Song) and the new chair of the IMS new researchers committee starting July 2003 (Chris Volinsky).



UC Davis silo

### 2003 NRC Organizers:

Program Chair: Richard Levine (San Diego State University)

Conference Organizers: Richard Levine (San Diego State University), Juanjuan Fan (San Diego State University), Mitch Watnik (University of California, Davis)

Webmaster: Richard Levine (San Diego State University)

#### 2003 NRC funding:

Five grant proposals were submitted to cover conference costs and travel reimbursements for attendees. Four were funded: NSF - \$20,000; NIH (NCI) - \$15,000; NSA - \$10,000; ONR - \$10,000.

### Proposed 2004 NRC in Toronto

Location: York University, Toronto

Committee members: Peter Song (Chair, York University, Toronto), Steven Wang (York University, Toronto), Changbo Wu (University of Waterloo, Waterloo), Debashis Ghosh (U of Michigan, Ann Arbor). Debashis Ghosh will be in charge of submitting grant proposals to NSF, NIH, etc.

Funding: the 2004 NRC organizers should plan to submit multi-year conference grant proposals to NIH and NSF, and possibly to other funding agencies as well. The 2003 NRC organizers had a very difficult time with NIH this year to get funded on a yearly basis.

*Juanjuan Fan, Chair*

## Committee on Nominations

The 2003 IMS Nominating Committee consisted of:

Ching-Shui Cheng, Chair, Anestis Antoniadis, Martin Barlow, Yoav Benjamini, Amir Dembo, Paul Embrechts, Claudia Klueppelberg, Diane Lambert, Rich Levine, Brenda MacGibbon, Neal Madras, Charles Newman, Terry O'Neill, Rainer von Sachs, Victor Yohai, Vijay Nair (past chair)

The committee was charged to nominate candidates for President-elect and the Council. The selection process consisted of nominations by committee members, discussions and several rounds of voting. The candidates selected for the ballot are:

For President-elect: Louis H. Y. CHEN

For Council: Naomi S. ALTMAN, Jianqing FAN, Richard GILL, Susan HOLMES, Chao Agnes HSIUNG, Hans R. Künsch, Victor PÉREZ-ABREU, Christian P. ROBERT, Sara VAN DE GEER, Ruth J. WILLIAMS

## Committee to Select Editors

David Siegmund has agreed to chair a special subcommittee for the search for statistics editors. He has promised to swing into action as of June 1, and I trust that he has.

IMS Lecture Notes Series subcommittee has found an editor. I will shortly canvass the publications committee to see if we can accept this nomination by acclamation.

*Michael Steel, Chair*

## Committee on Special Invited Lectures

The SIP committee has selected the following individuals to deliver the Wald, Ritze and Medallion lectures in the year 2004 and they have accepted the honors:

**WALD LECTURE:** IAIN JOHNSTONE (Berkeley and Stanford)

**RIETZ LECTURE:** PETER BICKEL (Berkeley)

**MEDALLION LECTURES:**

ALISON ETHERIDGE (P) (University of Oxford)

EVARIST GINÉ (P,T) (UConn)

KURT JOHANSSON (P) (Royal Inst of Technology, Stockholm, Sweden)

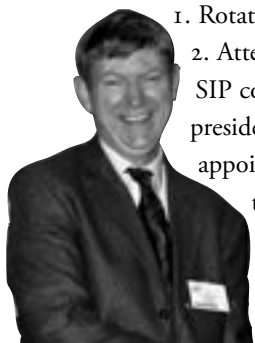
MICHAEL JORDAN (T, I) (Berkeley)

VLADIMIR KOLTCHINSKII (T,P,I)

MICHAEL STEIN (T, A, I) (Univ of Chicago)

HORNG-TZER YAU (P, I) (Courant Insitute)

CUN-HUI ZHANG (T,P) (Rutgers)



*Iain Johnstone, next year's Wald Lecturer*

After the selection of the lecturers, the committee had a formal discussion period and I formulated 11 suggestion items to IMS based on the discussion. Based on the votes, I would like to recommend to the IMS:

1. Rotate major lectures topically.
2. Attempt to have non US-based research presented through SIP committee appointments and lecturers selected. (The IMS president can implement this at the time of SIP committee appointment and ask the SIP chair to encourage the committee to go beyond US-based research.)
3. Revise the rules for Medallion lectures for a better clarity as indicated in the second attachment.
4. Organize invited paper sessions on the topics of major lectures in the same meetings.

*Bin Yu, Chair*

## Some of this year's Special Invited Lecturers at JSM



receiving her Medallion from Wolfgang Polonik; Jamie Robins, Medallion Lecturer; David Donoho, inaugural LeCam Lecturer.



Clockwise, from left: Wald Lecturer Grace Wahba with discussants Yi Lin, Hao Helen Zhang and Yoonkyung Lee; Sara van der Geer





# IMS Meetings around the world

## Barcelona: 67th IMS Annual Meeting 2004

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/>



Gaudí's Sagrada Família Cathedral, one of Barcelona's iconic buildings

### 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 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

# 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; **Horn-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

## IMS Co-sponsored Meeting:

### 2004 ENAR Spring Meeting

**March 28–31, 2004**

**Hilton Pittsburgh, PA**

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

## IMS Co-sponsored meeting

### WNAR/IMS Western Regional

**June 20–23, 2004**

**Albuquerque, New Mexico**

Program Chair: Jason Fine, (Univ of Wisconsin), [fine@biostat.wisc.edu](mailto:fine@biostat.wisc.edu)

Local Arrangements Chair: Gabriel Huerta (Univ. of New Mexico), [ghuerta@stat.unm.edu](mailto:ghuerta@stat.unm.edu)

Type: Sponsored/Numbered (287)

## IMS Mini-Meeting

### Statistics and Sports

**November 22, 2003**

Worcester Polytechnic Institute, Massachusetts

Invited Speakers: Mark Glickman (Boston University), Carl Morris (Harvard University), Hal Stern (University of California - Irvine). IMS Reps: Andrew W. Swift & Carlos J. Morales  
<http://www.wpi.edu/~swift/sports/>



## 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)

## 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>



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), Víctor 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)).



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 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 Co-sponsored Meeting:  
2004 Joint Statistical Meetings  
August 8 - 12, 2004  
Toronto, Ontario, Canada**

IMS Program Chair: Michael Evans, [mevans@utstat.utoronto.ca](mailto:mevans@utstat.utoronto.ca), University of Toronto, Canada; IMS Contributed Paper Chair: Tim Swartz, [tim@stat.sfu.ca](mailto:tim@stat.sfu.ca), Simon Fraser University, Canada. Co-sponsored Meeting: ASA, IMS, ENAR, WNAR, SSC

**IMS Contributed Paper Sessions**

There are three types of contributed paper sessions which are sponsored by the IMS at the JSM.

**1. Topic Contributed Paper Sessions:**

These sessions consist of a collection of contributed paper presentations and discussions (if desired) that share a common theme. The sessions are 110 minutes long with five presentations (including discussants) of 20 minutes each, with 10 minutes at the end for floor discussion and concluding remarks by the session chair.

To organize an IMS sponsored topic contributed paper session, you must arrange for five speakers to submit abstracts and pre-register before the **February 1, 2004** deadline. On the abstract form, speakers should indicate that they are speaking in an IMS topic contributed paper session and give the name of the session organizer. Before abstracts are submitted, the organizer should provide the IMS Contributed Session Chair (Tim Swartz) with

- the proposed topic contributed paper session
- contact information for the organizer
- contact information for the session chair
- contact information for the five speakers - the titles of the five papers.

The organizer should also ensure that each of the five speakers provide a draft manuscript of their talk to the session chair by June 1, 2004.

**2. Topic Contributed Panel Sessions:**

The traditional panel discussion format is used, wherein a minimum of three and a maximum of five panelists provide commentary on a topic.

To organize an IMS sponsored topic contributed panel session, you must list the panelists and submit a single abstract before the February 4, 2004 deadline. Each panelist must provide a nonrefundable registration payment before the February 2004 deadline. Before the abstract is submitted, the organizer should provide the IMS Contributed Session Chair (Tim Swartz) with

- the proposed topic contributed panel session
- contact information for the organizer
- contact information for the speakers.

**3. Regular Contributed Paper Sessions:**

These sessions consist of a collection of paper presentations which are grouped according to topics which are as similar as possible. The sessions are a maximum of 110 minutes in length with a maximum of seven speakers each having 15 minutes of floor time, followed by 5 minutes of closing remarks by the session chair.

To submit an IMS sponsored regular contributed paper, you must submit an abstract and pre-register before the February 4, 2004 deadline. Each speaker is responsible for submitting a draft manuscript to the session chair (whose identity will be made known) by June 1, 2004.

