# Bulletin 

January/February 2008

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## Why the IMS?

Jim Pitman, IMS Past-President, writes: This issue features a set of articles about IMS membership, to provoke you to ask why you should belong to the IMS, and suggest how you might persuade others to join. Thanks to Lancelot James, Past Chair of the IMS Membership Committee, for engaging the authors of these articles.

So why do I belong to the IMS and want others to join too? Because I share the IMS goal: "to foster the development and dissemination of the theory and applications of statistics and probability". And among many organizations with this goal, the IMS stands out as the most responsive to creative suggestions about how to achieve it. My thinking about the IMS has been influenced by the book Living Networks (Ross Dawson, Prentice Hall, 2002): see http://www.livingnetworksbook.com/contents.php. The IMS is a living network, increasingly connected to the broader scientific network, which Jerzy Neyman used to toast as "The International Scientific Community". As Dawson argues persuasively, successful networks rely on a process of positive feedback to perpetuate themselves and achieve their purposes. Historically, that feedback loop for the IMS was provided largely by the journals: bimonthly packages of the latest research articles were enough to keep members engaged and contributing as authors, editors, and referees. Conferences were also important, and will continue to be.

But the feedback effect of the journals is now greatly diminished. The journals are available to anyone at a university with a library subscription, and individual articles can be found via arXiv by anyone with an internet connection. That achieves marvelously the goal of dissemination of knowledge, but it reduces the incentive for IMS journal readers to belong to the IMS.

How then to provide the feedback necessary to sustain the IMS network? The IMS is addressing this issue by developing new membership services that emphasise the role of IMS members as contributors, as well as consumers, of professional information. So in addition to its traditional activities, the IMS is now:

- encouraging members to create and participate in subject- and region-specific groups, using modern communication tools (email services, web spaces, etc.) to signal their interests, and engage others with similar interests;
- encouraging members to assemble and display various kinds of professional information, such as biographies, personal and subject bibliographies, glossary and encyclopedia items, in a way that can be machine-read for enhancement of Current Index to Statistics (CIS);
- planning to rejuvenate CIS, and use it to provide members with personalized, professional information services.
With your interest and support, these services can be fully operational sooner rather than later. You can help with their development (just email me to find out how). If you have other ideas how to promote IMS membership, please send those along too.

Finally, please support the IMS in the meantime by recruiting new members, individual and organizational, and checking that your library subscribes to all IMS journals.

You can read the membership articles on Pages 6 to 8

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# IMS Members' News 

## Statisticians in the IPCC, a 2007 Nobel Peace Prize Awardee

In the past, a small number of statisticians have been awarded Nobel Prizes in economics. This year, a group of statisticians are honored by the Nobel Peace Prize. Peter Guttorp, Professor in the Department of Statistics at the University of Washington, writes: The 2007 Nobel Peace Prize, awarded by the Norwegian Nobel committee, went to former US Vice President Albert Gore, and to the Intergovernmental Panel on Climate Change (IPCC). "This is an honour that goes to all the scientists and authors who have contributed to the work of the IPCC, which alone has resulted in enormous prestige for this organization and the remarkable effectiveness of the message that it contains" says Mr. Rajendra Pachauri, the Chairman of the IPCC. The IPCC has headquarters in Geneva. It was established in 1988 by the United Nations Environment Programme and the World Meteorological Organization. The main product of IPCC is its Assessments of Climate Change, the fourth of which (Climate Change 2007) was recently published.

The assessments result from contributions written by hundreds of scientists. Various articles are written especially for the IPCC. These are edited and put together by section editors, carefully peer-reviewed and discussed in public meetings. The executive summaries of the assessments are analyzed line-by-line by representatives of over ioo governments. The resulting assessment is as close as one can possibly get to a consensus of the scientific community.

Are there any statisticians involved in IPCC? Yes, but only a few. The most prominent is Canadian statistical climatologist Francis Zwiers of Environment Canada in Toronto. He has participated as reviewer, contributing author, lead author or coordinating lead author in all four assessments. There are other contributors and reviewers in the international statistical community: IMS members Mark Berliner (Ohio State), Peter Bloomfield (North Carolina State), David Brillinger (UC Berkeley), Reinhard Furrer (Colorado School of Mines), Peter Guttorp (University of Washington), and Richard Katz (National Center for Atmospheric Research). Other participants include Knut Alfsen, K. Brekke, Torsten Bye, Tom Regel Heggedal and Knut Einar Rosendahl from Statistics Norway, Ricardo De Lauretis and Daniela Romano (APAT, Italy), Jim Hughes (University of Washington), Robert Kaufmann (Boston University), Riita Pipatti (Statistics Finland), Andrew Solow (Woods Hole Institute), Dennis Trewin (Australian Bureau of Statistics), Claudia Tebaldi (Rand Corporationh) and Angelica Tudini (ISTAT, Italy).

At a recent workshop organized by the American Statistical Association in Boulder, Colorado, climatologists and statisticians discussed how statisticians can contribute to climate change research. There are some extremely intriguing, and highly statistical, issues, such as

- How can one assess whether a given weather event is due to climate change?
- How does one estimate historical sea surface temperatures from sparse data mainly obtained from ships travelling only shipping lanes?
- How does one combine different kinds of measurements of weather phenomena, when instruments change, locations are moved, or a rural site becomes highly urbanized with time.
The issue of climate change is real. There are huge data sets available, and some intriguing methodological problems. The answers to these problems will seriously affect the lives of our children and grandchildren. Let's get more involved!


## IMS News

## Managing Editor news

The two roles of Managing Editor for Statistics and Managing Editor for Probability have been made one. Michael Phelan will continue to serve in this combined role until the end of 2009. We extend thanks to Paul Shaman for his service as Managing Editor, Statistics. Paul was awarded the 2004 Carver Medal. Writing about him in the January/February 2005 Bulletin, Stephen Fienberg said, "IMS's Managing Editors are among our unsung heroes. They provide copy-edited and other systematic review of manuscripts as they move towards publication. Managing Editors work with the Production Editor, examining and correcting page proofs. As part of this process the Managing Editors and the Production Editor often deal directly with authors regarding last-minute changes, references, and other such matters. Paul Shaman served as Managing Editor for all of the IMS journals from 1986 to 1989. This position was then split into two, one for statistics and one for probability. During this period he assisted with the startup of Statistical Science and he also oversaw the NSF-CBMS Regional Conference Series in Probability and Statistics on behalf of IMS. He kept the probability portfolio for two years after the split until I99I. And he is now completing a return engagement as Managing Editor for Statistics, 2002-2004 [since extended to 2007]. We owe much to Paul for this service."

Paul Shaman (left) with Jim Pitman at JSM2007


Jianqing Fan, President of the IMS, writes: December 2007 marks the tenth anniversary of Elyse Gustafson as the Executive Director of the Institute of Mathematical Statistics. Under her directorship, the IMS membership has grown from approximately 3200 to 4400 , and our publications from four core journals, to five core journals plus two supported journals, six co-sponsored electronic journals, and two affiliated journals. The success of the IMS as a premier academic society owes much to Elyse's dedicated and conscientious service, especially her willingness to consider new ideas and directions. She is pivotal in making the IMS a light, agile organization, much better positioned to respond
 to the changing economic, demographic, and technical environment than larger societies with a heavier administrative structure. Each of the past ten Presidents cherishes her dedicated support and insightful advice, and so do many other IMS members. On behalf of the Executive Committee, I thank Elyse for her dedicated service, and sincerely hope that she will be at the heart of the IMS for many more years to come!

## IMS Editors

IMS Journals and Publif ations
Annals ofStatistics: Susan Murphy \& Bernard Silverman
http://imstat.org/aos/
Annals of Applied Statistics: Bradley Efron, Stephen Fienberg, Michael Newton \& Michael Stein http://imstat.org/aoas/
Annals of Probability: Gregory Lawler http://imstat.org/aop/
Annals of Applied Probability: Edward Waymire http://imstat.org/aap/
Statistical Science: Edward George http://imstat.org/sts/
IMS Lecture Notes - Monograph Series: Anthony Davison http://imstat.org/publications/lecnotes.htm
NSF-CBMS Regional Conference Series in Probability and Statistics: http://imstat.org/publications/nsf.htm

MS Co-sponsored Journak and Publications
Electronic Journal of Statistics: Larry Wasserman http://imstat.org/ejs/
Electronic Journal of Probability: Andreas Greven http://www.math.washington.edu/~ejpecp/
Electronic Communications in Probability: David Nualart http://www.math.washington.edu/~ejpecp /ECP/index.php
Current Index to Statistics: George Styan http://www.statindex.org
Journal of Computational and Graphical Statistics: David van Dyk http://www.amstat.org/publications/jcgs/
Statistics Surveys: Jon Wellner http://imstat.org/ss/
Probability Surveys: David Aldous http://imstat.org/ps/

IMS Supported Journals
Bernoulli: Holger Rootzén http://isi.cbs.nl/bernoulli/
Annales de I'Institut Henri Poincaré (B): Alice Guionnet http://imstat.org/aihp/

MS Affiliated Journals
ALEA: Latin American Journal of Probability and Statistics: Claudio Landim http://alea.impa.br/english/
Probability and Mathematical Statistics: W. Szczotka, A. Weron \& W.A. Woyczyński http://www.math.uni.wroc.pl/~pms/

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## More IMS Members' News

## Jonathan Taylor and Jozsef Solymosi receive CRM 2008 André-Aisenstadt Prize

Montréal's Centre de recherches mathématiques (CRM) awards the André-Aisenstadt Mathematics Prize to talented young Canadian mathematicians. The prize, which recognizes outstanding research achievement by a young Canadian mathematician in pure or applied mathematics, consists of a $\$ 3,000$ award and a medal. See http://www.crm.umontreal.ca/prix/prixAndreAisenstadt/prix_AA_an.shtml.

The recipients of the 2008 André-Aisenstadt Prize are Jozsef Solymosi (University of British Columbia) and IMS member Jonathan Taylor (Université de Montréal). This year, the organizers say, the competition was harder than ever-the committee recognized the beauty, impact and splendid originality of the results of both Solymosi and Taylor. Concerning Solymosi's works, each member of the selection committee was struck by the extraordinary efficiency and elegance of his results at the cutting edge of a new field, additive combinatorics (sometimes called arithmetic combinatorics). They appreciated the simplicity and deep insight in each of his works. In Taylor's work, the committee was impressed by the exceptional breath of expertise in probability, geometry and statistics - although the committee only took into consideration the mathematical aspects of his works, this was already enough to award the Prize to Taylor with enthusiasm.

## Last chance for Laha, Carver, Fellowship

## IMS Laha Travel Awards

http://www.imstat.org/awards/laha.html
Deadline: February 1, 2008
With funds from a generous bequest by the late Professor Radha Govind Laha, IMS has established the Laha Awards to provide funds for travel to present a paper at the 2008 IMS Annual Meeting, held in conjunction with the 7th Bernoulli World Congress in Singapore, July 14-19, 2008.

Eligibility: First priority to students, second priority to New Researchers within 2 years of PhD 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.

Amount: Grants per award provided to Laha awardees have been typically around US $\$ 500$. The actual amount of an award depends on the travel distance to the IMS statistical meeting. Grants will be reimbursed against receipts and may be combined with other sources of funding.

For details on eligibility, amounts and how to apply, please see the website above.

## Harry C Carver Medal

http://www.imstat.org/awards/carver.html
Deadline: February 1, 2008
Nominations are invited for the Carver Medal created by the IMS in honor of Harry C. Carver, Founding Editor of the Annals of
 Mathematical Statistics and one of the founders of the IMS. The medal is for exceptional service specifically to the IMS and is open to any member of the IMS who has not previously been elected President. Not more than one award shall be made each year.

The medal will be awarded at a ceremony during the next IMS Annual Meeting in Singapore (see left). For details on how to nominate, please see the website above.

## IMS Fellowship nomination

http://www.imstat.org/awards/fellows.htm
Deadline: January 31, 2008
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 either
(I) 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 I of the year preceding their nomination, and should have been members of the IMS for at least two years. For details on how to nominate, please see the website above. Please also read the supporting information on the website, and pass on the information to letter-writers. Letters are expected to explicitly address the above IMS criteria for fellowship.

## Grant News

## NSF Program in Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences

An updated National Science Foundation (NSF) program solicitation is now available: Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences (UBM). Please see http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12207 for details.
Due date for proposals: February 21, 2008

## Synopsis of Program:

The goal of the Undergraduate Biology and Mathematics (UBM) activity is to enhance undergraduate education and training at the intersection of the biological and mathematical sciences and to better prepare undergraduate biology or mathematics students to pursue graduate study and careers in fields that integrate the mathematical and biological sciences.

The core of the activity is jointly-conducted long-term research experiences for interdisciplinary balanced teams of at least two undergraduates from departments in the biological and mathematical sciences.

Projects should focus on research at the intersection of the mathematical and biological sciences. Projects should provide students exposure to contemporary mathematics and biology, addressed with modern research tools and methods. That is, projects must be genuine research experiences rather than rehearsals of research methods. Projects must involve students from both areas in collaborative research experiences and include joint mentorship by faculty in both fields. In addition, it is expected that projects will strengthen the research and education capacity, infrastructure, and
culture of the participating institutions.
To this end, projects should create models for education in the mathematical and biological sciences and influence the direction of academic programs for a broad range of students. It is expected that project leadership will come from faculty in both the mathematical and biological sciences. UBM is a joint effort of the Education and Human Resources (EHR), Biological Sciences (BIO), and Mathematical and Physical Sciences (MPS) Directorates at the National Science Foundation (NSF).

## NSF Funding for Graduate Student Attendance at Isaac Newton Institute Workshops

The Isaac Newton Institute for Mathematical Sciences at Cambridge, UK, is hosting a six-month research program on "Statistical Methods for Complex, High-Dimensional Data" from January through June, 2008. The program is attracting some of the leading researchers in statistics, computer science, and computational biology. See www.newton.cam.ac.uk/programmes/SCH/ for more details on the program and the participants.

As part of that program there will be a workshop on "High Dimensional Statistics in Biology" from March 3I through April 4, and a closing workshop on "Future Directions in High-Dimensional Data Analysis" from June 23-27. The National Science Foundation has provided funds to enable ten senior graduate students at US institutions to attend one of those workshops.