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

IMS Co-sponsored Meeting:

## **International Workshop in Applied Probability - IWAP 2004**

**March 22-25, 2004, Piraeus, Greece**

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

It is planned to hold a four day International Workshop in Applied Probability to survey recent progress in the area of probability and its applications in diverse areas of science and technology and to promote further research in this area. By bringing together leading researchers in probability that have a strong interest in applications with outstanding junior applied probabilists, we expect to have stimulating discussions and exchange of ideas among the participants that will provide guidance to young researchers as well as promote research in this exciting and active area of research. It will also strengthen the ties and encourage collaboration between researchers in applied probability all over the world. University of Piraeus has a strong group of researchers with expertise in probability and its applications. It has fine facilities to hold the conference. IWAP 2004 is also co-sponsored by the Bernoulli society and University of Piraeus.

For more information visit the website or contact Joseph Glaz, co-chair and IMS representative of IWAP 2004 [glaz@uconnvm.uconn.edu](mailto:glaz@uconnvm.uconn.edu) and Markos Koutras, co-chair of IWAP 2004 and head of local organizing committee [mkoutras@unipi.gr](mailto:mkoutras@unipi.gr)

Organising a conference?  
Tell us about it!  
Send your announcement to  
**[ims@imstat.org](mailto:ims@imstat.org)**

## **January 8-10, 2004: University of Florida Sixth Annual Winter Workshop:**

### **Data Mining, Statistical Learning, and Bioinformatics**

The Department of Statistics at the University of Florida will host its Sixth Annual Winter Workshop in Gainesville, Florida during January 8-10, 2004. The workshop will focus on recent developments in statistical methods for analyzing massive, unorthodox datasets and on applications of such techniques in many areas. All sessions are plenary, and invited speakers include Keith Baggerly (MD Anderson), Bill Cleveland (Bell Labs), Dick DeVeaux (Williams), Mario Figueiredo (Portugal), David Hand (Imperial College), Alan Izenman (Temple), Xihong Lin (Michigan), Giovanni Parmigiani (Johns Hopkins), Sunil Rao (Case Western), Scott Schmidler (Duke), David Scott (Rice), and Rob Tibshirani (Stanford).

A major purpose of the workshop is to foster interaction between senior and young researchers, to assess the current state of art in data mining and bioinformatics and to promote discussion in related topics. In addition to invited presentations, the symposium will include a contributed poster session. NSF funding is available to support approximately twenty (20) young researchers to attend the symposium. The organizing committee is soliciting applications from senior graduate students (4th year or higher) and researchers who received their Ph.D. in or after 1999. Applications should include a one page curriculum vitae, a one page abstract, references, and need to be emailed by October 17. Researchers receiving support are expected to present their work at the poster session. Women and underrepresented groups are strongly encouraged to apply.

For more information please contact: Carol Rozear, Department of Statistics, P.O. Box 118545, Gainesville, FL 32611-8545 [carol@stat.ufl.edu](mailto:carol@stat.ufl.edu) or visit the conference web site at [www.stat.ufl.edu/symposium/2004/dmbio](http://www.stat.ufl.edu/symposium/2004/dmbio).

## **6th German Open Conference on Probability and Statistics**

**23-26 March 2004**

**Karlsruhe, Germany.**

For details see [http://www.stoch2004.uni-karlsruhe.de/stoch2004/index\\_en.html](http://www.stoch2004.uni-karlsruhe.de/stoch2004/index_en.html)

**June 23-25, 2004**

## **International Conference on Statistics in Health Sciences**

**Nantes, France**

Topics: Statistics in Health Sciences, recent developments on statistical methods in health sciences. Place: University of Nantes, Nantes, France.

E-mail contact: [jlauguet@sante.univ-nantes.fr](mailto:jlauguet@sante.univ-nantes.fr) and [mounir.mesbah@univ-ubs.fr](mailto:mounir.mesbah@univ-ubs.fr)

Website: <http://www.sante.univ-nantes.fr/STAT/>



# More Meetings Around the World:

## 11th Merck-Temple Conference on Research Topics in Biopharmaceutical Statistics. Plymouth Meeting DoubleTree Hotel in greater Philadelphia area. October 31, 2003.

Speakers include: Keith Baggerly (M.D. Anderson Cancer Center); Raymond Carroll (Texas A & M University); A. Lawrence Gould (Merck Research Laboratories); Daniel Heitjan (University of Pennsylvania); and Michael Hughes (Harvard University). Registration fee includes continental breakfast, lunch, and breaks. Parking is free. Conference and registration details can be found under upcoming events at [www.sbm.temple.edu/~biostat](http://www.sbm.temple.edu/~biostat), or contact Boris Iglewicz at [boris.iglewicz@temple.edu](mailto:boris.iglewicz@temple.edu), or by telephone (215) 204-8637.

### NEW DATES:

#### Program on Statistical Methods in Microarray Analysis

**Date: January 2 – 31, 2004**

**Location: 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 El Paso) and Louxin Zhang (National University of Singapore);

Members: Anthony Kuk (National University of Singapore), Art Owen (Stanford University), Sylvia Richardson (Imperial College, UK) and Wing Hung Wong (Harvard University)

Website: More information is available at <http://www.ims.nus.edu.sg/Programs/microarray/index.htm>

## XXII International Biometric Conference 2004 in parallel with the Australian Statistical Conference 11-16 July, 2004 Cairns, Queensland, Australia



For further information see <http://www.ozaccom.com.au/cairns2004.home.htm> (note new url)

Second announcement:

The Local Organising Committee is pleased to announce IBC & ASC 2004, being held jointly by the International Biometric Society and the Statistical Society of Australia on

11 - 16 July 2004 at the Cairns Convention Centre, Queensland, Australia.

It is expected that the joint conference will attract over 700 delegates and include eminent international speakers, leading researchers and participants from both Australia and overseas. Delegates will be able to attend sessions of either conference, ensuring a rich and varied scientific program.

NOW OPEN! Register for the conference or submit an abstract for presentation at <http://www.ozaccom.com.au/cairns2004>

We look forward to seeing you in Cairns in 2004!

## November 20-21, 2003, CUNY Graduate Center, New York. First Northeast Probability Seminar.

Invited speakers are Nathalie Eisenbaum, James Fill, Yimin Xiao, and Ofer Zeitouni.

Organizers: Irene Hueter and John Verzani, <http://www.math.csi.cuny.edu/probability/NortheastProbabilitySeminar/>

www.oregonstate.edu/dept/statistics/orelyconf  
All meetings 2003 are listed in The International Calendar of Statistical Events  
Meeting sponsored by IMS  
Program Chair:

## 24th International Symposium on Forecasting

**Dates: July 4-7, 2004.**

**Venue: Sydney, Australia.**

Web: [www.isf2004.org](http://www.isf2004.org)

Contact: Prof Michael Lawrence, School of Information Systems, Tech and Management, University of NSW, Sydney NSW 2052 Australia Email: [isf2004@unsw.edu.au](mailto:isf2004@unsw.edu.au)

## COMPSTAT 2004

### Charles University, Prague, Czech Republic August 23-27, 2004

COMPSTAT 2004, the 16th Symposium in a series of biannual conferences of IASC with the objective to present the latest developments in Computational Statistics, will be held in Prague, Czech Republic.

Information: COMPSTAT 2004, Charles University, Sokolovska 83, CZ-186 75 Prague 8 - Karlín, Czech Republic; E-mail: [compstat2004@cuni.cz](mailto:compstat2004@cuni.cz); Website: <http://compstat2004.cuni.cz>; Phone: (+420) 2 2191 3275; Fax: (+420) 2 2232 3316

## 2nd LEHMANN SYMPOSIUM Rice University, Houston, TX May 19–22, 2004

Co-organizers: Javier Rojo (jrojo@rice.edu) and Victor Perez Abreu (pabreu@fractal.cimat.mx). Details to appear at <http://www.stat.rice.edu/lehmann/>

## Monte Carlo in Complex Systems Workshop 10–14 November 2003

The Australian Mathematical Sciences Institute, Melbourne, Australia  
Contact: Emma Lockwood (emmal@ms.unimelb.edu.au)  
<http://www.complex.org.au>

## ASC/NZSA2006, the joint biennial Australian Statistics Conference and annual New Zealand Statistical Association Conference Auckland, New Zealand. July 3–6, 2006

Contact David Scott (d.scott@auckland.ac.nz).

## April 5–7 2004 University of Bristol, UK Young Statisticians Meeting

Purpose of conference: For young researchers within about 5 years of completing PhD. Contact: ysm-2004@bristol.ac.uk  
Web: <http://www2.maths.bris.ac.uk/YSM2004>

## May 10–11, 2004: Boston, Massachusetts, USA. Conference on Analysis of Genomic Data.

The conference will cover three broad areas of research:

- 1: statistical models and methods for microarray data;
- 2: statistical models and methods for population genetics;
- 3: statistical models and methods for proteomic data.

The conference is jointly organized by the Boston Chapter of the American Statistical Association and the Channing Laboratory in the Department of Medicine of the Brigham and Women's Hospital and Harvard Medical School.

Contact: Mei-Ling Lee

Email: [meiling@channing.harvard.edu](mailto:meiling@channing.harvard.edu)

<http://www.amstat.org/chapters/boston/genomic.html>

# Statistics of Optimal Dosing

## Including Techniques for Multiple Comparisons/Multiple Therapeutic Agents

### Which Methods to Use and Why How to Achieve Dose Optimisation

Dose finding studies define the dose in terms of the quantity of treatment given to a patient. In order to undertake a successful drug development programme the standard dose has to be identified early on. This is the dose that will be used in all further Phase III confirmatory trials.

**Many statisticians feel that dose selection is often very poorly done.** This briefing will identify methods to achieve the 'optimal' dose of a drug and highlight the problems and the practical solutions.

*The expert panel of speakers will examine:*

- What is the optimal dose**
- What needs to be measured**
- How to interpret the data**
- How to determine the optimal dose**

Essential for all Clinical Trial and Project Managers, Biostatisticians, Biometricians, Research Scientists, Clinical Data Processors, Administrators, Medical Directors, Epidemiologists, Health Economists, Regulatory Affairs Personnel and Clinicians. Full documentation will be provided to all attendees and adequate time made available for questions.

Tuesday 28<sup>th</sup> October 2003,  
Wyndham Hotel, Washington DC

For further information please contact: Vikki Dawe, Conference Producer, Henry Stewart Conference Studies, Russell House, 28/30 Little Russell Street, London, WC1A 2HN, UK. Tel: +44 (0)20 7404 3040, Fax: +44 (0)20 7404 2081  
Email: [vikkid@henrystewart.co.uk](mailto:vikkid@henrystewart.co.uk)  
Website: <http://www.henrystewart.com>

## International Conference on the Future of Statistical Theory, Practice and Education

**Dates: December 29, 2004– January 1, 2005**

**Place: Hyderabad, Andhra Pradesh, India.**

The primary objectives of this conference are to assess the past developments in the field of Statistics and then to discuss the future directions in terms of statistical theory, practice and education. Emphasis will also be placed to discuss the necessary reforms in statistical training and education that we need to make in order to meet the ever-changing needs of statistical practitioners in the industrial and government sectors. The program of the conference will also include workshops on some topics of current interest such as Bioinformatics, Data Mining, Financial Data Analysis and Bayesian Methods.

For further information, please contact C. R. Rao (crr1@psu.edu; 814-865-3194) or N. Balakrishnan (bala@mcmaster.ca; 1-905-525-9140, ext: 23420) or visit <http://www.stat.ohio-state.edu/~hnn/hydstatconf.html>

# Employment Opportunities around the world

## Directory of Advertisers

Country/state	Institution/Company
Australia	University of Melbourne (2 ads)
Canada	University of Waterloo (2 ads)
Canada	York University
Germany	Göttingen University
Oman	Sultan Qaboos University
Puerto Rico	University of Puerto Rico
Taiwan	Academica Sinica
USA: Arizona	University of Arizona
USA: California	California State University, Hayward
USA: California	University of California, Davis
USA: California	University of California, Irvine
USA: California	University of California, Santa Barbara
USA: Georgia	Georgia Institute of Technology
USA: Iowa	University of Iowa (2 ads)
USA: Maryland	University of Maryland, Baltimore
USA: Massachusetts	Williams College
USA: Michigan	Michigan State University
USA: Michigan	Wayne State University
USA: Minnesota	University of Minnesota
USA: Nevada	University of Nevada, Reno
USA: New Mexico	Los Alamos National Laboratory
USA: New York	Columbia University
USA: New York	Cornell University
USA: New York	Syracuse University
USA: New York	University at Buffalo
USA: North Carolina	Duke University
USA: Ohio	Case Western Reserve University
USA: Ohio	Ohio State University
USA: Oregon	University of Oregon
USA: Pennsylvania	University of Pennsylvania
USA: Texas	Texas A&M University (2 ads)
USA: Utah	University of Utah
USA: Virginia	William & Mary
USA: Wisconsin	University of Wisconsin, Milwaukee

## Australia: Melbourne

### The University of Melbourne

#### Department of Mathematics and Statistics

The University of Melbourne's Department of Mathematics and Statistics is one of Australia's leading mathematics and statistics departments. It has achieved this status through the high quality of its research and teaching programs. The Department offers a wide range of subjects to undergraduate and postgraduate students and is involved in aspects of community life that impact on the interests of the Department and the discipline. The positions will be situated within the Applied Statistics group, the Stochastic Processes group or the Operations Research group.

For further information, applications and positions descriptions see: <http://www.hr.unimelb.edu.au/jobs/>. Associate Professor: <http://www.hr.unimelb.edu.au/pds/Y0013150.pdf>; Senior Lecturer: <http://www.hr.unimelb.edu.au/pds/Y0013151.pdf>;

Lecturer: <http://www.hr.unimelb.edu.au/pds/Y0013152.pdf>. For further information on the department, see <http://www.ms.unimelb.edu.au/>

Closing Date: 7th October 2003

## Canada: Toronto

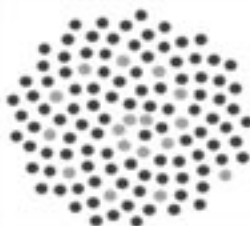
### YORK UNIVERSITY Faculty of Arts

#### STATISTICS and ACTUARIAL MATHEMATICS

Applications are invited for two tenure-track appointments at the Assistant Professor level in the Department of Mathematics and Statistics to commence July 1, 2004. Applications in Statistics and in Actuarial or Financial Mathematics or closely related areas will be considered. Each successful candidate must have a PhD and is expected to have a proven record of research excellence and superior teaching ability.

For the Statistics position, preference will be given to candidates who can strengthen existing areas of present and ongoing research activity. For the Actuarial or Financial Mathematics position, the candidate must have the background to teach and advise students in the department's actuarial program, and preference will be given to candidates who will contribute to existing areas of strength within the department. The selection process will begin on January 5, 2004. All positions at York are subject to budgetary approval.

Applicants should send resumes and arrange for three letters of recommendation (one of which should address teaching) to be sent directly to: Statistics Search Committee or Actuarial Search Committee, Department of Mathematics and Statistics, York University, 4700 Keele Street, Toronto, Ontario, Canada, M3J 1P3; Fax: (416) 736-5757; E-mail: [stats.recruit@mathstat.yorku.ca](mailto:stats.recruit@mathstat.yorku.ca) or [actuarial.recruit@mathstat.yorku.ca](mailto:actuarial.recruit@mathstat.yorku.ca); [www.math.yorku.ca/Hiring/](http://www.math.yorku.ca/Hiring/). *York University is an Affirmative Action Employer. The Affirmative Action Program can be found on York's website at [www.yorku.ca/calacadjobs](http://www.yorku.ca/calacadjobs) or a copy can be obtained by calling the affirmative action office at 416-736-5713. All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority.*

**Australia: Melbourne**

**Australian Research Council  
CENTRE OF EXCELLENCE FOR MATHEMATICS AND STATISTICS OF COMPLEX SYSTEMS**

**PhD Scholarships and Postdoctoral Fellowships in Mathematics and Statistics**

The ARC Centre of Excellence for Mathematics and Statistics of Complex Systems (MASCOS) announces the availability of PhD Scholarships and Postdoctoral Fellowships in Mathematics and Statistics.

The MASCOS mission is to stimulate research in mathematical and statistical modelling of complex systems, to encourage cross-fertilisation of ideas and techniques in this field, and to apply this knowledge to the analysis of complex systems.

Successful applicants for MASCOS scholarships and positions will hold them at participating MASCOS institutions. Primary institutions are **The University of Melbourne (UoM)**, **The Australian National University (ANU)**, **The University of New South Wales (UNSW)**, and the **Australian Mathematical Sciences Institute (AMSI)**, based in Melbourne). There is also a single chief investigator from each of **La Trobe University (LTU)** and **The University of Queensland (UQ)**.

Major current MASCOS research programs include **Critical Phenomena** (UoM, ANU, UNSW), **Monte Carlo Methods** (UoM, UNSW, UQ), **Statistical Modelling of Complex Systems** (UoM, ANU, UQ), **Dynamical Systems** (UoM, ANU, UNSW, LTU), **Risk Modelling** (UoM, ANU) and **Scientific Computation** (UoM, UNSW). Further information is available on MASCOS's website, <http://www.complex.org.au/>.

Research Fellows will collaborate with one or more of the MASCOS chief investigators on projects within the above programs. Salaries, and terms of appointment, for Research Fellow positions will be those appropriate to the respective host institutions. (In the case of AMSI, UoM will be the host institution.)

The MASCOS PhD Scholarships will be amongst the most attractive in the field. They will be at the rate of A\$25,000 per annum, for three years. Holders of these scholarships will also have a maintenance fund of A\$3,000 per annum to be used for study-related expenses. It is anticipated that fee waivers will be available for PhD scholarship holders who are Australian citizens or Australian residents.