Awards will be determined by a committee consisting of Sara van de Geer (chair), David Banks, Peter Bickel, and Ann Lee. The deadline for receiving applications is January 7, 2008. Interested students should send an application packet that contains:

- A letter of recommendation from their advisor or department chair (that letter should indicate the applicant's gender and minority status).
- The curriculum vitae of the applicant.
- If the applicant would like to submit a poster for possible presentation at the workshop, please include a title and abstract.
- An indication of which workshop the applicant would like to attend (this will not be used for selection).

All applications should be sent electronically to both Sara van de Geer (geer@stat.math. ethz.ch) and David Banks (banks@stat.duke.edu).


## Special Issue: Some thoughts on Membership

As Jim Pitman's cover article explained, Lancelot James, chairing the ad-hoc IMS Committee on Membership, asked four new and long-standing IMS members for their thoughts on the subject of membership. Per Mykland can think of two main reasons to join IMS; Pierpaolo De Blasi reflects on his personal experience of joining IMS; Sasha Gnedin writes about the impact of the IMS Groups initiative; and Jayanta K. Ghosh (on page 8) is wondering what we can do to get more young members. Terry Speed's regular column (p13) is also on the subject of membership. We are interested in hearing from more IMS members, so if you have something to say, why not write us a letter? Email it to bulletin@imstat.org.


## $\operatorname{Per}$ Mykland, University of Chicago

## Two reasons to join

The IMS is an organization that grows on you. When you first join, perhaps as a student or a young faculty member, it seems like a faceless entity, which is mainly concerned with publishing journals. Over time, as you get to know people, as you go to conferences, maybe sit on an IMS committee or the Council, it becomes a kind of extended family.

So I think there are two reasons to join the IMS. One is to support the journals. They are among the best in statistics, and it is valuable to keep them in independent, non-commercial hands. Because of the easy electronic accessibility, there is now less income from subscriptions. We need, as a community, to find ways of keeping our flagship journals financially viable, and by joining the IMS, you help keep them going.

The other reason, the IMS-as-family, takes longer to discover, and a bigger investment in going to conferences. What you gradually find is that this is really a small community, and it is worth belonging to. There are few people in the world who work on "mathematical statistics", or probability, and most people find themselves in small departments. And even in statistics departments, research interests can vary substantially. It is easy to feel isolated. This is where the IMS provides a forum for people to get together.

This is not only a matter of academic exchange, but also of mutual personal support. One of the things that strikes me about the IMS is that it is a sufficiently small group that it is possible to be quite open and personal, and I think this reinforces good-natured interactions.

I am writing this from the perspective of someone working in the United States. The relevance of the IMS may be different in other parts of the world. What I am saying applies to the Bernoulli Society as well. It is encouraging that these two organizations are learning to cooperate and share resources. I hope this trend will continue.

I don't know where math stat is going. In some moments, I think most of us are drifting off, to genetics, to computer science, to biostat, to neural science, to econometrics, you name it. I see for myself that I go as much to finance and econometrics meetings as I do to stat meetings. To some extent, this is desirable; we gain more meaning for our work by having better contact with applications. But I hope we also gain new and interesting angles on statistics as such, and that we are not losing mathematical statistics in the middle of all the applications. This is because I like math stat research, because I think there is a common core, because I enjoy the interactions with statisticians who work on other applications, and because I like the people in our field.

So let's try to keep mathematical statistics alive. I think both we and the rest of the world would be worse off without it. The IMS and the Bernoulli Society are our meeting places, and being a member means both helping and benefiting from our little community.


## Pierpaolo De Blasi, University of Turin

## Personal experience

I joined IMS last January and recently renewed my membership for 2008 as a Second Year Graduate. As a young and non-
American member I was invited by Professor James to give my perspective on being member of IMS, which I gladly accepted.

So how did I decide to join IMS? I have to admit there was no particular motivation behind it: it was rather a colleague and friend of mine that suggested I should join IMS. I did not argue against it: the membership fee is not particularly expensive and there is no requirement to order hard copies of IMS journals (which I would not need, having electronic access through my university). On the other hand, membership is convenient for participating in IMS meetings like the Joint Statistical Meeting, which I was planning to attend some months later. My colleague also convinced me by saying that, as a member, I could apply for the Laha Travel Award which provides travel funds for presenting a talk at the IMS Annual Meeting: I applied, and attended JSM in Salt Lake City in the summer.

In other words, I did not give much importance to IMS membership at that time, mostly because I did not have a clear idea of IMS, except that it was the publisher of the top journals in statistics and probability.

Reading journals is of course very important for me and I have learnt, and continue to learn, much from reading papers published in IMS journals. I simply was not aware of the broader scope of the institution.

It was at the JSM in Salt Lake City that I realized the importance of my decision to join. I was particularly impressed by Professor Pitman's Presidential Address about open access to professional information. Professor Pitman explained how commercial publishers are progressively taking control of all the statistical journals, penalizing small publishers, small libraries and the academic community. Institutions like the IMS suffer from the aggressive commercial policy of these big publishers and can hardly survive if the scientific community passively accepts this trend. I completely share his enthusiasm for open access as freedom for the academic community from commercial control. Therefore I was happy to realize that, by joining IMS, I had become part of a community promoting open access.

Overall, I had a very good impression of the IMS during the JSM. I was honored to be selected for the Laha Travel Award and I got a true feeling of affiliation to the institution during the award ceremony. This has reduced somehow the distance I previously felt towards IMS, since IMS was taking care of young people who had just graduated.

I believe that IMS meetings are a good way of attracting young researchers to join IMS, and that senior professors should encourage students and young researchers to participate in them and to become members, as my colleague did to me.

Moreover, I think the open access policy is an issue young people are very sensitive to and IMS should continue spreading this view. For instance, when I try to download a paper and the publisher does not allow me to get it, I simply become angry: the paper is just a 'click' away, but the commercial publisher prevents me from reading it. The perception of this issue, especially among young researchers, has completely changed over the last few years: it does not feel like the University library not having subscription to that particular journal, it really reveals itself as a key point about freedom of science.

## -Alexander (Sasha) Gnedin University of Utrecht

## IMS membership and IMS Groups

The following lines aim to exemplify how IMS membership may have impact on a national scale.

The Dutch Stochastics Group is an informal organisation of people interested in stochastics. The group has about three hundred members and is joined by a mailing list with intensive traffic. Another major activity is the annual Stochastic Meeting in Lunteren.

Following an invitation by Jim Pitman, the Dutch Stochastics Group acquired the status of an IMS Group [http://www.imstat.org/groups/]. A condition for the status is that the list moderator must be a member of the IMS. This was satisfied when the Department of Mathematics of the University of Utrecht joined the IMS as an organizational member [http://www.imstat.org/membership/ organizations.htm].

The IMS provided a convenient technical platform for the mailing list. On behalf of the IMS, Stefano Iacus from the University of Milan in Italy, helped to set up the mailing list under the new platform and continues to help with its maintenance.


# Special Issue: More thoughts on Membership 



Fayanta K. Ghosh<br>Purdue University and<br>the Indian Statistical Institute

## Why Aren't There More Young Statisticians in the IMS?

I have accepted an invitation from Professor Lancelot James to write a few words about IMS membership, especially membership in countries like India. I don't usually go to IMS meetings any more: I only go to small, very focused mini-conferences in my areas of interest. I still have my journals sent to me at ISI Calcutta, but half those journals are lost in transit (through no fault of IMS, except for entrusting them to the Indian postal service. Nonetheless, I read what I get. I enjoy reading many of the articles in the Annals of Statistics and Statistical Science; I also learn from many of them. Learning, often from the young, is still a real pleasure. I'm pleased and excited by the overall quality. Certainly, my investment in IMS, in spite of my absence from IMS meetings, is still a good one. Why then are more young people not becoming members?

I decided to discuss with a bright young statistician from India, who lives in this country (the USA). I asked him doesn't he want to go to IMS meetings and read the IMS journals and build up his own library? Wouldn't that help in his research and make him aware of what's going on in theoretical statistics, as well as broader statistical issues?

I was quite stunned by his reply. His initial reaction was very clear: no, he doesn't want to join IMS: he gets all the access to journals he needs via JSTOR; he has a moving library on his laptop, everything he wants to read, including IMS journals, is immediately available. No, he doesn't want hard copies, which eat up paper and destroy trees, whole lots of them. No, he doesn't want a library of his own, since he hasn't settled down yet.

Moreover he had a grievance - which many young people, possibly wrongly, feel- of being neglected by the big societies, and a sense of mutual irrelevance. If he joined, he felt he would be just one more name in the list of members. If he didn't, what would it matter to the society? On the other hand, he feels he is much better off with small, specialized groups which meet regularly and interact mutually. The IMS is too big for him, he said, even though compared with the ASA, it's not big at all.

These arguments are not easy to set aside (also they have
nothing much to do with his being Indian). But I didn't give up. I pointed out that if IMS doesn't get enough new members, surely IMS can't survive and the journals would go to commercial publishers, not a good thing for the profession. This is what often happens in n-person games, where rational play by all the players can lead to mutual destruction. This appeal, not to his interests or gain, but rather his ethical sense, did have an effect. I seem to have won over at least one person who has promised to be a member.

Actually, there are other things that he didn't say but I'm aware of. It is quite common for young people to submit a paper to the better journals, where acceptance is known to have a small probability, and get rejected. That can't be avoided, but in the old days they got constructive letters. That doesn't seem to happen any more. Sometimes it is not even clear if both referees had read the paper at all carefully; moreover their letters can be quite rude. This is easy to correct by listing some advice on this in the form letter to referees.

In general, what can IMS do to attract today's young? This requires some discussion with the young people themselves and possibly in the Council. The easiest things to do would be to make them feel more wanted, have them do various things for the IMS, set up blogs or websites for special interest groups, and encourage small conferences under the IMS umbrella. The IMS has to reinvent itself to some extent in the age of Internet and high tech.

IMS still has an image of being a US society, but this is changing. There have been joint meetings with Bernoulli Society in Europe, South America, and next year in Singapore. These are good signs. Also, I have noticed the International Biometric Society is much more visible in India than the IMS. This could be because of more IBS focus on applied statistics, but it's not just that. IBS had ensured more interactions with Indian members.

These are matters for further thought. It's good that Lancelot has set people thinking on the problem.

## Other Awards: nominations and announcements

## Statistical Consulting Award Established

After careers filled with hard work, distinguished awards, and an unwavering appreciation for the field of statistics, Thomas Boardman and his wife, Eileen, have established the Thomas J. and Eileen C. Boardman Statistical Consulting Award in the Department of Statistics at Colorado State University. This award is given to a graduate student in pursuit of a master's or PhD degree in statistics. The award requires students to be in good academic standing and demonstrate an aptitude for providing statistical support to researchers in other disciplines.

The Boardmans' academic history lends a hand in understanding the passion they have for statistics and their generosity in giving a select student each year the opportunity to expand his/her statistical career. Thomas graduated from Rutgers


Thomas and Eileen Boardman University in 1968 with a PhD in applied and mathematical statistics. Among his honors and distinctions are being elected Fellow of the American Statistical Association and American Society for Quality (ASQ) and member of the International Statistical Institute. Further, he was the winner of the Ellis Ott Award from the ASQ Metro Section in 1997 and W. Edwards Deming Medal from ASQ in 1998. Eileen holds a master's degree in applied and mathematical statistics from Rutgers University and a PhD in mechanical engineering (industrial engineering option) from Colorado State University. Together, she and Thomas run an independent consulting practice named Boardman Associates and work on statistical and quality issues. Eileen's passion for statistics matches her husband's and played an integral part in forming this award.

To learn more about the Thomas J. and Eileen C. Boardman Statistical Consulting Award or the Statistics Department at Colorado State University, visit www.stat.colostate.edu. To make a gift to this scholarship, visit www.supportens.colostate.edu.

## ASA Section on Defense and National Security Award

The ASA's Section on Statistics in Defense and National Security plans to make an award at the 2008 Joint Statistical Meetings to recognize an outstanding accomplishment or sustained contribution at the intersection of the statistical profession and national defense. Any member of the section is allowed to nominate. A nomination should include a short description of the basis for the award, contact information for both the nominator and the nominee, and suggested text for the certificate. This recognition does not include a financial award. Electronic nominations are preferred and may be emailed to aparna@lanl.gov. The deadline for nomination is March 21, 2008. Please refer questions to Dr Aparna V. Huzurbazar (see email above). The awards committee consists of Aparna V. Huzurbazar (Los Alamos National Laboratory), Myron Katzoff (Centers for Disease Control), and Max Morris (Iowa State University).

## 2008 Mortimer <br> Spiegelman Award: <br> Call for Nominations

The Statistics
Section of the

## New joint membership deal for IMS and ISBA

We are pleased to announce that IMS members can join (or renew) with ISBA, the International Society for Bayesian Analysis, at $\mathbf{2 5 \%}$ off the regular ISBA dues rate. The same deal applies for ISBA members wanting to join IMS: a $25 \%$ reduction. IMS members pay an extra $\$ 26$ for a year's ISBA membership. ISBA members pay US\$7I for a year's IMS membership. For all the IMS dues and subscription prices for individual members, see https:// www.imstat.org/secure/orders/IndMember. asp

15 BA INTERNATIONAL SOCIETY FOR BAYESIAN ANALYSIS

American Public Health Association invites nominations for the 2008 Mortimer Spiegelman Award, honoring a statistician, aged 40 or younger, who has made outstanding contributions to health statistics. Candidates for the 2008 Award must have been born in 1968 or later. Please submit a nominating letter, including a description of the candidate's contributions to public health and birthday, and the candidate's CV by April 1, 2008. Up to three supporting letters may be submitted.
2008 Spiegelman Award Committee, clo Rebecca Betensky, Chair, Department of Biostatistics, Harvard School of Public Health, 655 Huntington Ave, Boston, MA 021 IIs. betensky@hsph.harvard.edu

# Annual Survey: fifty years of Mathematical Sciences reports 

The Annual Survey of the Mathematical Sciences is directed by a joint committee of the AMS, ASA, IMS, MAA and SIAM. The 2006 Annual Survey represents the fiftieth in an annual series begun in 1957 by the American Mathematical Society. The 2006 Annual Survey Second and Third Reports have been published in the Notices of the American Mathematical Society. Full copies of all reports published since 1996 are available at http://www.ams. org/employment/surveyreports.html.

## 2006 Second Report

The second report updates the first report with additional data (66 additional new PhD recipients in 2005-2006), as well as providing information from a survey of the new PhD recipients. Some highlights are shown below.