Initial contact should be made either through the MASCOS Director, Professor Tony Guttman (email: [director@complex.org.au](mailto:director@complex.org.au)), or one of MASCOS's component institutions:

The University of Melbourne: Professor Peter Taylor; [pgt@ms.unimelb.edu.au](mailto:pgt@ms.unimelb.edu.au)  
 The Australian National University: Professor Peter Hall; [peter.hall@anu.edu.au](mailto:peter.hall@anu.edu.au)  
 The University of New South Wales: Professor Ian Sloan; [i.sloan@unsw.edu.au](mailto:i.sloan@unsw.edu.au)  
 La Trobe University: A/Professor Reinout Quispel; [r.quispel@latrobe.edu.au](mailto:r.quispel@latrobe.edu.au)  
 The University of Queensland: Dr Phil Pollett; [pkp@maths.uq.edu.au](mailto:pkp@maths.uq.edu.au)

**Contact details:**

ARC Centre of Excellence for Mathematics and Statistics of Complex Systems (MASCOS)  
 Department of Mathematics and Statistics  
 The University of Melbourne  
 Victoria, 3010, AUSTRALIA  
 Phone: +61 3 8344 1775  
 Fax: +61 3 9349 4106  
 Web: <http://www.complex.org.au/>



**Canada: Waterloo**  
**UNIVERSITY OF WATERLOO**  
**FACULTY OF MATHEMATICS**

The Faculty of Mathematics has four departments and one school: Departments of Applied Mathematics, Combinatorics & Optimization, Pure Mathematics and Statistics & Actuarial Science, and a School of Computer Science. In addition to departmental and interdepartmental academic undergraduate programs, the Faculty has major programs combining studies in mathematics and computer science with business and accounting. There are approximately 160 faculty and 100 administrative and technical staff in the Faculty, which has a combined undergraduate and graduate enrolment of more than 4500 students. Students in the Faculty of Mathematics take a common set of courses in algebra, calculus, discrete mathematics, statistics and probability in the first two years of their programs. The Faculty is seeking candidates for limited-term positions (two or three years) as lecturers who are able to teach elementary courses in two or more of the areas mentioned above. Candidates with a PhD degree are preferred, although those with a Masters degree will also be considered. Candidates must provide evidence of demonstrated or potential excellence in teaching. Successful candidates may be eligible for reappointment to a second term, and those demonstrating outstanding performance in teaching and service may be considered for an ongoing appointment as a Continuing Lecturer. Appointments will be made either in the Office of the Dean or in one of the units in the Faculty that most closely matches the appointee's areas of competence.

Applications should be directed to Dr. Alan George, Dean, Faculty of Mathematics, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1 (jageorge@uwaterloo.ca) by October 31, 2003. Application material should include a curriculum vitae and the names and addresses of at least three references.

The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities. Canadian Citizens and Permanent Residents will be considered first for these positions. These appointments are subject to the availability of funds.

**Canada: Waterloo**  
**UNIVERSITY OF WATERLOO**  
**DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE**

Statistics and Actuarial Science at the University of Waterloo is one of five academic units that comprise the Faculty of Mathematics. Beginning in 2003, the Faculty is initiating a major expansion in the area of scientific computing and computational mathematics, both at the undergraduate and graduate levels. The anticipated growth in student numbers will result in a combined enrollment of 450 scientific computing/ computational mathematics students by the end of this decade.

In anticipation of this expansion, the Department of Statistics and Actuarial Science wishes to appoint several additional faculty members with research interests in all areas of computational statistics, probability and data analysis. These appointments will be tenure-track positions, mainly at the Assistant and junior Associate Professor level, but applicants at the Full Professor level with exceptional records will also be given serious consideration. Successful candidates will be expected to participate in the teaching and research activities of the Department and Faculty, particularly via the newly-established Centre for Computational Mathematics in Industry and Commerce (CCMIC). The CCMIC will oversee both the undergraduate and graduate programs on which the proposed expansion in scientific computing and computational mathematics is based. These new faculty positions will add to or complement the current strength in the Department in the areas of statistical programming environments, data reduction, analysis and visualization, simulation, statistical learning, data-mining, drug discovery and computer experimentation, as well as computational finance. To learn more about the CCMIC, see [http://www.math.uwaterloo.ca/navigation/Current/comp\\_math.shtml](http://www.math.uwaterloo.ca/navigation/Current/comp_math.shtml)

Applicants must have a PhD in Statistics, Computer Science, or a related discipline, with a proven ability in or potential for research in computational statistics. Good teaching and communication skills are also essential. Interested individuals should send a curriculum vitae, a statement of their research interests, two recent research articles, and the names and addresses of at least three references to Dr. Alan George, Dean, Faculty of Mathematics, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1 (jageorge@uwaterloo.ca) by December 31, 2003.

In accordance with Canadian immigration requirements, citizens and permanent residents of Canada will be considered first for these positions. The University of Waterloo encourages applications from all qualified individuals including women, members of visible minorities, native peoples, and persons with disabilities.



### Germany: Göttingen Georg-August-Universität

At the Institute of Mathematical Stochastics of the Georg-August-Universität Göttingen is a position open for a **Juniorprofessur** (BesGr. W1 BBesO) in the field of Stochastics and its Applications starting 1st of December 2003 for a 3 year period with the possibility of extension for another 3 years.

Applicants must have an outstanding doctoral degree and a prominent research and publication record. The candidate is expected to participate appropriately in the teaching and research program of the institute. Furthermore, he or she should represent an actual field in stochastics which is related to its applications, e.g., stochastic models in biology, telecommunication or mathematical statistics with applications in economics. Active co-operation within the Center of Statistics is expected.

The placement prerequisites are given by § 30 NHG (Nds. GVB1.202 page 286). As far as the applicant has been employed as scientific assistant before or after completion of his/her thesis, duration of time during employment and thesis should not exceed six years. Further details will be explained on request.

The University of Göttingen is aiming to increase the share of female faculty members. Thus qualified women are especially encouraged to apply. Disabled candidates will be given preference in the case of equal qualifications.

Applications with CV, list of publications and teaching- and research resume should be sent by September 15, 2003 to:

Dekanin der Mathematischen Fakultät  
Bunsenstr. 3-5  
37073 Göttingen  
Germany

### Taiwan: Taipei Institute of Statistical Science, Academia Sinica, Taipei, Taiwan

(I) Applications are invited for a **research staff position**. Rank of appointment (Assistant Research Fellow, Associate Research Fellow or Research Fellow) will be commensurate with experience. Candidates must have a PhD in statistics or related fields.

(II) Applications are invited for a **technical supporting staff position**. Rank of appointment (Assistant/Associate/Senior Research Scientist) will be commensurate with experience. Candidates must have a PhD (or an MS with working experience) in statistics, informatics or related fields with statistical computing expertise. The successful applicant will be expected to assist the Institute's research staff members in coordinating/supervising the statistical computing component of statistical/interdisciplinary projects.

Interested applicants should send a curriculum vitae, three letters of recommendation, copies of publications/technical reports, transcripts (for new PhD only) and other relevant documents to Yi-Ching Yao, Search Committee, Institute of Statistical Science, Academia Sinica, Taipei, Taiwan 115, R.O.C. Please clearly indicate the position of interest in the cover letter. (Tel: 886-2-27835611 ext. 311, Fax: 886-2-27831523, E-mail: yao@stat.sinica.edu.tw)

Applications completed by December 31, 2003 will be given full consideration. More information is available at <http://www.stat.sinica.edu.tw>

### Puerto Rico: San Juan Department of Mathematics

#### Río Piedras Campus San Juan, Puerto Rico

We announce the opening of two tenure track positions, available starting August 2004 and remaining open until filled. One position is in the areas of Applied Mathematics, Statistics and/or Actuarial Science; the other is in Theoretical Mathematics and its applications. The candidates should have a Ph.D. in the Mathematical Sciences and are expected to have developed or be able to develop research programs in their fields of expertise. A strong commitment for teaching at undergraduate and graduate levels is also required. Applicants should also be willing to supervise thesis at these levels. Conversational knowledge of Spanish is a plus. In any case, it would help the candidate to learn Spanish during the probatory period.

Salary will depend on qualifications, according to the scale of the University of Puerto Rico, Río Piedras Campus. Please send the AMS application cover sheet, a curriculum vitae, a letter describing your interests and research projects, and three letters of recommendations to the address below. Please, send copies of the academic transcripts and diplomas. The evaluation of candidates will start on October 1st, 2003, until the positions are filled.

UPR is an equal opportunity employer.

Contact Person: Luis Raúl Pericchi,  
Chairman

Address: PO Box 23355, San Juan, PR  
00931-3355

E-mail: [pericchi@goliath.cnnnet.clu.edu](mailto:pericchi@goliath.cnnnet.clu.edu)

Fax: 787-281-0651, 787-772-1437

## Sultanate of Oman

## College of Science

## DEPARTMENT OF MATHEMATICS &amp; STATISTICS

The Department has two vacant positions in Statistics and anticipates openings in Mathematics for the Academic year 2004-2005. The positions are at Asst. Professor level. However, exceptional candidates may be considered at Associate Professor level. Candidates interested in the statistics positions should be well versed in a variety of statistical software packages and preference will be given to candidates with experience in Actuarial science, Bayesian statistics or Applied statistics. All position will entail teaching at undergraduate and graduate level and candidates should have a strong commitment to high quality teaching and scholarly research.

The University is located near the capital area and close to excellent international schools and unique natural recreational areas. Apart from a very attractive tax free base salary, Sultan Qaboos University offers free furnished accommodation, excellent recreational facilities on campus, subsidized schooling for up to two children, 60 days annual leave with return air tickets, end of service gratuity, and free medical treatment in Government Hospitals in the Sultanate. Informal inquiries can be addressed to Dr. Lakdere Benkherouf, Department of Mathematics and Statistics, Sultan Qaboos University, P.O. Box 36, Al-Khod 123, Oman. E-mail: hoddomas@squ.edu.om, Tel: +968515420, Fax: +968513490

The positions will remain open until filled but applications received before 15th October 2003 will receive strongest consideration. The University will reserve the right not to make an appointment. Interested candidates are requested to send applications including cover letter, CV and names, email addresses and fax numbers of three referees quoting our Ref: ADV/SCI/MA.ST-2/06/03, to the address below:

The Director, Personnel Affairs - Sultan Qaboos University  
P.O Box 50, Postal code 123, Al-Khod, Sultanate of Oman  
Fax: (+968)513-255, e-mail:vacancies@squ.edu.om

SULTAN QABOOS UNIVERSITY  
Sultanate of Oman



## USA: Arizona

THE UNIVERSITY OF ARIZONA  
DEPARTMENT OF MATHEMATICS  
TUCSON, AZ

The Department of Mathematics is seeking applications for tenure-track positions at either the Assistant, Associate or Full Professor level, which will begin in Fall 2004. By the time of appointment, candidates are expected to have a Ph.D. and excellent research record or potential, as well as a strong commitment to teaching. Rank and salary depend on the qualifications of the selected candidate(s).

The Department may also have postdoctoral or visiting positions for the 2004-2005 academic year (Ph.D. required).

Further information about the full range of the Department's research and educational activities may be found at <http://www.math.arizona.edu>

Application review begins October 1, 2003 and continues as long as positions remain unfilled. Applications received before October 1, 2003 will receive the fullest consideration; applications received after January 2, 2004 are unlikely to be considered.

Please send a letter of interest (specifying position(s) applied for), an AMS Cover Sheet (which can be downloaded from <http://www.ams.org/cover sheet>), a curriculum vitae with a list of publications, a statement of research interests, a statement of teaching experiences/philosophy and a minimum of three (3) letters of recommendation (enclose or arrange to be sent) to:

Personnel Committee, Department of Mathematics,  
University of Arizona, P.O. BOX 210089  
Tucson, Arizona 85721-0089

The University of Arizona is an EEO/AA Employer-M/W/D/V

## USA: California

CALIFORNIA STATE UNIVERSITY, HAYWARD  
(overlooking San Francisco Bay)

Announces Position No: 04-05

STAT-BIO/COMP-TT, FULL-TIME TENURE  
TRACK ASSISTANT PROFESSOR.

Teach undergraduate/MS courses in statistics/Biostatistics/Statistical Computation, sustain related research program. Advise, mentor ethnically diverse students. Required by start date (9/15/04): Ph.D. in Statistics/Biostatistics, US work authorization. Review 12/15/03 until filled.

Application information:

Dept. of Statistics, CSUH

(510) 885-3435

[www.sci.csuhayward.edu/statistics](http://www.sci.csuhayward.edu/statistics).

EOE.

**USA: California****University of California at DAVIS****Department of Statistics**

The Department of Statistics invites applications for two faculty positions that will start on July 1, 2004. Each position is either at the tenure-track Assistant Professor rank or at the tenured Associate Professor rank, depending on qualifications. Applicants must have a Ph.D. in Statistics or a related field. An outstanding research and teaching record is required for an 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, statistical learning, 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 Ph.D./M.S. 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 2002 or later) to:

Chair, Search Committee, Department of Statistics, 1 Shields Avenue, University of California, Davis, CA 95616.

All e-mail to: [search@wald.ucdavis.edu](mailto:search@wald.ucdavis.edu)

Review of applications will begin on Dec. 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: California**

# UCIrvine

University of California, Irvine

**Department of Statistics**

The new Department of Statistics ([www.stat.uci.edu](http://www.stat.uci.edu)) at the University of California, Irvine (UCI), is recruiting individuals for three faculty positions in 2003-04: one position with tenure and two tenure-track assistant professorships. We anticipate growing to a full-time faculty in statistics of 6-8 people over the next few years, with several more half-time appointments shared with other units at UCI. The department will have a strongly interdisciplinary flavor, focused on developing methods to solve applied problems and advancing the statistical theory that underlies those methods. The Department is interested in individuals with research interests in all areas of statistics.

UCI is one of the youngest campuses in the University of California, yet we are already ranked very highly among U.S. public universities. The Department of Statistics is part of the School of Information and Computer Science ([www.ics.uci.edu](http://www.ics.uci.edu)) at UCI ([www.uci.edu](http://www.uci.edu)). A detailed account of plans for the new department is available at [www.evc.uci.edu/growth/stat/stat\\_proposal.pdf](http://www.evc.uci.edu/growth/stat/stat_proposal.pdf)

Completed applications containing a cover letter, curriculum vita, sample research publications, and three letters of recommendation should be sent to the Chair of the Department at [stat@uci.edu](mailto:stat@uci.edu) or

**Professor Hal Stern**  
**Department of Statistics**  
**4800 Berkeley Place**  
**University of California, Irvine**  
**Irvine, CA 92697-1250**

The review of applications will begin December 1, 2003.

*The University of California, Irvine is an equal opportunity employer committed to excellence through diversity, has a National Science Foundation Advance Gender Equity Program, and is responsive to the needs of dual career couples.*

**USA: California**
**University of California, Santa Barbara**  
**Departments of Statistics and Applied**  
**Probability and Mathematics**

Open level position in Stochastic Analysis (particularly Mathematical Finance) joint between the two departments, starting July 1, 2004. Research, teaching excellence, PhD in Statistics/Mathematics. Submit resume, research and teaching objectives, AMS Cover Sheet ([www.ams.org](http://www.ams.org)), and four reference letters (at least one teaching related). Submit materials via [www.mathjobs.org](http://www.mathjobs.org) OR send to: Search Committee, Statistics and Applied Probability, University of California, Santa Barbara, CA 93106-3110.

Selection begins December 20, 2003 until filled. Candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service are particularly encouraged to apply.

EOE

**USA: Georgia****Georgia Institute of Technology**

The School of Mathematics at Georgia Tech invites applications for tenure-track and visiting faculty positions in probability or statistics at all ranks beginning Fall 2004. Preference will be given to candidates whose expertise reinforces links between probability, statistics and applied mathematics as well as with other academic units at Georgia Tech.

Candidates with strong research and teaching records or potential should arrange for a resume, at least three letters of reference, and a summary of future research plans to be sent to the

Hiring Committee, School of Mathematics, Georgia Institute of Technology, Atlanta, GA 30332-0160 USA

Review of applications will begin in September 2003 and continue until all positions have been filled. Georgia Tech, an institution of the University System of Georgia, is an Equal Opportunity/Affirmative Action Employer.

**USA: Iowa****University of Iowa**

Department of Biostatistics, College of Public Health, seeks candidates for open-level tenure-track faculty for 2004-5. Appointees are expected to teach and perform methodologic and collaborative research. See <http://www.public-health.uiowa.edu/biostat/faculty-recruitment.pdf> for complete description of position requirements. Applications should include a curriculum vitae and three letters of recommendation. Recent graduates (within 4 years of PhD) include graduate education transcripts, abstract of PhD thesis and manuscripts in progress. Screening begins November 1, 2003. Applications should be mailed to: Search Committee Chair, Department of Biostatistics C22-GH, 200 Hawkins Drive, Iowa City IA 52242. Women & minorities encouraged to apply. AA/EOE.

**USA: Iowa****Assistant Professor in Actuarial Science  
University of Iowa**

Applications are invited for a tenure-track assistant professor in actuarial science starting August 2004. Applicants must show promise for excellence in both teaching and creative research. They must have completed a Ph.D. in a relevant field and at least the first four Society of Actuaries exams, or equivalent exams in a major actuarial organization. Fellowship or Associateship in a professional actuarial society is preferred. The appointee is expected to conduct research in actuarial science/financial mathematics, to assist in building a Ph.D. program in this area, and to supervise Ph.D. students.