There were I3 II new doctoral recipients in the Mathematical Sciences from US universities in 2005-06. This is the highest number of new PhDs ever reported. Probability, Statistics and Biostatistics doctorates continue to form the largest group, with 442 ( $34 \%$ ). The next largest group is Algebra and Number Theory, with 190 new PhDs . In this summary, we focus on the new data reported from the Employment Experiences of New Doctoral Recipients (EENDR) survey. These data are not broken down by field of study, so we report on the figures as a whole, with no separate discussion for statistics.

1209 of the 1245 recipients from the first report had known addresses. These were sent the EENDR survey in October of 2006; 660 responded. As might be expected, response rates differed according to type of employment. The highest response rate was among those employed in US academic institutions. The lowest response rate was among those employed in non-US, non-academic institutions ( $63 \%$ for the former versus $45 \%$ for the latter). The percentage of individuals taking permanent positions fell from $56 \%$ in 2005 to $51 \%$ in 2006; correspondingly, the proportion taking temporary jobs increased from $44 \%$ in 2005 to $49 \%$ in Fall 2006, the highest reported in several years. Of the 274 in temporary jobs, 98 reported that they could not find a suitable permanent position.

Among those employed in the US in permanent positions, the percentages employed in academic positions continued to decline, from $72 \%$ in Fall 2004 to 68\% in Fall 2005, to 66\% in Fall 2006. Among those with permanent positions the proportion in business, industry and government therefore continued to rise, from $28 \%$ in Fall 2004, to 32\% in Fall 2005, to 34\% in Fall 2006. Of the 274 individuals with temporary employment in the US, $93 \%$ this year were in academia, somewhat less than last year's figure.

Women held $39 \%$ of the permanent positions.

The final unemployment rate for 2005-2006 recipients was $3.3 \%$, the lowest since 2002.

The median age of new doctoral recipients was 30 years, while the mean was 32 years, in line with the findings from previous years.

## 2006 Third Report

The third report features profiles of faculty and graduate students, and of enrollment and degrees awarded. Some highlights:

The number of non-doctoral full-time faculty in mathematics departments (not including statistics) is estimated at 4,107, up slightly from last year. The estimated number of part-time faculty is 6,543 , about the same as last year. The number of full-time doctoral non-tenure-track faculty increased again this year, albeit slightly. In statistics departments, the number of non-doctoral full-time faculty is estimated at $6_{3}$, the estimated number of part-time faculty is 201, and the number of full-time doctoral non-tenure-track faculty is 402 . The latter is a considerable increase over last year, and is due to an increase in postdoctoral appointments.

Female faculty make up from $13 \%$ to $33 \%$ of the full-time faculty in the various types of mathematics departments. The lowest proportions are in the "Group I private and public" institutions. These are the 48 doctoral-granting departments with the highest rankings of the scholarly quality of their faculty. The highest proportions of female faculty are in the "Group M" and "Group B" institutions, which contain departments granting a master's or a bachelor's degree, respectively, as the highest degree. In statistics, $28 \%$ of full-time faculty is female, a higher proportion than in any of the doctoral granting mathematics departments.

In terms of faculty recruitment, the situation continued to improve. Of the 1,798 full-time positions, 1,23 I were tenure-track or tenured, an increase of $5 \%$ over the previous year. Of the 1,798 positions, $\mathrm{I}, 595$ were open to new PhDs , and of the $\mathrm{I}, 595$ open to new PhDs , 1073 were tenured or tenure-track, an increase of I I\% over last year. That is, there were more full-time jobs available, more tenure-accruing positions available, and more options open to new PhDs , all positive trends. In statistics, the number of tenuretrack positions open to new doctoral recipients decreased from 115 last year to 104 in 2006. Women were $42 \%$ of the new doctoral tenure-track hires in statistics, compared to $40 \%$ last year and $51 \%$ the previous year.

In mathematics departments as a whole, total undergraduate course enrollments have remained more or less steady from 1999 through 2006. In statistics, the peak of undergraduate enrollment was in 1999, followed by a sharp drop in 2000, and another
in 2003, but staying more or less stable after that. 2006 saw an increase in the number of enrollments. Graduate enrollments in statistics increased steadily from 1999 to 2003, and then remained more or less constant; the enrollments in mathematics departments tended to be more variable. Across all the mathematical sciences, including statistics, the undergraduate enrollments per faculty member have been on a decreasing trend since 1999.

Approximately $40 \%$ of undergraduate degrees awarded last year in statistics were awarded to women. This is comparable to the percentage of undergraduate degrees awarded to women in mathematics departments. About half of the master's degrees awarded in statistics last year were to women, compared to $42 \%$ in mathematics departments.

The estimated number of full-time graduate students in mathematics departments increased from 13,068 in fall 2005, to 14,496 in fall 2006. Overall in the doctoral granting mathematics departments, the numbers of full-time graduate students, of full-time graduate students who are in their first year, of full-time graduate students that are female, of full-time graduate students who are US citizens and of full-time graduate students that are US citizens and in their first year were up or stable.

The percentage of full-time graduate students who are US citizens was $60 \%$ in mathematics, but only $38 \%$ in statistics. On the other hand, the percentage of full-time graduate students who are women was $32 \%$ in mathematics, and $47 \%$ in statistics.

## About the AMS-ASA-IMS-MAA-SIAM Data Committee

The AMS-ASA-IMS-MAA-SIAM Data Committee gives advice to staff at AMS about annual data gathering from U.S. Departments in the Mathematical Sciences. These data are analyzed and published in three reports in Notices of the AMS. This data gathering was started by AMS in 1957 and has continued uninterrupted since that time. The MAA joined this effort in 1989 and in more recent times IMS and then ASA have become sponsors of these data gathering efforts. Staff at AMS, under the Associate Executive Director for Meetings and Professional Services, provides support for the work of the Data Committee. The Chair of the Data Committee and appropriate personnel at AMS write three reports each year for the annual surveys that are published in Notices of the AMS.

First Report. Each calendar year the data gathering begins in April. Doctoral-granting departments in the Mathematical Sciences in the USA are asked to report a variety of information about their new doctoral recipients from July i the previous year through June 30 of the current year. The departments are asked for names of their new doctoral recipients, dissertation titles, addresses, citizen-
ship, current employment status, etc. Another questionnaire is sent to Mathematical Sciences departments in all 4-year colleges and universities in the U.S. asking them to provide salary information for all tenured or tenure-track faculty in their department for the upcoming academic year. This information is reported by group and by rank. Information gathered is published as the First Report and in recent years this First Report has been published in the February issue of Notices of the $A M S$. Names of the new doctoral recipients and their dissertation titles are published in this same issue of the Notices.

Second Report. Each October, further information is gathered about new doctoral recipients. Using the names and addresses of new doctoral recipients provided earlier by departments granting the degrees, a questionnaire is sent to each new doctoral recipient asking for their current employment status, salary, gender, etc. This information is used to update the results given in the First Report for new doctoral recipients as well as to give information about their starting salaries. This information is published as the Second Report, typically in the August issue of Notices of the AMS.

Third Report. In September, another questionnaire is sent to all departments of Mathematical Sciences in Groups I, II, III, IV, and $V$, and to a stratified random sample of departments in each of Groups $M$ and B. It asks them for details about number and type of faculty, enrollments in courses by broad categories, number of junior/senior majors, number and type of graduate students in departments with graduate programs, etc. Information from this questionnaire provides a departmental profile for each department. The combined results are published as the Third Report in the September or later issue of Notices of the AMS.

Other activities. The Annual Survey Data Committee also offers guidance on the data gathered and published annually as a guidebook for prospective graduate students in the Mathematical Sciences. This guidebook is titled "Assistantships and Graduate Fellowships in the Mathematical Sciences". At times the committee advises other groups contemplating gathering data from departments of Mathematical Sciences. This may include informing them that such data is already available and steering them to it. When asked, the committee makes suggestions on questionnaires that other groups are planning to use to gather data. From time to time departments ask for salary information for a peer group of their department. The staff at AMS provides this information whenever an appropriate peer group is available and the confidentiality of individual department responses can be assured.

The committee currently has a six-hour meeting at the Joint Meetings in January each year.

## Obituary: Anders Hald

## 1913-2007

Professor Anders Hald was a central figure in establishing mathematical statistics in Denmark through his teaching, textbooks and organization. He was instrumental in introducing and implementing Fisherian statistics into Denmark. He took part in the structural development of European collaboration in statistics within and outside of the IMS. After retirement, he contributed an impressive series of careful readings of classical historical texts in statistics.

Anders Hald was born in 19I3 in Jutland, Denmark. He trained in actuarial science and statistics and graduated from the University of Copenhagen in 1939. As a student he had won the university gold medal for his prize paper 'Mathematical exposition of R.A. Fisher's theories'. In I948 he obtained a DPhil with dissertation on identifying a trend, seasonal variation, and noise in a time series. After graduating in 1939, Hald had various consulting jobs, including at the State Serum Institute in Copenhagen, (where he was assistant to G. Rasch, who had worked with Fisher in London). During the i940s Hald developed his detailed and well-documented textbook, Statistical Theory with Engineering Applications, with many carefully explained concrete examples from his own experience, and re-used by later textbook authors with less practical experience (Danish version 1948, English 1952, Russian 1956). In 1948 he succeeded H.C. Nybølle as professor of statistics in the Social Sciences faculty. As did many other European post-war scientists, he made an extended visit to the USA (Chicago, Berkeley, New York).

The Natural Sciences Faculty at the University of Copenhagen had no statistics programme or statistics department until Hald in 1960 accepted an invitation to assume a new chair in mathematical
statistics there. Hald spent the next years building up the special Danish brand of statistics based on a strong mathematical background, but always with concrete statistical consulting as an ultimate purpose of the programme. His detailed experience in university negotiation and the political trends in the I960s allowed the establishment of a department of mathematical statistics with I2 permanent posts at its height; then the recession of the late i970s turned the tide. Hald retired as department chair around 1971, and from his professorship in 1982.

Hald's research covered three separate themes. His gold medal paper and smaller contributions with Rasch aimed at further mathematical development of Fisher's theories. Of lasting importance is Hald's detailed development of Fisher's approach in his textbook and as basis for the programme in mathematical statistics in Copenhagen.

Hald had developed an interest in the I940s in sampling plans in industrial quality control, and in 1952-53 he taught Statistical Quality Control on a UN-supported program at several universities in India. His many obligations in teaching and administration in the i950s left little time for research, but in 1960 Hald published an important paper in Technometrics on the mixed binomial distribution and Bayesian sampling plans for alternative variation. Hald developed the area of attribute sampling plans in considerable detail in a series of journal articles over the next 20 years, culminating in a monograph in 1981.

Having contributed to the History of the University of Copenhagen on its 500 year anniversary in 1979, Hald (now in his late 6os) embarked on a series of studies of the history of statistics which were literally to occupy the rest of his life. These were published in three monographs (1990,


1998, 2007), and in journal articles, some of which were reprinted in the exposition of Thiele's major statistical works published by S. Lauritzen (2002). The emphasis is on scrupulous studies of the texts and detailed explanations of these in modern mathematical and verbal language.

Hald believed in establishing and maintaining a scientific network in statistics with international colleagues, and followed his own early travels by inviting researchers for short or long visits, and encouraging younger colleagues to travel. It was only natural for Hald to engage in the development of European collaboration in statistics. He organized the second European Meeting in Statistics in Copenhagen in 1963 and chaired the European Regional Committee for Statistics 1961-64. At that time, this was a committee under the IMS, which in 1960 had picked up the increasing need for a formal structure for the European activities in mathematical statistics. As chronicled in detail by J.F.Teugels in Bernoulli News 2000-0I, the committee later separated from the IMS to form one of the building blocks of the Bernoulli Society.

Hald received several honours, including honorary memberships of the Royal Statistical Society and the Danish Society of Theoretical Statistics. He was a member of the International Statistical Institute. In 1983 the Danish Technical University created him honorary doctor.

Professor Anders Hald died peacefully on November II, 2007.

Professor Niels Keiding University of Copenhagen

## Terence's Stuff: Don't Read This!

This month Terry<br>Speed makes his contribution to the special issue theme of Membership. Let's hope you've joined IMS already...



This column is not meant for you, dear IMS member. It's aimed at YOU, the non-IMS member, surreptitiously skimming an IMS member's copy of the Bulletin, or wasting your time surfing the web, or reading stuff pinned to your department's noticeboard. Haven't you got anything better to do? You could be writing a paper, which you could submit to one of the highly-regarded journals in the IMS stable. Yes, those journals, the Annalses, the ones produced as a labor of love by IMS's voluntary system of editors and associate editors who are all IMS members, those journals whose prices are kept amazingly low through IMS efficiency and voluntarism.

Not interested in writing a paper just now? Quite right! Far too much gets written these days. I agree that it's good to take a break from writing and to spend a little more time reading what's already written. The IMS is on your side here too. Not only is everything published in any IMS journal now freely available on the web, accessible any time from any place (with an internet connection!), the IMS is spending some of its member contributions helping other journals make their publications cheaper and more accessible. It is on the side of the angels in working towards better models for scholarly publishing, models which don't cripple library budgets, models which see access as more important than profits, models which benefit all, not just affluent institutions and nations.

Don't want to write or read stuff about statistics and probability? Believe me, I
know the feeling. It's a rat race, dog-eatdog, and sometimes I feel like a fish out of water. Perhaps like me, you just need to recharge your batteries, to travel to some exotic places, to meet a few new people, to sit and listen to an outstanding survey talk, painlessly learning about the latest research in your field. You can do all of this and more: it's called professional development, and we all need it. Just leave this page and turn to the pages giving notice of all the meetings in our field for the coming year or more. Perhaps you have trouble affording conference fees? Then focus the conferences organized by the IMS. Not only are they of the highest quality, they are also among the cheapest. The IMS doesn't use conference management companies, and they don't have an in-house conference organization, they simply make very effective use of their staff's expertise, temporarily supplemented by extra assistance as needed. Having a strong financial base derived from its members' subscriptions puts the IMS in an excellent position to deal with hotels and other providers, allowing it to take the risk that costs you dearly with most other conferences. Is there some other barrier to your attendance? Perhaps you have parental responsibilities, or your partner works in the same field, and when you both attend a meeting, one of you must miss out on talks to mind the children, while the other attends. If this is the case, you would like the idea of the IMS Child Care Initiative. Check it out.

What's that? You don't want to write a paper, read a journal or attend a conference, you want to organize your own meeting? Great idea! Not only do we need a steady supply of general "top down" meetings, we can always benefit from a variety of "bottom-up" conferences or workshops, conceived and organized by the people who can see the potential impact of a timely meeting
of specialists in their area. But you need seed money, expert advice on how to get started, publicity that reaches your intended audience, perhaps even a respected co-sponsor, to help you get going, and to support you as your meeting organization moves along. To whom can you turn? Building on its strong membership base, the IMS is in a unique position to assist its members to help further its aims, which (in case you have forgotten) are "to foster the development and dissemination of the theory and applications of statistics and probability," and the sponsoring or co-sponsoring of meetings is one of its important roles.

Now we're down to the hard core... and this includes you, right? You don't want to write, read, listen to others, or organize anything to do with probability and statistics. You're "mad as hell, and are not going to take it anymore". What you need is professional recognition. Get someone to nominate you for an IMS award or honor-better still, nominate someone else, and soon others will nominate you. Of course you need to be a member, but that's a small price to pay.

What's that? You don't want to belong to any club that will accept people like you as a member. I agree entirely. IMS, please accept my resignation.

So you've decided to join us? Select the most convenient method: securely online: https://www.imstat. org/secure/orders/IndMember.asp or contact the IMS Dues and Subscriptions Office directly: 9650 Rockville Pike, Suite L2407A, Bethesda, MD 208I4-3998, USA. t 1.301.634.7029; f i.301.634.7099 e staff@imstat.org

# Filming Distinguished Statisticians: nominate 

## A Call for Nominations for the Films of Distinguished Statisticians

Nitis Mukhopadhyay, University of Connecticut-Storrs, writes on behalf of the ASA Committee on Filming Distinguished Statisticians: The series "The Films of Distinguished Statisticians" is a joint program of Pfizer Global Research and Development (Liaison: Dr Naitee Ting), the Department of Statistics at the University of Connecticut-Storrs (Liaison: Professor Nitis Mukhopadhyay), and the American Statistical Association (Liaison: Dr Bill Smith). These cooperative agencies provide funding to invite each year the most distinguished statistical scien-
 tist to the University of Connecticut-Storrs to present a campus-wide Colloquium (the Pfizer Colloquium held in honor of Dr David S. Salsburg). After the colloquium, a conversation is held on the principal guest's life and career (held in memory of Professor Harry O. Posten). Both the Pfizer Colloquia and the Conversations are filmed for the archive of the American Statistical Association (ASA).

Dr Salsburg and Professor Posten established this program more than thirty years ago. The first in this series was made in 1978. Professor Posten directed this project for nearly 25 years. Since 2003, Professor Mukhopadhyay has been directing this project. The archive of the ASA has acquired films on David R. Brillinger (2004), Chris Heyde (2005), Emanuel Parzen (2006), and Barbara A. Bailar (2007) that have been produced recently at the University of Connecticut.
The website http://merlot.stat.uconn.edu/~nitis/Pfizer/index.htm includes some relevant history, the list of distinguished statisticians who have been filmed thus far, and names of members of the ASA Committee on Filming Distinguished Statisticians who recommend the distinguished statisticians to be filmed in this series.

A Call for Nomination: The Committee requests nominations of distinguished statistical scientists to be considered for the honor of being included in this prestigious series. To nominate someone, send an email to Professor Mukhopadhyay, nitis.mukhopadhyay@uconn. edu. To be fully considered for the next filming cycle, the nomination should be received by February 29, 2008.

## Letter to the Editor

Letters on any issue of interest to IMS members are welcome. Email your letters to the Editor at bulletin@imstat.org. Somesmall print: the Editor's decision is final; we may edit your letter before publication; publication does not necessarily imply endorsement of the opinions expressed therein, and the IMS Bulletin and its publisher do not accept any responsibility for them.

## Advising junior faculty on research

## Dear $\varepsilon$ ditor

It seems to me that the anecdotal evidence contained in Terry Speed's column in the November issue of the IMS Bulletin (Vol. 36, Issue 9) may be more informative and helpful to junior persons than the analytical opinions of the distinguished doyens. Perhaps I should add another anecdote.

It is notoriously true that if you work between the disciplines, you run the danger of falling between the cracks. As a candidate, you must be aware that you are the proverbial elephant judged by half a dozen blind men - typically, the mathematical statistician will judge you as a mathematical statistician, and the biologist as a biologist. But also a perverse opposite can happen. Here is an example. Many years ago, we had to fill a position in Applied Statistics; the appointee would have to be in charge of statistical consulting, among other things. A probabilist on the appointment committee claimed that candidate X (who had written a couple
of quite mathematical papers) was unsuited for the job, being a theoretician. This seemed to eliminate X. Fortunately, there was also a letter from a biologist, who wrote that he could understand if the mathematicians would doubt the mathematical qualifications of X, but X had been the first and only statistician who had bothered to understand his problems, and had given useful advice, and solutions also he could understand. X got the job.

People interested in interdisciplinary work should read (at least):
i The physiologist Arturo Rosenblueth's comments on the prerequisites for a successful collaboration between a mathematician and a physiologist, quoted by Norbert Wiener in the introduction to his Cybernetics (MIT Press).
ii The Luria \& Delbrück paper (Genetics, 1943, 28:491-5 II), which won them a Nobel Prize. The statistical content there is a test to discriminate between a Poisson and a branching process.

## Peter 7. Huber

Klosters, Switzerland

# IMS Meetings around the world 

IMS sponsored meeting
7th World Congress in Probability and Statistics
(71st IMS Annual Meeting and 7th Bernoulli Society World Congress) July 14-19, 2008, National University of Singapore, Singapore
w http://www.ims.nus.edu.sg/Programs/wc2008/index.htm e wc2008_general@nus.edu.sg
Chair of the Local Organizing Committee: Louis Chen; Chair of Scientific Program Committee: Ruth Williams The seventh joint meeting of the Bernoulli Society and the Institute of Mathematical Statistics will take place in Singapore from July I4 to I9, 2008. This quadrennial joint meeting is a major worldwide event featuring the latest scientific developments in the fields of probability and statistics and their applications. The program will cover a wide range of topics and will include invited lectures by the following leading specialists:

Martin Barlow, University of British Columbia (Medallion Lecture)
Richard Durrett, Cornell University (Wald Lectures)
Jianqing Fan, Princeton University (Laplace Lecture)
Alice Guionnet, École Normale Supérieure de Lyon (Lévy Lecture)
Mark Low, University of Pennsylvania (Medallion Lecture)
Zhi-Ming Ma, Academy of Mathematics and Systems Science, Beijing (Medallion Lecture)
Peter McCullagh, University of Chicago (Neyman Lecture)
Douglas Nychka, US National Center for Atmospheric Research (Public Lecture)
Oded Schramm, Microsoft Research (BS-IMS Special Lecture)
David Spiegelhalter, University of Cambridge and MRC Biostatistics Unit (Bernoulli Lecture)
Alain-Sol Sznitman, ETH Zurich (Kolmogorov Lecture)
Elizabeth Thompson, University of Washington (Tukey Lecture)
Wendelin Werner, Université Paris-Sud (BS-IMS Special Lecture)
There will be 33 invited paper sessions highlighting topics of current research interest (http://www.ims.nus.edu. sg/Programs/wc2008/invitedsessions.htm), as well as many contributed talks and posters.

The venue for the meeting is the National University of Singapore. Singapore is a vibrant, multi-cultural, cosmopolitan city-state that expresses the essence of today's New Asia. It offers many attractions both cultural and touristic, such as the Esplanade and the Singapore Night Safari.

Some travel assistance is available for students and new researchers (within 2 years of PhD at the date of the meeting) through IMS Laha travel awards (for application information see http://www.imstat.org/awards/laha.html; details in the next issue). Funding is anticipated from the US National Science Foundation for awards to help defray the travel costs of junior researchers, women, and members of underrepresented minorities, from the United States participating in the Congress (for application information see http://www.ims.nus.edu.sg/Programs/wc2008/ financial.htm). Some limited funds are also available from the Local Organizing Committee to provide financial support of up to 1,000 SGD each to participants from China, India and Southeast Asia (see the same link above).

The IMS Child Care initiative encourages and supports the participation at IMS Annual Meetings (including the Congress) of IMS members having child care responsibilities (for application information see http://www. imstat.org/meetings/ childcare.htm).


## 2008

IMS Annual Meeting/
7th World Congress in Probability and Statistics: Singapore, July 14-19, 2008. w http://www. ims.nus.edu.sg/
Programs/wc2008/ index.htm

JSM: Denver, CO
August 3-7, 2008
w http://www.
amstat.org/
meetings/jsm/2008/

## 2009

## IMS Annual Meeting

@ JSM: Washington
DC, August 2-6, 2009

## 2010

IMS Annual Meeting:
Location TBA, dates TBA

JSM: Vancouver,
Canada, August
$1-5,2010$
2011

IMS Annual Meeting @
JSM: Miami Beach
FL, July 3 1-
August 4, 20 II

## NSF/CBMS Regional Conference on



Sponsored by the US National Science Foundation

## June 22-27, 2008

University of California at Santa Barbara

Invited Speakers Sara Biagini (Perugia, Italy) Alexander Schied (Cornell) Mihai Sirbu (UT Austin) Mike Tehranchi (Cambridge) Mingxin Xu (UNC Charlotte) Thaleia Zariphopoulou (UT Austin)

> Principal Speaker Marco Frittelli University of Milano, Italy


IMS co-sponsored meeting
IMS-China International Conference on Statistics and Probability
June 11-13, 2008
Hangzhou, China
whttp://www.stat.umn.edu/~statconf/imschina/
Registration deadline for invited speakers: February 20
We are pleased to announce the IMS-China International Conference on Statistics and Probability 2008 in
Hangzhou, China, to observe the launch of IMS-China, a sub-division dedicated to IMS members in China. The meeting is open to all current and prospective IMS members by registration, until the maximum of ioo non-local participants is reached. Local participants are defined as those who reside in mainland China. It will feature plenary lectures, and invited and contributed talks in all areas of probability and statistics. Please register early through the IMS secure website. The official languages of the meeting are English and Chinese. If you live in China, contact Professor Zhengyan Lin (zlin@zju.edu.cn) for more information. If you live elsewhere, send your enquiries in English to Professor Xiaotong Shen (xshen@stat.umn.edu). Scientific Committee Co-Chairs: Zhiming Ma, Chinese Academy of Science, Xuming He, University of Illinois at Urbana-Champaign.

IMS-China meeting Plenary Speakers:
Zhidong Bai,
Northeast Normal
University, China
Lawrence Brown, University of Pennsylvania Richard Durrett, Cornell University lain Johnstone, Stanford University Shige Peng, Shangdong University, China

IMS co-sponsored meeting

## NSF/CBMS Regional Conference on

Convex Duality Method in Mathematical Finance June 22-27, 2008, University of California at Santa Barbara w http://www.pstat.ucsb.edu/projects/cbms/
The conference will be held on the seaside campus of the University
■ of California at Santa Barbara. The program will focus on recent developments in applications of the convex duality method to problems in finance.

The distinguished Principal Lecturer, Dr Marco Frittelli, Professor of Mathematical Finance at the University of Milano will deliver io invited lectures on the topic. Other one-hour talks will be given by invited speakers: Sara Biagini (Perugia, Italy), Alexander Schied (Cornell), Mihai Sirbu (UT Austin), Mike Tehranchi (Cambridge), Mingxin Xu (UNC Charlotte), and Thaleia Zariphopoulou (UT Austin).

There are no contributed talks, however, afternoons are reserved for informal discussion sessions modeled on the successful example of the Seminar on Stochastic Processes series of conferences. These informal sessions are designed to encourage interaction between young and more senior researchers. Social events include an opening reception, conference dinner and a tour.

Partial financial support for travel and housing is available from the US National Science Foundation for about 20-25 participants, with very strong preference given to junior researchers and members of underrepresented groups such as women and minorities. Interested faculty and graduate students especially from regional universities are encouraged to attend. Applications for financial support received by March 1, 2008, will receive full consideration. Details about the conference program, application process for support and registration are given on the website.

## IMS co-sponsored meeting

Workshop on Composite Likelihood Methods
April 15-17, 2008, University of Warwick, UK
whttp://go.warwick.ac.uk/complik2008
The deadline for submission of contributed abstracts (both posters and talks) is January 25th, 2008.

This international workshop aims to review the state of art of composite likelihood inference, and to promote vigorous discussion of foundations, applications and future developments. A further likely theme of discussion is the comparison of composite likelihood methods with alternative, computer-intensive approaches to inference in highly structured models, such as Markov chain Monte Carlo.

The workshop will bring together active researchers in the theory and application of composite likelihood, for an intensive 3day meeting at CRiSM, University of Warwick. A few key participants will have been specifically invited. An open call will be made shortly for abstracts from other potential contributors, from which the scientific committee will select (mainly on the basis of high relevance to the workshop theme) for inclusion in the workshop programme. We aim to have a relatively small number of talks, all of high quality. All invited and contributed talks will be plenary, and we hope to supplement these with a lively poster session.

If you would like to be kept informed of all significant new information posted on the website above, please register your interest now by completing the small pre-registration form online.

Confirmed speakers so far are D R Cox (Oxford), P Fearnhead (Lancaster), N L Hjort (Oslo), H Joe (UBC), S Lele (Alberta), K-Y Liang (Johns Hopkins), B G Lindsay (Penn State), G Molenberghs (Hasselt), N Reid (Toronto), N Shephard (Oxford), P Song (Waterloo), and C Varin (Venice).

IMS sponsored meeting

## 11th IMS North American Meeting of New

 Researchers in Statistics and Probability $\begin{aligned} & \text { July } 29 \text { - August 2, } 2008 \\ & \text { University of Colorado, Boulder }\end{aligned}>N E W$ University of Colorado, Boulder whttp://www.stat.rutgers.edu/~rebecka/NRC Local chair: Ryan Elmore. The New Researchers' Committee of the IMS is organizing a meeting of recent PhD recipients in Statistics and Probability. The purpose of the conference is to promote interaction among new researchers primarily by introducing them to each other's research in an informal setting. All participants are expected to give a short, expository talk or contribute a poster on their research.Anyone who has received a PhD in (or after) 2003, or expects to receive a PhD in 2008, is eligible to attend.

The meeting is to be held immediately prior to the 2008 Joint Statistical Meetings in Denver (see below right).

Abstracts for these papers and posters will appear on the website above. To apply, please submit a letter of interest, curriculum vitae and title and abstract to:

Rebecka Jornsten, Department of Statistics,
Rutgers University, NJ 08854
e rebecka@stat.rutgers.edu
OR
Ryan Elmore, Department of Statistics, Colorado State University Campus at Fort Collins, CO 80523 e elmore@stat.colostate.edu.