The selection process begins December 1, 2003 and continues until the position is filled. Please send a curriculum vitae, a transcript for new Ph.D.s, and have three confidential letters of reference sent to:

Actuarial Search Committee  
Dept. of Statistics & Actuarial Science  
University of Iowa  
Iowa City, IA 52242.  
Email: [actuarial-search@stat.uiowa.edu](mailto:actuarial-search@stat.uiowa.edu)

The Department currently has seventeen tenure-track faculty members who are engaged in various areas of research in statistics, actuarial science, and financial mathematics. The current actuarial faculty members are Jim Broffitt, A.S.A., Gordon Klein, F.S.A., and Elias Shiu, A.S.A. The B.S. and M.S. degrees are offered in both actuarial science and statistics, the Ph.D. in statistics. Actuarial students may earn a Ph.D. in statistics with emphasis in actuarial science/financial mathematics. The number of actuarial science majors is about 45 graduate and 20 undergraduate students. For additional information about the Department, please refer to the web site: <http://www.stat.uiowa.edu/>.

The University of Iowa is nestled in the rolling hills of eastern Iowa along the banks of the Iowa River. The enrollment is approximately 30,000 students. Iowa City is a clean, attractive community of approximately 64,000 people. It is noted for its public schools, medical and athletic facilities, attractive business district, parks, and mass transit system. In 1999, Editor & Market Guide rated Iowa City as the best metropolitan area to live in the USA. Among smaller metropolitan areas, the 2003 Milken Institute Best Performing Cities Institute ranked Iowa City number 1. Iowa City is within 300 miles of Chicago, St. Louis, Kansas City, and Minneapolis.

Women and minorities are encouraged to apply. The University of Iowa is an Affirmative Action Equal Opportunity Employer.

**USA: New York****Statistics Department, Columbia University**

Postdoctoral research position in applied statistics. Hierarchical Bayesian analysis, applications in public opinion and public health. See [www.stat.columbia.edu/~gelman/postdoc/](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.

**USA: Maryland****UNIVERSITY OF MARYLAND BALTIMORE COUNTY****DEPARTMENT OF MATHEMATICS AND STATISTICS**

The department invites applications for a tenure-track faculty position in statistics at the rank of assistant professor, starting in the fall of 2004. The successful candidate should have a Ph.D. in an area of statistics, have an active, independent research program, strong potential for obtaining external funding, and a commitment to excellence in teaching. Preference will be given to candidates with a demonstrated record of applications-oriented research, and special consideration will be given to those who have the potential to make strong theoretical and interdisciplinary contributions in statistical

computing, data mining, biostatistics, environmental statistics or in bioinformatics. The department offers BS, MS and Ph.D. degrees in statistics and in applied mathematics. Refer to the department's web page (<http://www.math.umbc.edu>) for more information. Applicants should send a vita, a summary of their current research program, and have three letters of reference sent to Statistics Recruitment Committee, Department of Mathematics and Statistics, University of Maryland Baltimore County, Baltimore, MD 21250. Screening of applicants will commence December 1, 2003, and will continue until the position is filled.

*UMBC is an Affirmative Action, Equal Opportunity Employer.*

**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: Michigan****MICHIGAN STATE UNIVERSITY****Department of Statistics and Probability,**

The Department of Statistics and Probability at Michigan State University invites applications for a tenure track Assistant Professor position to start August 16, 2004. Candidates should have a Ph.D. with a concentration in statistics and/or probability and strong research and teaching potential. Moreover candidates should have research interests in applications of these fields to interdisciplinary research in the biological sciences. Please supply a curriculum vitae, a summary of scholarly interests, and evidence of teaching experience, as well as

having three letters of recommendation sent directly to: Search Committee, Department of Statistics and Probability, A415 Wells Hall, Michigan State University, East Lansing, MI 48824-1027. The selection process will begin December 1, 2003 and continue until the position is filled. MSU is an Affirmative Action/Equal Opportunity Institution. Persons with disabilities have the right to request and receive reasonable accommodation. Minorities and women are strongly encouraged to apply. For additional information about the MSU Department of Statistics and Probability please visit: [www.stt.msu.edu](http://www.stt.msu.edu)

**USA: Michigan****WAYNE STATE UNIVERSITY****DEPARTMENT OF MATHEMATICS**

Applications are invited for one tenure-track position at the rank of Assistant/Associate Professor in any area of specialization. Persons active in research in the field of Analysis or Statistics and with the capacity to collaborate with the current faculty are especially encouraged to apply. Applications from female and minority candidates are particularly encouraged. There is also the possibility of visiting positions for 2004-2005 in any area of mathematics. A Ph.D. in Mathematics or Statistics and a strong interest in research and teaching is required for all positions. Applications should include a signed, detailed vita, description of current research interests, and four letters of recommendation, including one addressing teaching. Solid evidence of excellence in teaching at the undergraduate level is preferred over a statement of teaching philosophy. Applications received by December 1, 2003 will be given priority. Wayne State University is an equal opportunity/affirmative action employer. Wayne State University - People working together to provide quality service. All buildings, structures and vehicles at WSU are smoke-free.

Lowell J. Hansen, Chair, Wayne State University, College of Science, Department of Mathematics, Detroit, Michigan 48202 (313) 577-2479; (313) 577-7596 FAX



**USA: Minnesota****School of Statistics, College of Liberal Arts  
University of Minnesota**

Applications are invited for three full time, nine-month, tenured or tenure-track faculty appointments at any level beginning August 23, 2004. Duties: teaching, research, and advising.

Qualifications: Require doctorate in statistics or closely related quantitative field by August 16, 2004. For tenured positions, demonstrated excellence in research and teaching are also required. Send a letter of application, curriculum vitae, (copy of graduate record for tenure-track applicants), reprints/preprints, and arrange for three letters of recommendation to Chair, Search Committee, School of Statistics, University of Minnesota, 313 Ford Hall, 224 Church St. SE, Minneapolis, MN 55455; (612) 625-8046. FAX (612) 624-8868.

Applicants will be reviewed beginning 01/05/04. Position(s) open until filled. The University of Minnesota is an equal opportunity employer and educator. For complete position information, please visit the web site [www.stat.umn.edu](http://www.stat.umn.edu)

**USA: Nevada****University of Nevada, Reno**

Applications are invited for a tenure-track Associate or Assistant Professor beginning Fall 04. Minimum qualifications: PhD in a mathematical science with specialization in Probability and/or Statistics, evidence of significant research, interdisciplinary collaborations and statistical consulting, and documented excellence in teaching. Academic salary is dependent on experience and qualifications.

Statistics Search (FP) Committee, Department of Mathematics/084; University of Nevada, Reno, NV 89557. Applications completed by November 1, 2003 will receive full consideration. See <http://www.jobs.unr.edu> or <http://www.unr.edu/math> for a detailed position announcement and information about our department or contact Meg Affinito at 775-784-6773 or [affin\\_m@unr.edu](mailto:affin_m@unr.edu) for more information.

**USA: New York**

## Assistant Professor Department of Biostatistics

The newly formed Department of Biostatistics at the University at Buffalo is seeking applicants at the Assistant Professor level to fill a 12-month tenure-accruing position. The Department of Biostatistics will be offering graduate degrees in biostatistics starting in the fall 2004 semester. The position will be flexible in terms of teaching, guaranteed research time, and collaborative efforts. Potential exists for a wide variety of areas of collaboration, including chronic disease, epidemiology, environmental health, pharmaceuticals, bioinformatics, women's health, clinical trials, oral health, genetics, and many other areas of Public Health and Medicine. Applicants should send a cover letter stating career goals, a recent CV, and the names with contact information for three references to: **Mrs. Nancy M. Barczykowski, Department of Biostatistics, School of Public Health and Health Professions, University at Buffalo, Farber Hall, Room 249, 3435 Main Street, Buffalo, New York 14214-3000.**

*The University at Buffalo is an Equal Opportunity/  
Affirmative Action Employer/Recruiter*

**USA: New York****Department of Mathematics  
Syracuse University**

The department seeks to fill a tenure-track position in applicable mathematics beginning August, 2004. Ph.D. in mathematics required. Candidates should have a record of strong accomplishment and potential in both research and teaching. Although preference will be given to candidates in applicable mathematics, exceptional candidates in all areas will be considered. Preference will also be given to candidates who have postdoctoral experience and whose research interests overlap and/or complement those of existing faculty. Areas of applicable mathematics presently represented in the department include applied mathematics/numerical analysis, combinatorics, probability, and statistics. See <http://math.syr.edu> for more information.

Applications should include a cover letter, CV, three letters of recommendation addressing research qualifications, and at least one letter of recommendation addressing teaching. Send applications to Chair, Department of Mathematics, Syracuse University, Syracuse, NY 13244. Screening of candidates begins November 15, 2003 and continues until the position is filled.

Syracuse University is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse faculty; women and minority candidates are especially encouraged to apply.