Electronic mail is preferred for abstract submission. Deadline for receipt of applications is February 1, 2008. Please apply promptly since the number of participants is limited.

Priority will be given to first time participants. Women and minorities are encouraged to apply. Also, contingent on the availability of funds, support to defray travel and housing costs will be offered.


## 2008 WNAR/IMS Meeting June 22-25 Davis, CA

The Statistics Department at the University of Cal- ifornia, Davis, cordially invites you to participate in the 2008 western regional meeting of WNAR and the IMS. Following up on the traditions established at the two previous WNAR/IMS meetings hosted by the Davis campus, the meeting will feature an outstanding program of invited speakers, several plenary addresses, special sessions for student papers, sessions and activities for new researchers and a short course on widely applicable developing methodology. There will be a hosted wine-tasting reception on Sunday evening, June 22, and a Special Banquet on Tuesday, June 24 commemorating the Conference and celebrating the 100th anniversary of the campus.

## WNAR Presidential Invited Address

Jerry Lawless University of Waterloo WNAR Program Chair Patrick Heagerty University of Washington

## IMS Program Chair

Charles Kooperberg
Fred Hutchinson Cancer Research Center
IMS 2008 Medallion Lecturer
Peter Bartlett
University of California, Berkeley

## Local Organizer

Frank Samaniego \& Chris Drake University of California, Davis

IMS co-sponsored meeting

## JSM2008

## August 3-7, 2008. Denver, Colorado

w http://www.amstat.org/meetings/jsm/2008/


The 2008 Joint Statistical Meetings will be held August 3-7, 2008, at the Colorado Convention Center. Abstract submission now open.

## Key Dates

January 22, 2008:
February 4, 2008:
March 31, 2008:

May 1, 2008:
May 12, 2008:
June 26, 2008 (midnight EDT):
June 27 - July 17, 2008:

Mail-in abstract submissions received by ASA
Online abstract submission closes
Online program available for public view
(speakers can edit abstracts online until April 21)
JSM registration opens; Preliminary PDF program online
Draft manuscripts due to session chairs
Early Bird Registration deadline
Advance Registration (increased fees apply)

IMS co-sponsored meeting:
2008 ENAR/IMS
Spring Meeting
March 16-19, 2008
Hyatt Regency
Crystal City,
Arlington, VA
whttp://www.enar.
org/meetings.cfm

IMS co-sponsored meeting:
2009 ENAR/IMS
Spring Meeting
March 15-18, 2009 Grand Hyatt San Antonio, San Antonio, TX whttp://www.enar. org/meetings.cfm

IMS co-sponsored meeting:
2010 ENAR/IMS
Spring Meeting
March 21-24, 2010
Hyatt Regency New Orleans, New Orleans, LA whttp://www.enar. org/meetings.cfm

IMS co-sponsored meeting
33rd Conference on Stochastic Processes and their Applications July 27-31, 2009. Berlin, Germany
w http://www.math.tu-berlin.de/SPA2009/
Organizing committee chair: Jochen Blath; co-chair: Peter Imkeller IMS Reps to Program Committee: David Aldous, Martin Barlow, Gérard Ben Arous, Mu-Fa Chen, Anna de Masi, Hans Föllmer, Luis Gorostiza, Dmitry Kramkov, Russ Lyons, Claudia Neuhauser, Ed Waymire, and Ofer Zeitouni

[^0]
## IMS co-sponsored meeting

2008 Seminar on Stochastic Processes
April 3-5, 2008. University of Delaware, Newark, Delaware w http://www.math.udel.edu/~sturm/SSP08main.html
Apart from informal presentations by conference participants, there will be plenary talks by five invited speakers: Amarjit Budhiraja (UNC, Chapel Hill); Xia Chen (Univ Tennessee, Knoxville); Richard Kenyon (Brown Univ); Anita Winter (Univ ErlangenNürnberg, Germany); and Marc Yor (Univ Paris 6, France). A short informal session will be held honoring the late Frank Knight's mathematical career. Marc Yor will lead the tribute, but we are looking for other conference participants to contribute. Please contact us if you would also like to make some remarks in this presentation.

IMS co-sponsored meeting
MCMSki II: Markov Chain Monte Carlo in Theory and Practice

## January 9-11, 2008

Bormio, Italy (Italian Alps)
w http://musing.unipv.it/IMS-ISBA-08/
Program Chairs: Bradley P. Carlin and Antonietta Mira

IMS co-sponsored meeting
Adap'Ski 08, a satellite meeting to MCMSki II (see above)
January 6-8, 2008
Bormio, Italy
w http://www.maths.bris.ac.uk/~maxca/adapski08/

IMS co-sponsored meeting
IWAP2008: International Workshop in Applied Probability
July 7-10, 2008
Université Technologie de Compiègne (UTC), Compiègne, France
w http://www.Imac.utc.fr/IWAP2008/
Contacts: Nikolaos Limnios e nikolaos.limnios@utc.fr and Joseph Glaz e joseph.glaz@uconn.edu (IMS Rep)
This workshop will be an interdisciplinary conference in the field of probability with applications to several areas of science and technology, including actuarial science and insurance, bioinformatics, biosurveillance, computer science, data mining, finance, learning theory and target tracking. The aim of this workshop is to bring together, and to foster exchanges and collaborations among, scientists working in applications to any field, including those listed above.

## IMS co-sponsored meeting

## 4th Cornell Probability Summer School

June 23 - July 4, 2008. Cornell University, Ithaca, NY
w http://www.math.cornell.edu/~durrett/CPSS2008/
This Fourth Cornell Probability Summer School will focus on probability problems that arise from ecology. The main lecturers will be Claudia Neuhauser (Minnesota), Sylvie Mélélard (Paris), Simon Levin (Princeton), and Ted Cox (Syracuse). In addition there will be one or two one-hour talks by Steve Ellner (Cornell), Alan Hastings (U.C. Davis), Steve Krone (U. of Idaho), Nicolas Lanchier (Arizona State), and Rinaldo Schinazi (Colorado Springs).

The conference web page has more information. All participants should fill out the registration form found there. Do this by April 1 if you want to apply for free lodging in a Cornell dorm room, or for partial support of travel expenses. This meeting was partially supported by a grant from the National Science Foundation to the probability group at Cornell University.

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

Workshop on Probabilistic Methods in Combinatorics and Geometry $\angle N E W$ December 29-30, 2007

University of Warwick / CRiSM / Isaac Newton Institute<br>Research Workshop on Bayesian Analysis of High Dimensional Data April 14-16, 2008 University of Warwick, UK

w http://web.lums.edu.pk/~casm The probabilistic method, developed by the great mathematician Paul Erdős, is an extremely powerful tool in combinatorics, graph theory and combinatorial geometry. This workshop will consist of a series of eight lectures. The introductory lectures will outline the basic method. This will be followed by more advanced lectures that will show how this method can be applied to problems in combinatorics, graph theory and combinatorial geometry. The intended audience should have taken at least one course in probability theory and discrete mathematics. All interested are invited to register.

For further information contact: Secretary, Centre for Advanced Studies in Mathematics, LUMS, DHA, 54792-Lahore e kashifi@lums.edu.pk
t 042-5722670 Ext. 212I
whttp://go.warwick.ac.uk/bhdworkshop
The primary aim of the workshop is to highlight recent methodological and applied advances in the Bayesian analysis of complex data. This workshop is a satellite event within the program Statistical Theory and Methods for Complex, High Dimensional Data of the Isaac Newton Institute for Mathematical Sciences.

Confirmed speakers so far include Nils Hjort (Oslo), Rob Kass (Carnegie Mellon), Douglas Nychka (NCAR), Carl Rasmussen (Cambridge), Mike West (Duke), Michele Guindani (New Mexico), John Haslett (Trinity), Feng Liang (Duke), David Madigan (Columbia), Bruno Sanso (Santa Cruz), Yee Whye Teh (UCL) and Darren Wilkinson (Newcastle).

## Call for abstracts

Abstracts are invited now (deadline 25 January, 2008) for contributed talks and posters at this workshop. For details, and to pre-register for information bulletins on the workshop, please see the website.

Participants in this workshop are welcome to take part also in the last day (April 17) of the parallel workshop (which is IMS co-sponsored: see announcement on page 17) on composite likelihood methods (http://go.warwick.ac.uk/complik2008), also held at Warwick. The two workshops will also combine to organise a single poster session and social event.

Bursaries for PhD students and researchers within three years of the PhD will be made available to support participation in the workshop. See the website for details. We look forward to seeing you in Warwick!

The Organizing Committee (David Banks, Jim Griffin, Fabio Rigat and Mark Steel)

## International Indian Statistical Association (IISA) Conference: Frontiers of Probability and Statistical Science May 22-25, 2008 <br> University of Connecticut-Storrs <br> NEW

w http://merlot.stat.uconn.edu/~nitis/IISA2008/index.htm
The Department of Statistics of the University of Connecticut-Storrs will host the next International Indian Statistical Association (IISA) conference during May 22-25, 2008. Two plenary lectures are arranged which will be presented by Jayaram Sethuraman and Marvin Zelen. Also arranged are six specially named lectures honoring R. R. Bahadur, D. Basu, V. S. Huzurbazar, P. R. Krishnaiah, S. K. Mitra, and P. V. Sukhatme. The named lectures will be presented by Barry C. Arnold, Krishna B. Athreya, Evarist Giné, Glen Meeden, Sanat Sarkar, and Lee-Jen Wei. The rest of the technical program will be made up of invited paper sessions covering most of the areas of probability and statistical science including student-paper presentations and competitions. Plans are underway to organize a number of interesting panel discussions on teaching, editor's forum, and young researchers' needs. Invitations are extended to all colleagues to participate.

One will find updated information regarding the program, registration, accommodation, deadlines, travel and everything else from the conference website above. Anyone interested in presenting a paper should contact the chair of the local organizing committee consisting of Dipak K. Dey, Nitis Mukhopadhyay (Chair: e nitis.mukhopadhyay@uconn.edu), and Nalini Ravishanker.

2008 International Conference on Applied Probability and Statistics (CAPS 2008) December 1-3, 2008
Hanoi, Vietnam
whttp://www.action-m.com/CAPS2008/ The first International Conference on Probability and Statistics and their Applications was held in Hanoi in 1999. Similarly, this conference aims to promote practical applications of probability and statistics, particularly in business and industry, and to strengthen international relations among researchers in these areas. Contributed papers to the conference can be on applied probability or any area of statistics. The conference will be of interest both to researchers and to practitioners from business and industry.

YEP-V workshop: Statistical Mechanics on Random Structures March 10-14, 2008
EURANDOM, Eindhoven, the Netherlands
NEW
w http://www.eurandom.tue.nl/workshops/2008/YEPV/YepVmain.htm
This workshop is the fifth in a successful series of YEP (Young European Probabilists) meetings at EURANDOM in the years 2004-2007. This year, the main focus of the workshop will be the investigation of the large scale behaviour of systems whose "interaction network" is modelled by random graphs. The goal of the workshop would be to bring together scholars whose interest lies in the intersection of disordered statistical mechanics and random graphs with a clear emphasis on applications.

The workshop offers two mini-courses: Francesco Guerra (University Roma I, La Sapienza): "Probabilistic aspects of spin glass theory"; Hidetoshi Nishimori (Tokyo Institute of Technology): "Combinatorial optimization problems and quantum annealing". There will also be contributed talks by the participants, as well as talks by leading experts in the field: A. Bovier (Weierstrass Institute, Berlin) R. v.d.Hofstad (Eindhoven \& EURANDOM) J. Kurchan (ESPCI, Paris, France), E. Marinari (University Roma I, La Sapienza) R. Zecchina (Politecnico Torino).

For more detailed information and registration see the website.

## Program for ICM2010, Hyderabad

The next International Congress of Mathematicians (ICM) will be held in Hyderabad, India, August 19-27, 20Io. The Program Committee has, based on the scientific programs of former ICMs and suggestions from mathematicians the world over, decided on the structure of the scientific program of ICM 2ого. Martin Groetschel, Secretary of the International Mathematical Union, reports on the sections, including section I3 on Probability and Statistics. The Program Committee will finalize the descriptions in the spring of 2008 and invites comments on the section descriptions from the Adhering Organizations and mathematicians interested in helping make the ICM 20Io program as attractive as possible.

Proposals for changes may be submitted to Hendrik Lenstra, chair of the ICM 20ıo Program Committee, hwlicm@math.leidenuniv.nl, by the end of January 2008. Jim Pitman requests that if any IMS members have suggestions for changes about the prob/stat section, then they should send a copy to him as he would be willing to make some effort to synthesise them.

Only section 13 is listed here in full, but details of the other sections are available at http://www.mathunion.org/Publications/ CircularLetters/2007-07.pdf

1. Logic and foundations

2 Algebra
3 Number theory
4 Algebraic and complex geometry
5 Geometry
6 Topology
7 Lie theory and generalizations
8 Analysis
9 Functional analysis and applications
10 Dynamical systems and ordinary dif-
ferential equations
11 Partial differential equations

> 12 Mathematical physics
> 13 Probability and Statistics (12-I3 lectures): Classical probability theory, limit theorems and large deviations. Combinatorial probability. Random walks. Interacting particle systems. Stochastic networks. Stochastic geometry. Stochastic analysis. Random fields. Random matrices and free probability. Statistical inference. High-dimensional data analysis. Sequential methods. Spatial statistics. Applications.

14 Combinatorics
15 Mathematical aspects of computer science
16 Numerical analysis and scientific computing
17 Control theory and optimization
18 Mathematics in science and technology
19 Mathematics education and popularization of mathematics
20 History of Mathematics

Joint Meeting of the Statistical Society of Canada and of the Société Française de Statistique May 25-29, 2008

## Ottawa, Ontario, Canada

w http://www.ssc.ca/2008/index_e.html For the first time in its history, the Société Française de Statistique (SFdS) will join the Statistical Society of Canada (SSC) for its annual conference. For the SSC, it will be its 36 th conference, while for the SFdS it will be its 4oth. This international conference will bring together academic, governmental and industrial researchers as well as users of statistics and probability, from the two continents. It will present workshops, invited and contributed sessions.

The SSC and SFdS feature sections in different areas of the statistical sciences, including biostatistics, survey methods, business and industrial statistics, and probability. Consequently, the program will include papers in all areas of statistics and probability. About 900 statisticians are expected to participate.

For more information, see http://www.ssc.ca/2008/index_e.html. For information on the scientific program, contact Program Chairs Bruno Rémillard (e bruno.remillard@hec.ca) or Marc Hallin (e mhallin@ulb.ac.be). For information on local arrangements, contact Local Arrangements Chair Pierre Lavallée (t 613-95 1-2892; f613-951-0653; pierre.lavallee@statcan.ca).

## 37th Annual Meeting of the Statistical Society of Canada

May 31 - June 3, 2009

## Vancouver, British Columbia, Canada

w http://www.ssc.ca/2009/index_e.html
This conference will bring together academic, governmental and industrial researchers as well as users of statistics and probability. It will present workshops, invited and contributed sessions. The SSC features sections in biostatistics, survey methods, business and industrial statistics, and probability. Consequently, the program will include papers in all areas of statistics and probability. About 450 statisticians are expected to participate. For information on the scientific program, contact Program Chair Wendy Lou (wendy. lou@utoronto.ca). For information on local arrangements, contact Local Arrangements Chair Nancy Heckman at University of British Columbia, Department of Statistics, Vancouver, BC V6T iZ2, Canada, (604) 822-3595, fax: (604) 822-6960, nancy@stat.ubc.ca.

## International Conference on Statistics and its Applications in

 Management (ICSAIM2008)
## May 1-3, 2008

## Indian Institute of Management, Kozhikode

whttp://www.iimk.ac.in/forthcoming conferences/seminars
Statistics is an indispensable tool for management studies. The past two decades have witnessed a strong surge of interest in statistical methods from management community. Due to the rapid progress in computer technology and the need for handling complex models, researchers ranging from statisticians to financial analysts now face new challenges in management research.

The aim of this conference is to provide a forum for the presentation of recent developments in statistical methodology and its novel applications in management. We hope to bring together probabilists, statisticians, engineers, operations researchers, market researchers, financial analysts, economists, and most importantly, interested research scholars, to share the exciting developments, to foster new ideas, and to stimulate the exchange of information between theoreticians and practitioners.

Contact Prof G Chaudhuri, Chair of the Organizing Committee for ICSAIM2008 e icsaim2008@iimk.ac.in


38th Annual Meeting of the Statistical Society of Canada
May 23-26, 2010
Québec City, Québec, Canada
NEW
w http://www.ssc.ca/2010/index_e.html
This conference will bring together academic, governmental and industrial researchers as well as users of statistics and probability. It will present workshops, invited and contributed sessions. The SSC features sections in biostatistics, survey methods, business and industrial statistics, and probability. Consequently, the program will include papers in all areas of statistics and probability. About 450 statisticians are expected to participate.

For information on local arrangements, contact Local Arrangements Chair Thierry Duchesne, Université Laval, Département de mathématiques et de statistique, Pavillon Vachon, Québec, QC, GIK 7P4, Canada, (4I8) 656-2I3I x 5077, fax: (4I8) 656-28I7, thierry.duchesne@mat.ulaval.ca.

# Employment Opportunities around the world 

## Directory of Advertisements

Australia

Victoria: Monash University, Clayton campus Singapore
Singapore: National University of Singapore
Switzerland
Lausanne: Swiss Federal Institute of
Technology (EPFL)

## UK

Bristol: University of Bristol
Warwick: University of Warwick

## USA

Alabama: Auburn University
Arizona: Arizona State University
California: San Jose State University
University of California, Riverside
Georgia: University of Georgia
Indiana: Purdue University
Kansas: University of Kansas
Maryland: DESPR, NICHD, NIH

## Massachusetts:

Harvard School of Public Health/Dana-
Farber Cancer Institute;
Harvard University
Michigan: University of Michigan, Ann Arbor
New Jersey: Rutgers University
New York: Cornell University
North Carolina: Duke University;
SAMSI [2 ads]
Ohio: The Ohio State University
Pennsylvania: University of Pennsylvania
Rhode Island: Roger Williams University
Texas: Texas A\&M University;
Texas Tech University
Wisconsin: Medical College of Wisconsin

## Australia: Victoria

## Monash University School of Mathematical Science

## Clayton, Australia

## Lecturer, Mathematical Statistics

Applications are invited for a continuing full-time lectureship at Level B in stochastic processes, probability or mathematical statistics.

The appointee will have an outstanding research record and proven teaching ability. He or she will enhance the school's research profile, supervise postgraduate students and contribute to the undergraduate teaching programs in statistics.

All applications should address the selection criteria. Please refer to "How to Apply for Monash jobs" on our website, http://sssd.adm.monash.edu.au/employ/seek.asp.

Salary range: $\$ 67,8 \mathrm{I} 8-\$ 80,535$ pa Level B plus generous superannuation
Location: Clayton campus
Enquiries: A/Prof. Alan Pryde on 99054417 or email alan.pryde@sci.monash.edu.au.
Ref No: Ao784io
Applications close: Thursday, 14 February 2008
Applications: By email addressed to Mrs Amanda Teo, Building 28, Monash University, Clayton Vic 3800 or email jobs.maths@sci.monash.edu.au

More Information at http://sssd.adm.monash.edu.au/employ/job.asp?refnumber=A07841 0\&work=\&staff=Academic\&faculty=\&keyword=\&whichpage=1\&pagesize=5

## Singapore

## National University of Singapore, Department of Statistics and Applied Probability Faculty Position

Applications are invited for regular positions in Statistics. A PhD in Statistics or a related field is required. All areas of Statistics, with emphasis on Risk Management, Quantitative Finance, Infectious Disease Modeling and Imaging will be considered.

Applications will be considered at all levels of appointment. However, those with solid track records in both research and teaching and proven leadership quality are particularly encouraged to apply. Applicants should send an application letter and a CV and arrange for at least THREE reference letters to be sent directly to the Department.

Applications should be mailed by post or via e-mail to:
Search Committee, Department of Statistics and Applied Probability
National University of Singapore, 6 Science Drive 2
Singapore II7543
E-mail: stasec@nus.edu.sg
NUS offers internationally competitive remuneration, generous research support and funding, relocation assistance and other benefits.

For more information about the University, Faculty of Science, Department, and Terms of Service, visit our websites:

University: http://www.nus.edu.sg/
Faculty of Science: http://www.science.nus.edu.sg/
Department: http://www.stat.nus.edu.sg/
Terms of Service: http://www.nus.edu.sg/ohr/

## Switzerland: Lausanne

## Swiss Federal Institute of Technology, Lausanne (EPFL) Postdoctoral/PhD Positions in Statistics/ Applied Probability

Applications are invited for:
a a Postdoctoral position
b a PhD position
in statistics/applied probability at the Institute of Mathematics of the Ecole Polytechnique Fédérale de Lausanne (EPFL). The appointments are available from I September 2008 (an earlier starting date is possible). Postdoctoral appointments are between $\mathrm{I}-3$ years, while the period of PhD studies is normally 3 years. The EPFL offers highly competitive salaries for Postdoctoral positions, and highly competitive scholarships for PhD studies.

The positions will be in the Chair of Mathematical Statistics (Prof. Victor Panaretos).

For more information, including instructions on how to apply, please visit http://smat.epfl.ch/positions.htm

Review of applications begins immediately and continues until the positions are filled. Applications received by January 15th, 2008, are guaranteed consideration.

## Are you recruiting?

You can advertise your vacancies here in the IMS Bulletin, and online, at our
very competitive rates.
Please check inside the back
cover for our requirements
and deadlines.

## UK: Bristol

## University of Bristol

## Postdoctoral Fellowships in Statistics

Applications are invited for two Brunel
Postdoctoral Fellowships in Statistics, tenable

from ist September 2008 (or a date to be agreed) for a period of two years. The fellowships are part of a recently awarded multimillion pound grant aimed at supporting an ambitious research programme to support "Statistics underpinning Science, Technology and Industry" (SuSTaIn)".

Successful candidates will be expected to undertake a programme of self-directed research in any branch of Statistics or Applied probability as part of a $6^{*}$-rated Statistics Group. The Department of Mathematics is one of the leading centres for research and teaching in mathematical sciences in the UK, and offers a stimulating and friendly environment with first-rate facilities.

The successful candidates will be appointed on the Level B / Pathway 2 scale, according to qualifications and experience. The appointments are fixed term for 2 years and subject to the University's standard probationary procedures.

For further details see: http://www.stats.bris.ac.uk/
Contact for informal enquiries: Dr C. Andrieu ec.andrieu@bristol.ac.uk Tel +44 (o) in7 9289134 . Please quote job reference number 13615 .

Grade: Level B in Pathway 2, currently $£ 30913$ - $£ 348$ I 3 ; Salary to be agreed.
Closing date for applications: 9.00am, 15th February 2008.
Interviews are expected to be held end of February/beginning of March, 2008.

## UK:Warwick

THE UNIVERSITY OF
WARWICK

Warwick is one of Britain's leading universities with an enviable reputation for educational opportunities, first rate research and its commitment to the local community.

The University Values Diversity

Department of Statistics

# Assistant Professor or Associate Professor 

£33,779-£40,335 pa or £41,545-£48,161 pa
Ref: 34844-117
Start date to be agreed.
Two academic vacancies, both permanent posts, are available in the thriving Department of Statistics. Research activity spans probability, theoretical, applied and computational statistics. You should be an outstanding Researcher from any background, with research interests in probability, statistical methodology or innovative applications. Your research might complement or enhance existing departmental strengths. You should have a PhD in Statistics or an equivalent qualification.

Informal enquiries can be addressed to Professors Jane Hutton (J.L.Hutton@warwick.ac.uk), Saul Jacka (S.D.Jacka@warwick.ac.uk) and Gareth Roberts (Gareth.O.Roberts@warwick.ac.uk) or to any other senior member of the Warwick Statistics Department.

Application packs are available from Personnel Services on 02476523685 (24 hour answerphone), by email: recruit@warwick.ac.uk, our website below or www.jobs.ac.uk/warwick. An application form MUST be completed if you wish to apply for this post.

Closing date: 24 January 2008

## USA: Alabama

## Auburn University

## Department of Mathematics and Statistics

The Department of Mathematics and Statistics at Auburn University is seeking to fill at least two tenure track positions at the rank of assistant professor or higher with a starting date of August 2008 at a competitive salary. Applicants must hold a PhD degree in the Mathematical Sciences at the time of initial appointment, and must be committed to excellence in teaching and research. The candidate's research interests should complement those of the present faculty. The department seeks a candidate specializing in Probability Theory or Numerical Analysis.

The department has over 50 mathematicians and 70 graduate students engaged in research in a wide variety of applied and theoretical mathematics disciplines. Auburn University's strong research program in all academic areas presents many opportunities for interdisciplinary research and multidisciplinary programs.

An application, transcript(s), a curriculum vita, and a description of the candidate's research interests and teaching philosophy, should be sent to the address below. In addition, applicants should arrange for four letters of recommendation (at least one of which should address teaching) to be sent to the same address. Review of applications begins January 15, 2008 and continues until the position is filled. Send information in care of:

## Dr. Michel Smith

Professor and Chair
Department of Mathematics
Auburn University
Auburn AL 36849.
Phone: 334-844-4290; Fax: 334-844-6555.
email: smith01@auburn.edu
Women and minorities are encouraged to apply. The candidate selected for this position must be able to meet eligibility requirements for work in the United States at the time the appointment is scheduled to begin and continue working legally for the proposed term of employment and be able to communicate effectively in English. Auburn University is an Affirmative Action/Equal Opportunity Employer For more information about the department visit our homepage: http://www.math.auburn.edu/ and information concerning faculty and research interests is available at http://www.math.auburn.edu/facultystaff/index.htm. For more information about Auburn University visit the University web site: http://www.auburn.edu/

The Chair and a member of search committee plan to be at the Joint AMS/MAA meeting in San Diego January 6-9 and will be pleased to meet interested candidates.

## USA: Arizona

## Arizona State University COLLEGE of Director <br> School of Mathematics and Statistics

Arizona State University announces an international search to recruit a Founding Director for the proposed School of Mathematics and Statistics. Arizona State University (see http:// www.asu.edu) is a dynamic, internationally recognized research university serving more than 60,000 students in the Phoenix metropolitan area, one of the fastest growing urban centers in the nation. The Department of Mathematics and Statistics at Arizona State University (see http://math.asu.edu) currently has about 50 tenured or tenure-track faculty members and offers a range of undergraduate and graduate programs including pure mathematics, computational and applied mathematics, mathematical biology, statistics, and mathematics education.

The Department has established strong interdisciplinary ties with University and community-based research and education initiatives. The Director of the School is expected to maintain and expand these by providing visionary leadership, overseeing growth in the faculty and research programs, and supervising the further development of the graduate and undergraduate programs.

Candidates must have an earned doctorate in mathematics, statistics, or a closely related field and a distinguished scholarly record appropriate for appointment as a full Professor. Desirable qualifications include documented leadership skills, previous administrative experience in a doctoral-granting department, experience with program development in research and education, evidence of excellent communication and organizational skills, and evidence of commitment to working with and supporting a diverse student and faculty population.

The position is available beginning I July 2008. Salary and start-up funding will be competitive and commensurate with qualifications. Review of applications will begin on 4 January 2008; if not filled, applications will be evaluated every two weeks thereafter until the search is closed. Applicants must submit electronically (in MS Word or PDF format) a cover letter and current curriculum vitae to Mr. Gabriel Escontrias (Gabriel.Escontrias@asu.edu). Inquiries and nominations should be directed to: Sid P. Bacon, Dean of Natural Sciences, College of Liberal Arts and Sciences, Arizona State University, PO Box 876505, Tempe, AZ 85287-6505; or email: spb@asu.edu. A background check is required for employment. Arizona State University is an affirmative action, equal opportunity employer committed to excellence through diversity.

## USA: Calffornia

## San Jose State University

The Department of Marketing \& Decision Sciences has an opening for a tenure-track position beginning in Fall 2008.

A candidate should possess experience, expertise and demonstrated excellence in teaching and research in several of the following areas: forecasting, data-mining, decision sciences, business statistics and quantitative methods. Teaching assignments will be at the graduate and undergraduate levels in both traditional and accelerated formats. Awareness of and sensitivity of a multicultural population of students, faculty, and staff as might have been gained in cross-cultural study, training, teaching and other comparable experience is required.