**USA: New Mexico**

## *Statistical Sciences Group*

Los Alamos National Laboratory

[www.stat.lanl.gov](http://www.stat.lanl.gov)

### **Ph.D. Statisticians**

The Statistical Sciences Group at Los Alamos National Laboratory is seeking excellent candidates for challenging entry- to mid-level positions. Candidates must possess a Ph.D. in statistics or an equivalent combination of education and experience, knowledge of multiple areas of statistical sciences, and interest in diverse application areas. Demonstrated statistical research ability including journal publications and/or technical reports is required. Experience developing statistical methodology in multidisciplinary collaborations, and background in basic science or engineering is desired. Good verbal and written communication skills and extensive statistical computing experience are required. Top-level security clearance or ability to obtain a top-level security clearance, which normally requires U.S. citizenship, is mandatory.

**To apply, send resume, one page professional statement, three letters of reference, and copies of transcripts (for entry level applicants) to: Statistical Sciences Search Committee, Los Alamos National Laboratory, P.O. Box 1663, MS F600, Los Alamos, NM 87545. Applications completed prior to January 15, 2004 will receive full consideration.**

### **Pushing the Frontiers of Science**

For more than six decades, Los Alamos National Laboratory has challenged the frontiers of science by creatively combining basic sciences with engineering and technical advances. As one of the country's largest national laboratories, the Laboratory is recognized as a world-class scientific and engineering institution. Operated for the Department of Energy by the University of California, the Laboratory serves the nation by advancing science and technology to make the world a better and safer place. The Laboratory maintains an atmosphere of intellectual freedom and also offers a fine benefits package with retirement, vacation, health coverage, and a Tax-Deferred 403(b) Plan. The Laboratory's core competency areas include: homeland security; complex experimentation and measurement; theory, modeling, and high-performance computing; analysis and assessment; nuclear weapons science and technology; earth and environmental systems; nuclear and advanced materials; bioscience and biotechnology; and nuclear science, plasmas, and beams.

### **Statisticians are important contributors to the multidisciplinary scientific efforts central to each core competency**

The Statistical Sciences Group was formed in 1967 to provide the Laboratory with a center of expertise in statistics. The group consists of 21 statistical scientists plus supporting personnel, visiting faculty, graduate students, and postdoctoral fellows. It offers challenging opportunities in statistical research and applications for individuals eager to participate in multidisciplinary scientific activities. The group currently has expertise in a range of methodologies including Bayesian methods, biomathematics, computer model evaluation, environmental statistics, Monte Carlo and computer-intensive methods, reliability analysis, spatial modeling, statistical graphics and visualization, and stochastic processes.

Statisticians work in partnership with world-class scientists in a variety of application areas, including: material science; computer science applied to modeling of weapon performance, traffic flow and congestion, disease outbreaks, and ecological phenomena; physics; engineering; geology; military strategy and analysis; industrial problems; genetics, microbiology, and chemistry.

### **Los Alamos Area**

Los Alamos is situated at 7300 feet on the colorful mesas that extend from the wooded slopes of the Jemez Mountains. The town of about 18,000 people overlooks the Rio Grande Valley with further views of the Sangre de Cristo range, which forms the southern end of the Rocky Mountains. Los Alamos is a scenic 40-minute drive from the historic and cultural center of Santa Fe and is just 25 minutes from Bandelier National Monument, the site of ancient Native American cliff dwellings. Opportunities for outdoor activities such as skiing, fishing, mountain biking, and hiking abound in the Los Alamos area.



**USA: New York****Cornell University**

The Department of Mathematics at Cornell University invites applications for the position of tenure-track Assistant Professor (or higher rank). We expect to have two or more positions. Start date July 1, 2004. For information about fields of interest and application instructions, see: <http://www.math.cornell.edu/Positions/facpositions.html>

Deadline November 1, 2003. Early applications will be regarded favorably. Cornell University is an Affirmative Action/Equal Opportunity Employer.

The Department of Mathematics invites applications for the following positions beginning July 1, 2004:

- (1) Four H.C. Wang Assistant Professors, non-renewable, 3-year term;
- (2) Three VIGRE Postdoctoral Associates (contingent upon funding), non-renewable, 3-year term; beginning August 16, 2004;
- (3) Visiting positions, academic year or one semester teaching positions (any rank).

For information about our positions and application instructions, see: <http://www.math.cornell.edu/Positions/facpositions.html>

Applicants will be automatically considered for all eligible positions. Deadline December 1, 2003. Early applications will be regarded favorably. Cornell University is an Affirmative Action/Equal Opportunity Employer.

**USA: Ohio**
**Ohio State University, Columbus, Ohio**  
**Mathematical Biosciences Institute (MBI)**  
**Postdoctorate positions**

The Mathematical Biosciences Institute (MBI) at The Ohio State University is accepting applications for postdoctorate positions to start September, 2004, and renewable for up to 3 years. Some positions are co-sponsored by industry or academic bioscience labs. The deadline for applications is January 16, 2004. Short- and long-term visitors may apply at any time. To access the application form or for more information, visit the MBI website at <http://mbi.osu.edu> or call (614) 292-3648.

**USA: North Carolina**

Computational and Applied Genomics Program



**Faculty Positions at Duke University**  
**Statistical Science in Genomics & Related Areas**  
[www.cagp.duke.edu](http://www.cagp.duke.edu)

Under the auspices of the Duke Institute for Genome Sciences and Policy (IGSP) we seek applicants for tenure track faculty positions associated with the Computational and Applied Genomics Program. Appointments are available at any level. We seek applications from individuals with experience in statistics and biostatistics in genomics and biomedicine, including cancer genomics, clinical applications, and gene-environment studies. Appointees will be supported by generous start-up packages from IGSP. Positions are available immediately and applications will be reviewed until the positions are filled.

Applications are also sought for one or more positions as Research Assistant Professor. We seek candidates with established research agendas in complex statistical modeling, including areas such as graphical models and statistical computation, and with experience in genomic applications. Application deadline: December 1<sup>st</sup> 2003.

Applications and enquiries should be made via email as detailed below and at the web site [www.cagp.duke.edu](http://www.cagp.duke.edu). Informal enquiries should be addressed to CAGP Co-Director Mike West of the Institute of Statistics & Decision Sciences at Duke.

To apply: Email CV and cover letter to [sandra.reynolds@duke.edu](mailto:sandra.reynolds@duke.edu), and arrange for 3 letters of recommendation to be emailed or sent by post to: CAGP Faculty Search, Attn: Sandra Reynolds, Box 3568, Room 263 CARL Building, Research Drive, Duke University, Durham, NC 27710.

*Duke University is an Equal Opportunity/Affirmative Action Employer and Educator*

**USA: Ohio****Cleveland FES Center, Cleveland, Ohio****Statistician Principal Investigator**

The Cleveland FES Center is currently recruiting an investigator to lead the biostatistics and experimental design components of the Centers research program and to serve as a co-investigator providing statistical expertise to Center objectives. The Cleveland FES Center is a dynamic, multi-institutional research consortium dedicated to the development of Functional Electrical Stimulation (FES) interventions to improve the independence of individuals with disabilities. Center investigators are from the Louis Stokes Cleveland VA Medical Center, Case Western Reserve University, MetroHealth Medical Center, University Hospitals and the Cleveland Clinic. Joint appointments or strong interactions with the Department of Epidemiology and Biostatistics or the Department of Statistics at Case Western Reserve University are encouraged.

See <http://feswww.fes.cwru.edu/employment/> for additional information.

**USA: Oregon****University of Oregon - Department of Mathematics**

Applications are invited for tenure-track Assistant or Associate Professor positions in all areas of pure and applied mathematics, statistics and mathematics education. Qualifications are a Ph.D. in the mathematical sciences, an excellent record of research accomplishment, and evidence of teaching ability.

See <http://darkwing.uoregon.edu/~math/employment.html>

Competitive salary with excellent fringe benefits. Mail complete vita and at least three letters of recommendation to Search Committee, 1222 Department of Mathematics, University of Oregon, Eugene, OR 97403-1222. Application materials may NOT be submitted electronically.

Closing date is January 5, 2004. Women and minorities are encouraged to apply. The University of Oregon is an EO/AA/ADA Institution committed to diversity.

**USA: Texas****Faculty Positions****Department of Statistics****Texas A&M University**

We anticipate multiple tenure-track openings starting 9/04. Rank and salary are open. A PhD/DSc degree or the completion of all requirements for the degree prior to arrival is required. Successful candidates are expected to have a strong commitment to research and teaching. The department is a member of the College of Science and has a strong tradition of theoretical and interdisciplinary research. Excellent computing facilities are available and highly competitive startup funding is anticipated. Women and minorities are especially encouraged to apply. Send vitae (tenured position) or vitae and three letters of reference (untenured position) to:

Faculty Search Committee

Department of Statistics

Texas A&M University

3143 TAMU

College Station, TX 77843-3143

Evaluation of applications will begin

December 10, 2003. <http://stat.tamu.edu>

AA/EOE

**USA: Utah****University of Utah**

The Department of Mathematics at the University of Utah invites applications for the following positions:

Full-time tenure-track or tenured appointments at the level of assistant or associate professor. Applicants should receive their Ph.D. degrees prior to 2003.

Three-year Scott, Wyle, Burgess or VIGRE Assistant Professorships. Persons receiving Ph.D. degrees in 2002 or later, are eligible. IGERT Postdoctoral Fellowships. Applicants for this position should have a background in Mathematical Biology;

FRG (Focused Research Group) Postdoctoral Fellowships: Candidates should have a Ph.D. in mathematics and be interested in research in the dynamics on biogels.

Please see our website at [www.math.utah.edu/positions](http://www.math.utah.edu/positions) for information regarding available positions, applications requirements and deadlines. Applications must be completed through the website [mathjobs.org](http://mathjobs.org).

The University of Utah is an Equal Opportunity, Affirmative Action Employer and encourages applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees.

**USA: Pennsylvania****The Wharton School, University of Pennsylvania**

The Department of Statistics is seeking to fill one tenure track or tenured position at any level beginning September 2004. Applicants are expected to show outstanding capacity and achievement in research. Additionally, candidates must have excellent communication skills and enthusiasm for teaching MBA, undergraduate, and doctoral students. Applications from women and members of minority groups are encouraged.

Send curriculum vitae and arrange for three letters of recommendation to be mailed to Paul Shaman, Department of Statistics, University of Pennsylvania, Philadelphia, PA 19104-6340. AA/EOE.

**USA: Virginia****William & Mary**

Anticipated tenure-track assistant or associate professor position in statistics beginning August 2004. Scholarly and teaching excellence, plus a PhD, are required; some consulting experience is desirable. Research should involve substantial applications to topic(s) in biology. The College is especially interested in promoting initiatives in bioinformatics. For more information, please visit <http://www.math.wm.edu/>.

Submit application letter, CV, research description, three recommendation letters (at least one concerning teaching) to: Biostat Search Committee, Mathematics Department, William & Mary, Box 8795, Williamsburg, VA 23187-8795. Review begins 12/1 and continues until position is filled. W&M is an EEO/AA employer.

**USA: Texas****Training Program at Texas A&M University for New and Established Investigators in Bioinformatics and Biostatistics**

The Department of Statistics at Texas A&M University anticipates openings for its two-year training program in Bioinformatics and Biostatistics with an emphasis on the Biology of Nutrition and Cancer (<http://stat.tamu.edu/B3NC>). Program participants will receive training via a structured format in biology, genetics, microarray technology, genomic signal processing, and the biological mechanisms of cancer that may be activated by nutrition-related factors. No teaching duties are required. Each participant will be mentored by a multidisciplinary team of experienced researchers from Statistics, Electrical Engineering, Nutrition and Biochemistry and will be provided with excellent computing support. Applicants should have a Ph.D. in a quantitatively oriented discipline, such as statistics, electrical engineering and applied mathematics. Both recent and established investigators are invited to apply. Funding is restricted to U.S. citizens and permanent residents. Stipends are competitive with initial tenure-track positions in statistics. Interested applicants should send a vita and three letters of reference (for new or recent Ph.D.s) by January 15, 2004 to:

Tailen Hsing, Department of Statistics, Texas A&M University, College Station TX 77843-3143. [tshing@stat.tamu.edu](mailto:tshing@stat.tamu.edu)  
AA/EOE

**USA: Wisconsin****University of Wisconsin-Milwaukee**

The Department of Mathematical Sciences anticipates an Associate or Assistant Professorship in statistics starting 08/2004, pending budgetary approval.

Responsibilities include: dissertation supervision, consulting, course development. Strong research and extramural funding potential, demonstrated commitment to teaching excellence essential.

Send AMS Standard Cover Sheet, vita, research plan, teaching philosophy, and 3 letters of recommendation (one about teaching) to: Chairperson, Department of Mathematical Sciences, UWM, P.O. Box 413, Milwaukee, WI 53201. Review of applications begins 11/01/03, continuing until the position is filled.

<http://www.uwm.edu/Dept/Math>

UWM is an EEO/AA Employer.  
Applications from women and minority candidates are strongly encouraged.

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*If you have a position to advertise, the deadline for next issue (November/December 2003) is November 1. See the panel 'Information for Advertisers', inside the back cover.*

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# 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)

## 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/phystat2003>

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: Ovornnaz, 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/>

 28: Washington DC Statistics of Optimal Dosing. **w** <http://www.henrystewart.com>


 31: Philadelphia area 11th Merck-Temple Conference on Research Topics in Biopharmaceutical Statistics. **w** <http://www.sbm.temple.edu/~biostat>


## 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/>

 10–14: Melbourne, Australia. Monte Carlo in Complex Systems. **w** <http://www.complex.org.au>

 20–21: CUNY Graduate Center, New York. First Northeast Probability Seminar. **w** <http://www.math.csi.cuny.edu/probability/NortheastProbabilitySeminar/>

  22: Worcester Polytechnic Institute, Massachusetts. IMS Mini-meeting: Statistics and Sports **w** <http://www.wpi.edu/~swift/sports/>

## December 2003


18–20: 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>


  20–21: Santiniketan, India. Mini-meeting on Statistics in Social Science and Agricultural Research. Organizer: Debasis Bhattacharya [debasus@yahoo.com](mailto:debasus@yahoo.com) **w** <http://www.minimeeting.tripod.com>


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

## 2004:

### January 2004

 2–31: Institute for Mathematical Sciences, Singapore. Program on Statistical Arrays in Microarray Analysis **w** <http://www.ims.nus.edu.sg/Programs/microarray/index.htm>

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



 8–10: University of Florida. Sixth Annual Winter Workshop: Data Mining, Statistical Learning and Bioinformatics. **w** <http://www.stat.ufl.edu/symposium/2004/dmbio>


*Continued on next page...*


# International Calendar continued


## 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 **w** <http://imerl/fing.edu.uy/clapem>


 23–26: Karlsruhe, Germany. **Sixth German Open Conference on Probability and Statistics.** **w** [http://www.stoch2004.uni-karlsruhe.de/stoch2004/index\\_en.html](http://www.stoch2004.uni-karlsruhe.de/stoch2004/index_en.html)


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



## April 2004

 5–7: Bristol, UK. **Young Statisticians Meeting** **w** <http://www2.maths.bris.ac.uk/YSM2004>

## May 2004

 10–11: Boston, MA. **Conference on the Analysis of Genomic Data.** **e** [meiling@channing.harvard.edu](mailto:meiling@channing.harvard.edu) **w** <http://www.amstat.org/chapters/boston/genomic.html>

 19–22: Rice University, Houston, TX. **2nd Lehmann Symposium.** **w** <http://www.stat.rice.edu/lehmann>

  20–24: Vancouver, Canada. **Seminar on Stochastic Processes 2004** **w** <http://www.pims.math.ca/science/2004/ssp>

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](mailto: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@mcmail.cis.mcmaster.ca](mailto:bala@mcmail.cis.mcmaster.ca), Prof. Enrique Castillo [castie@unican.es](mailto:castie@unican.es), Prof. Jose-Maria Sarabia [sarabiaj@unican.es](mailto:sarabiaj@unican.es)

  20–23: Albuquerque, New Mexico. **WNAR Western Regional Program** Chair Jason Fine [jfine@biostat.wisc.edu](mailto:jfine@biostat.wisc.edu)

 23–25: Nantes, France. **International Conference on Statistics in Health Sciences.** **w** <http://www.sante.univ-nantes.fr/STAT>

## July 2004

 4–7: Sydney, Australia. **24th International Symposium on Forecasting** **w** <http://www.isf2004.org>

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

11–16: Cairns, Australia. **International Biometrics Conference 2004 and 2004 Australian Statistical Conference** **w** <http://www.ozaccomm.com.au/cairns2004>

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>

  17–24: Snowbird, Utah. **Joint Summer Research Conferences IMS/AMS/ SIAM sponsored** **e** [r.vitale@uconn.edu](mailto:r.vitale@uconn.edu)

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

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

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

## August 2004



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



23–27: Charles University, Prague,

Czech Republic. **Compstat2004**. **w** <http://www.compstat2004.cuni.cz>

## December 2004



29–1 January 2005: Birla Science

Museum, Hyderabad, India. **International**

**Conference on the Future of Statistical**

**Theory, Practice and Education**.

**e** crr1@psu.edu **w** <http://www.stat.ohio-state.edu/~hnn/hydstatconf.html>

## 2005:

### June 2005

12–15: Saskatoon, Canada. **SSC2005:**

**Annual Meeting of the Statistical Society**

**of Canada**. **e** bickis@math.usask.ca

## 2006:

### July 2006



3–6: Auckland, New Zealand.

**Australian Statistics Conference & New**

**Zealand Statistical Association Conference**.

David Scott **e** d.scott@auckland.ac.nz

*All these meetings are also listed on  
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IMS website, at  
<http://www.imstat.org/meetings>*

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