All applicants should have the following qualifications:

- Possess a doctorate appropriate for the courses taught (if ABD, completion of the doctorate will be a requirement for continued employment).
- For senior rank consideration, demonstrate a record of quality research leading to refereed publications.
- For those with teaching experience, demonstrate a commitment to teaching excellence.
- Demonstrate an ability to work in a collegial atmosphere as part of a team.
- Possess excellent communication and interpersonal skills. Excellent English communication skills are required
- Exhibit a commitment to interact effectively with the Silicon Valley business community
The College continues an ongoing recruitment process, with appointments beginning in August 2008. Candidates are encouraged to apply early, but applications will continue to be considered until the position is filled. For full consideration send a letter of application, vita, statement of teaching interests/philosophy and research plans, and contact information for at least three references to:

Dr. Joe Giglierano, Chair,
Department of Marketing and Decision Sciences
San Jose State University
One Washington Square
San Jose, CA. 95192-0069
Phone: 408.924-3506
FAX: 408.924-3445
Email: giglierano_j@cob.sjsu.edu

## USA: Calffornia

## University of California, Riverside

## Department of Statistics

## Assistant/Associate/Full Professor in Statistics

Applications and nominations are invited for the tenure-track position of Assistant/Associate/Full Professor of Statistics in the Department of Statistics at the University of California, Riverside.

The University of California at Riverside has launched the final phase of planning for its new Medical School. The Department of Statistics will be part of an exceptional environment for interdisciplinary research with the new Medical School and other health related initiatives on campus. Candidates with a research profile for developing theory and methods of statistics in a variety of related research areas are highly desirable.

The position targets candidates with high quality research and strong teaching records, and general training in statistics or biostatistics with expertise preferably in more than one of the following areas: Statistical Methodology for Clinical Trials, Discrete Data Analysis, Nonparametric or Semi-Parametric Statistics, Large Scale Data Analysis, Image Analysis, Bayesian or Classical Inference, Spatial Statistics, Longitudinal Data Analysis, Missing Data, and Survival Analysis. Qualified candidates must have a Ph.D. in Statistics or Biostatistics or a similar statistically oriented discipline. The position is effective July $\mathrm{I}, 2008$.

Reviews for the position begin February 1, 2008, and will continue until the position is filled. Interested applicants should send a letter describing how their qualifications and interests would fit with the position description along with their curriculum vitae, to:

> Professor Keh-Shin Lii
> Department of Statistics
> Room 2626 Statistics-Computer Building
> University of California
> 900 University Avenue

Riverside, CA 9252I-0I38, USA
Applicants at the Assistant or Associate Professor levels should arrange for three letters of recommendation to be sent to Professor Lii. Applicants at the Full Professor level should provide the names of three references. Until the file is complete with the requested information, the application cannot be given full consideration.

The University of California is an Affirmative Action/Equal Opportunity Employer.

Members of underrepresented groups are particularly encouraged to apply. The University has family-friendly policies and is committee to accommodating the needs of dual career couples.

## USA: Indiana

## Purdue University: Faculty Positions in Statistics

The Department of Statistics at Purdue University invites applications in all areas of statistics and probability for tenuretrack positions beginning August 2008. A number of positions are available at the Assistant Professor level; senior positions will be considered for highly qualified applicants. Additional positions are available for candidates also in applications areas designated in COALESCE II, a College of Science-wide multidisciplinary hiring effort. Two separate COALESCE II positions in Statistics are available, one with applications in the social sciences, and one with applications in applied mathematics.

The Department of Statistics offers a stimulating and nurturing academic environment. More than thirty tenured and tenure-track faculty members direct research programs in a broad range of areas. Further information about the department is available at http://www.stat.purdue.edu.

All applicants should hold a PhD in Statistics, or a related field, be committed to excellence in teaching, and have demonstrated strong potential for excellence in research. Salary and benefits are highly competitive. Applicants matching one search may be considered in other relevant searches when appropriate. Review of applications will begin on December 1, 2007, and will continue until the positions are filled. For all positions in Statistics, please visit http://www.stat. purdue.edu/hiring/ to apply.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action employer fully committed to achieving a diverse workforce.

## USA: Georgia

## University of Georgia

Tenure-track assistant/associate professorship, Department of Statistics, University of Georgia, starting August 2008. Open area. Requires PhD in Statistics or related field, and strong commitment to research and teaching. External funding expected for associate level. For application procedures and further details, see http://www.stat.uga.edu/news_events/ positions/job.html. Applications received by January 15, 2008, will be assured consideration. The Franklin College of Arts and Sciences, its many units, and the University of Georgia are committed to increasing the diversity of its faculty and students, and sustaining a work and learning environment that is inclusive. The University is an EEO/AA institution.

## USA: Kansas

## University of Kansas

## Mathematics

Applications are invited for a tenure-track assistant/associate professor position in statistics expected to begin August 18, 2008. PhD or terminal degree in math, statistics, or a related field expected by start date of appointment. For complete position announcement go to www.math.ku.edu/jobs or contact kumath@math.ku.edu.

Letter of application, detailed vita, research description, teaching statement, completed AMS application form, and at least three recommendation letters (teaching ability must be addressed in at least one letter) should be mailed to:

Jack Porter, Chair
Department of Mathematics
I460 Jayhawk Boulevard
University of Kansas
Lawrence, KS 66045-7523
(or faxed to ( 785 ) 864-5255).
In addition, upon receipt of materials, you will be sent instructions for completing required sections of the Faculty and Academic Staff Applicant Data Form.

Deadlines: Review of applications begins November 15, 2007 and will continue until the positions are filled.

EO/AA Employer.

## USA: Maryland

## Department of Health \& Human Services

## National Institutes of Health

National Institute of Child Health \& Human Development Division of Epidemiology, Statistics \& Prevention Research Biometry and Mathematical Statistics Branch Postdoctoral Fellowships


The Biometry and Mathematical Statistics Branch is an intramural research program within the Division of Epidemiology, Statistics \& Prevention Research (DESPR) at the National Institute of Child Health \& Human Development. The Division's mission is to conduct original research focusing on human reproduction and development, pregnancy, and child and adolescent health. Branch members conduct methodological research relevant to the design and analysis of clinical, behavioral and epidemiological studies. Specific research interests of the Branch members include ordinal data analysis, longitudinal data analysis, multiple comparison, statistical genetics, sequential methodologies, survival analysis and Bayes methods. Postdoctoral fellows will have the opportunity to pursue their own statistical research goals as well as gain experience working on DESPR scientific studies. Candidates eligible to work in the USA and with an earned doctoral degree in statistics or biostatistics within the past five years are invited to apply. Preference will be given to candidates with strong training or research in mathematical statistics and interest in biomedical applications, and with superior communication skills. Stipend is commensurate with training and relevant research experience.

Applicants should send: i) a curriculum vitae; 2) official transcripts for undergraduate and graduate degrees; 3) a statement of research interests to be pursued during training; and 4) three letters of reference to:

Dr. James F. Troendle
Senior Investigator, Biometry and Mathematical Statistics Branch
DESPR, NICHD, NIH
9000 Rockville Pike
Building 6100, Room 7Bo5, MSC 7510
Bethesda, MD 20892-75Io
Tel: 30I-435-6952
Email: jt3t@nih.gov
Further information about the Biometry and Mathematical Statistics Branch and Division may be found at: www.nichd.nih. gov/about/despr/bmsb.htm

These positions will remain open until qualified applicants are found.

DHHS and NIH are Equal Opportunity Employers.

## USA: Massachusetts

## Harvard University <br> Department of Statistics

## Assistant/Associate Professor

The Department of Statistics at Harvard University seeks applicants for a tenure-track position at the level of assistant professor or associate professor, depending on the qualifications of the candidate.
We seek candidates with strong doctoral records, exceptional teaching and research experience in "core" statistics, or with the promise of achieving such distinction, and a demonstrated commitment to collaborative research and education in one or more interdisciplinary areas.

Applicants should send a letter of application, including curriculum vita, a statement of teaching and research interests, and three professional reference letters to:

Professor Xiao-Li Meng, Chairman, Department of Statistics
Harvard University, I Oxford Street, 7th Floor
Cambridge, MA 02I38 USA
OR to search@stat.harvard.edu
Submission of an application by January 15, 2008 will ensure consideration during the current academic year.

We especially encourage applications from, and nominations of, women and minority candidates. Harvard University is an Affirmative Action/Equal Opportunity Employer.

## USA: Michigan

## Postdoctoral Fellowship in Statistical Reinforcement Learning at the

 University of MichiganThis position involves research on methods for constructing and evaluating sequential, clinical, decision making polices (dynamic treatment regimes) using experimental trial data. In this position you will have the opportunity to collaborate with statisticians, computer scientists and clinical scientists on the development of clinical trials, statistical methods and computational algorithms and in the analysis of data. To be considered for this position you must have a recent Ph.D. in Statistics, Computer Science, Operations Research or Electrical Engineering. This appointment will be for up to three years, with an annual renewal subject to satisfactory performance.

The University of Michigan is an Affirmative Action/Equal Opportunity Employer.

To apply for this position please send your CV and a statement of your interests to

Susan Murphy
stat-posting@umich.edu
Department of Statistics
University of Michigan
Ann Arbor, MI 48109-II07

## USA: Massachusetts

## HARVARD School of Public Health

 DANA-FARBER CANCER INSTITUTE Chair, Department of Biostatistics and Computational Biology Dana-Farber Cancer Institute and Professor of Biostatistics Harvard School of Public Health
The Dana-Farber Cancer Institute (DFCI) and the Harvard School of Public Health (HSPH) are seeking a distinguished statistical scientist to serve as chair of the Department of Biostatistics and Computational Biology at DFCI. The successful candidate will also be appointed as a tenured professor in the Department of Biostatistics at the Harvard School of Public Health and will provide leadership in the cancer training and research program in the department.

The Department of Biostatistics and Computational Biology at the DFCI is an active department of sixteen faculty, twelve doctoral research scientists, and fifteen masters-level statisticians conducting wide-ranging methodological research in biostatistics and computational biology and collaborative research in cancer. The department is closely affiliated with the Department of Biostatistics at HSPH, where most DFCI faculty hold joint appointments and participate in the graduate training program.

The successful candidate will be a visionary leader, internationally recognized as a pre-eminent statistical scientist with an established record of scholarship, ideally in the area of cancer research. Candidates should hold a doctoral degree in a relevant field.

For more information on the position and application procedure, please see: http://www.hsph.harvard.edu/faculty/searches/biostatistics/

> Harvard University is committed to increasing the representation of women and minorities among its faculty and particularly encourages applications from such candidates.

## USA: North Carolina

SAMSI: Postdoctoral Fellows for 2008-2009
The Statistical and Applied Mathematical Sciences Institute (SAMSI), a national institute funded by the National Science Foundation and partners in North Carolina, is soliciting applications for Postdoctoral Fellows for 2008-2009, to participate in SAMSI research programs. Postdoctoral Fellows are typically appointed for two years, earn a very competitive salary, and receive exceptional mentoring. See www.samsi.info for further information and application instructions. Members of underrepresented groups are particularly encouraged to apply. AA/EOE.

## USA: North Carolina

## SAMSI: Visiting Researchers \& Graduate Students for 2008-2009

The Statistical and Applied Mathematical Sciences Institute, a national institute in North Carolina, seeks visiting researchers and graduate students for participation in the three 2008-2009 research programs: Algebraic Methods in Systems Biology and Statistics, Sequential Monte Carlo Methods, and Meta-Analysis (a summer program). See www.samsi.info for further information. Members of underrepresented groups are particularly encouraged to apply. AA/EOE.

## USA: New Jersey

## Rutgers University

The Department of Statistics at Rutgers University invites applications for a tenure track assistant professor position, starting fall 2008. We seek candidates with research expertise in biostatistics or broad statistical applications in life sciences. Please send CV, and three letters of recommendation to:
Search Committee, Department of Statistics, Rutgers University, IIo Frelinghuysen Avenue, Piscataway, NJ 08854-8019. Rutgers University is an Equal Opportunity Employer.

## USA: New York

## Cornell University

## School of Operations Research \& Information Engineering

Postdoctoral positions and visiting assistant professorships at ORIE's Wall Street center, and at main campus in Ithaca. PhD required in OR, Mathematics, Statistics, or related field. Expertise in Financial Engineering research and proficiency in teaching are required. Involvement in the School's Masters Program in Financial Engineering is expected.

Salary appropriate to qualifications and Engineering norms. CV, i-page statement of research and teaching interests, doctoral transcript, and three letters of recommendation should be sent to Postdoctoral Search, ORIE, Rhodes Hall, Cornell University, Ithaca, NY 14853-380I. Applications completed by December 31, 2007 will be given full consideration. Women and minority candidates especially encouraged to apply. Cornell University is an AA/EOE.

## USA: North Carolina

## SAMSI: Postdoctoral Fellowships for 2008-2009

The Statistical and Applied Mathematical samsi Sciences Institute is soliciting applications from statistical and mathematical scientists for up to seven postdoctoral positions, to begin in September, 2008, or January, 2009. Appointments, at extremely competitive salaries, will typically be for two years and be made jointly between SAMSI and one of its Partners. Applicants should have received (or expect to complete) a doctorate in 2003 or later. Members of under-represented groups are particularly encouraged to apply.

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

SAMSI programs soliciting postdoctoral candidates for the year 2008-09:

- Algebraic Methods in Systems Biology and Statistics will focus upon the emerging new fields of "algebraic biology" and "algebraic statistics." This year-long program will provide a focus for the further development and maturation of these areas of research as well as their interconnections.
- Sequential Monte Carlo Methods will address fundamental challenges in developing effective sequential and adaptive simulation methods, blending computational innovation with application in areas such as control, communications, robotics engineering, finance, and macro-economics.
Postdoctoral Fellows will participate in one or more of these research programs, in collaboration with statisticians, applied mathematicians and disciplinary scientists from universities, industry, national laboratories and government agencies.

Criteria for selection include demonstrated research ability in statistical and/or applied mathematical sciences, interest and (to a lesser degree) experience in the SAMSI program areas and vision, and strength in computation and in verbal and written communication. The deadline for full consideration of applications is January 3I, 2008, although later applications will be considered as resources permit. Postdoctoral appointments may be made at any time.

SAMSI accepts only electronic applications. Additional information and the electronic application can be accessed at www. samsi.info/opportunities/postdoc.shtml. SAMSI is an Affirmative Action/Equal Opportunity employer.

## USA: North Carolina

SAMSI: Visiting employment and research opportunities 2008-2009
Visiting employment and research opportunities at the Statistical and Applied Mathematical Sciences Institute (www.samsi.info) during 2008-2009 include the following.

- Long-term research visitors, associated with the individual SAMSI programs, for periods of up to one-year. Such positions can be ideal for researchers on sabbatical or leaves. To explore such possibilities, contact the individual program leaders or write Jim Berger (berger@samsi.info).
- Postdoctoral fellowships are available, associated with individual SAMSI programs [see left]
- SAMSI New Researcher fellowships provide support of up to $\$ 20,000$ in salary for semester to year-long visiting outstanding researchers who have received their PhD within the previous 8 years. See www.samsi.info/opportunities/fellows.shtml.
- Visiting graduate student positions are available, for participation in SAMSI research programs.
Applications should consist of a letter indicating the SAMSI program of interest, a vita, and a letter from the student's advisor, to be sent to Graduate Fellowships at the SAMSI address. Members of under-represented groups are particularly encouraged to apply for these positions.


## SAMSI programs planned for the year 2008-09:

- Algebraic Methods in Systems Biology and Statistics will focus upon the emerging new fields of "algebraic biology" and "algebraic statistics." This year-long program will provide a focus for the further development and maturation of these areas of research as well as their interconnections.
- Sequential Monte Carlo Methods will address fundamental challenges in developing effective sequential and adaptive simulation methods, blending computational innovation with application in areas such as control, communications, robotics engineering, finance, and macro-economics.
- Meta-analysis: Synthesis and Appraisal of Multiple Sources of Evidence will be an intensive program in the first two weeks of June, 2008, devoted to study of this currently central topic.

SAMSI is a partnership between the National Science Foundation and the consortium of Duke University, North Carolina State University, the University of North Carolina at Chapel Hill, and the National Institute of Statistical Sciences. SAMSI is forging a new synthesis of the statistical sciences and the applied mathematical sciences with disciplinary science to confront the very hardest and most important data- and model-driven scientific challenges. SAMSI is an Affirmative Action/Equal Opportunity employer.

## USA: North Carolina

## Duke University

## Cellular Systems Biology Positions

The Department of Statistical Science (http://www.stat.duke.edu) at Duke University is a participating department in the campus-wide systems biology program. New faculty positions in the broad field of cellular systems biology are now being advertised - see the announcement and call for applications below. Appointments can be made in any participating department. Individuals whose interests and expertise are consistent with appointment in the Department of Statistical Science can email stats-sysbiology@stat.duke.edu to indicate their interest and also any enquiries. Formal application is as described in the ad below. We would also appreciate your help in bringing these opportunities to the attention of potentially interested colleagues and past students and postdocs in statistics and allied fields, as well as to the broader scientific community at your institution.

Duke University seeks applications for open rank, tenure track positions in the broad field of cellular systems biology. We seek applicants from both experimental and quantitative/computational disciplines with research interests in the molecular bases of cellular function, development, and evolution. These new appointments will substantially enhance existing Duke strengths in experimental and modeling approaches to understanding the complexity of genetic, metabolic, and signaling networks. Successful applicants will have appointments in one or more Duke departments based on mutual interests. All appointees will be affiliated with the Duke Center for Systems Biology, a cross-school, campus-wide academic center that is also one of the NIH-supported National Systems Biology Centers. Applicants should submit a curriculum vitae, a brief summary of current and proposed research, reprints of 2 or 3 key publications and a statement of teaching interests via the web at www. academicjobsonline.org. Junior candidates should arrange for three letters of recommendation to be uploaded to this website or sent directly to:

## Systems Biology Search

Duke University, Box 90338
Durham, NC 27708-0338
Senior candidates should give the names of three potential referees. Application review will begin on December 1 2007, and continue until the positions are filled.

Duke University is an Equal Opportunity/Affirmative Action Employer; women and members of minority groups are strongly encouraged to apply.


## USA: Ohio

## The Ohio State University

The Mathematical Biosciences Institute (MBI) at The Ohio State University is accepting applications for Postdoctorate positions to start September, 2008.

MBI Postdoctoral Fellows are hired for a 3 -year term. They are engaged in an integrated program of tutorials, working seminars, journal clubs, participation in workshops, and interactions with local and visiting mentors. These activities are geared toward providing the tools to pursue an independent research program with an emphasis on collaborative research in the mathematical biosciences. MBI facilitated activities for postdoctoral fellows are tailored to the needs of each young scientist. The program provides training in bioscience fundamentals to the mathematically oriented fellow as well as mathematical fundamentals to the bioscience oriented fellow.

Some positions are co-sponsored by industry or academic bioscience labs. The deadline for applications is January 18, 2008. 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.

The MBI receives major funding from the National Science Foundation Division of Mathematical Sciences and is supported by The Ohio State University

## USA: Pennsylvania

## University of Pennsylvania Department of Statistics Philadelphia, Pennsylvania

## Tenure-track or Tenured Position

The Department of Statistics (stat.wharton.upenn.edu) is seeking to fill one tenure track or tenured position at any level beginning July 2008. Applicants should show outstanding capacity and achievement in research, as well as excellent communication skills.

The department, located in the business school, is interested in applications in all scientific areas and provides services to the whole university.

Send curriculum vitae and arrange for three letters of recommendation to be e-mailed to wharton.statistics.hiring@gmail.com , or mailed to:

Andreas Buja
Department of Statistics
The Wharton School
University of Pennsylvania
Pbiladelphia, PA 19104-6340
The University of Pennsylvania is an equal opportunity affirmative action employer; women and minority candidates are strongly encouraged to apply.


We've got jobs all over the world! Check the list at www.imstat.org/jobs

## USA: Rhode Island

## Roger Williams University, Feinstein College of Arts and Sciences

Visiting Assistant Professor of Mathematics/Statistics
Review of applications will begin January 15, 2008 and will continue until the position is filled.

Description and Responsibilities:
The Department of Mathematics invites applications from candidates specializing in the area of Statistics. In order to be considered for this position a candidate must demonstrate an active interest in teaching at the undergraduate level, be committed to ongoing curriculum development, and be interested in forging interdisciplinary curricular and/or research collaborations both within the University and well as with outside academic institutions, government, and industry.

Additional duties include curriculum development and consultation on student and faculty research projects in other departments. The standard teaching load is 12 contact hours per semester. There is a possibility of renewal for up to an additional two academic years.

In general, all RWU visiting faculty must demonstrate effectiveness in the following three categories: 1 ) teaching; 2) academic advising and program development; 3) scholarly, professional and/or creative activities.

## Qualifications:

Candidates must hold a Ph.D. in statistics, have significant experience teaching at the university level, and be well-versed in applying state-of-the-art statistical methods in government, public health, or industry settings.

## Contact Person:

Please contact the search committee chair, Dr. Yajni Warnapala (ywarnapala-yehiya@rwu.edu) for further information.

## To Apply:

Qualified applicants should send: i) letter of intent including statements of teaching philosophy and research interests; 2) a current vita; 3) names and contact information of at least three references. Applications should be submitted to:

Mathematics Department Search Committee (ref. \#FACo7-or9)
C/O Dean of Arts \& Sciences
Roger Williams University
One Old Ferry Road
Bristol, Rhode Island 02809-292 I

About Roger Williams University:
Roger Williams University offers an outstanding benefits package and salary commensurate with qualifications, as well as a superb quality of life in a scenic setting. Please visit http://www.rwu.edu for more information.

Roger Williams University is an Equal Opportunity Employer committed to inclusive excellence and encourages applications from underrepresented populations.

## USA: Texas

Texas A\&M University: Training Program for New and Established Investigators in Bioinformatics, Biostatistics and the Biological Basis of Nutrition and Cancer


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 PhD 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 PhDs) by February 15, 2008 to:

Raymond Carroll
Department of Statistics
Texas A $\prec M$ University
College Station TX 77843-3143
carroll@stat.tamu.edu
AA/EOE

## USA: Texas

## Texas Tech University

The Department of Mathematics and Statistics invites applications for several positions at the tenure-track assistant-professor level beginning fall 2008. Priority will be given to candidates in computational mathematics, dynamical systems, mathematical biology and medicine, and ordinary and/or partial differential equations. Other candidates may be considered if they can demonstrate significant accomplishments compatible with existing departmental areas.

A successful candidate should exhibit strong promise or accomplishment in teaching and scholarly activities, and should have the potential to interact with research groups within the department and the university. A PhD or equivalent degree at the time of appointment is required. Texas Tech is committed to diversity among its faculty.

Applications should be submitted at http://jobs.texastech.edu using requisition number 75344 and should include completed AMS standard cover sheet and resume.

Three letters of reference plus any material in addition to that completed online should be sent to:

Professor Robert Byerly, Hiring Committee Chair
Dept. of Mathematics and Statistics
Mail Stop 1042
Texas Tech University
Lubbock, TX 79409-I042
math.hiring@ttu.edu
Review of applications will begin immediately.
Texas Tech is an AA/EO employer.

## USA: Wisconsin

## Medical College of Wisconsin

The Division of Biostatistics has openings for two Assistant Professors. Both positions involve teaching in the Graduate Program in Biostatistics, collaborative and original statistical research. One involves additional teaching in a newly created program in Population Health. Candidates should hold a PhD in Biostatistics or Statistics or be finishing work on their degree. While all areas of research are eligible to apply we are most interested in candidates with an interest in statistical genetics, design of clinical trials, Discrete Data Analysis, Nonparametric or Semi-Parametric Statistics, Large Scale Data Analysis, Image Analysis, Bayesian or Classical Inference, Spatial Statistics, Longitudinal Data Analysis, sampling, and Survival Analysis. Send vita, graduate transcript and three letters of reference to Kellie Bialzik, Division of Biostatistics, Medical College of Wisconsin, 870 I Watertown Plank Road, Milwaukee, WI 53226 or by e-mail to kbialzik@mcw.edu. For more information visit our website at www.biostat.mcw.edu

# International Calendar of Statistical Events 

IMS meetings are highlighted in maroon with the ims logo and new or updated entries have the $\mathcal{C}=W$ symbol. $t$ means telephone, f fax, e email and w website. Please submit your meeting details and any corrections to Elyse Gustafson at erg@imstat.org

## January 2008

January 1-4: Indian Statistical Institute, Kolkata, India. International Conference on Statistical Paradigms: Recent Advances and Reconciliations. Contact Ashis SenGupta, Indian Statistical Institute e statparconf@gmail.com whttp://www.isical.ac.in/~statconf08

[^1]January 7-11: Isaac Newton Institute, Cambridge, UK. Workshop on Contemporary Frontiers in High-dimensional Statistical Data Analysis. Organizers: David Banks, Mike Titterington, Sara van de Geer. w www.newton.cam.ac.uk/programmes/SCH/schw01.html

January 9-11: Bormio, Italy. MCMSki II: Markov Chain Monte Carlo in Theory and Practice. Third joint international meeting of the IMS and ISBA. Program Chairs: Bradley P. Carlin and Antonietta Mira. w http://musing.unipv.it/IMS-ISBA-08/

January 11-12: Gainesville, Florida. University of Florida Tenth Annual Winter Workshop: Bayesian Model Selection and Objective Methods. w http://www.stat.ufl.edu/symposium/2008/index.html

January 13-16: SAMSI, North Carolina. SAMSI program on Environmental Sensor Networks. w http://www.samsi.info/workshops/ 2007sensor-opening200801.shtml

January 21-23: CongresHotel De Werelt, Lunteren, Netherlands. 7th Winter School on Mathematical Finance.
w http://www.science.uva.nl/~spreij/stieltjes/winterschool.html

January 31 -February 1: Rennes, France. 6th Workshop: Statistical methods for post-genomic data. Contact David Causeur, Agrocampus Rennes e david.causeur@agrocampus-rennes.fr w http://www.agrocampus-rennes.fr/math/SMPGD08/

## February 2008

February 22-23: CIMAT, Mexico. Ist Canada-Mexico Statistics meeting. Contact Rosy Davalos e rosa@cimat.mx whttp://www.cimat.mx/Eventos/canada-mexico-SM/

February 28 - March 2: University of Notre Dame, Indiana. Emerging Directions in Probability and Statistics. w www.cam.nd.edu/ upcoming-conferences/spring2008

## March 2008

March 4-7: Aachen, Germany. 8th German Open Conference on Probability and Statistics ("Aachener Stochastik-Tage 2008"). Contact Christine Müller, University of Kassel e gocps2008@ stochastik.rwth-aachen.de w http://gocps2008.rwth-aachen.de

March 9-12: Lahore, Pakistan. LUMS 2nd International Conference on Mathematics and its Applications in Information Technology 2008. w http://web.lums.edu.pk/licm08

NEW March 10-14: EURANDOM, Eindhoven, The Netherlands. YEP-V workshop: Statistical Mechanics on Random Structures whttp://www.eurandom.tue.nl/workshops/2008/YEPV/ YepVmain.htm

[^2]March 31 - April 4: Isaac Newton Institute, Cambridge, UK. Workshop on High dimensional Statistics in Biology. w www. newton.cam.ac.uk/programmes/SCH/schw02.html

## April 2008

[^3]
# International Calendar continued 

NEW April 14-16: University of Warwick, UK. Research Workshop on Bayesian Analysis of High Dimensional Data. Parallel to workshop on Composite Likelihood Methods (see above). Organizing Committee: David Banks, Jim Griffin, Fabio Rigat and Mark Steel. whttp://go.warwick.ac.uk/bhdworkshop

April 15-17: University of Warwick, UK. Workshop on Composite Likelihood Methods. w http://go.warwick.ac.uk/ complik2008

April 18-19: University of Florence, Firenze, Italy. Evolution Equations in Pure and Applied Sciences: a Symposium in Honour of Aldo Belleni-Morante. Paolo Maria Mariano e paolo.mariano@ unif.it w http://www.dma.unifi.it/eepas

April 21-25: Bedlewo, near Poznan, Poland. International Conference on Trends and Perspectives in Linear Statistical Inference, LinStat2008, in celebration of Tadeusz Caliński's 8oth Birthday. Contact Katarzyna Filipiak e linstat@au.poznan.pl whttp://linstat08.au.poznan.pl/

## May 2008

NEW May 1-3: Indian Institute of Management, Kozhikode. International Conference on Statistics and its Applications in Management (ICSAIM2008). Prof G Chaudhuri e icsaim2008@ iimk.ac.in w http://www.iimk.ac.in/forthcoming conferences/seminars

May 19-23: Centro Stefano Franscini, Ascona, Switzerland. Sixth Seminar on Stochastic Analysis, Random Fields and Applications. w http://www.math.univ-paris13.fr/~russo/ASCONA08/Ascona08.html

[^4]May 26-30: Luminy, France. Fifth Conference on High Dimensional Probability. Organizers: Christian Houdré houdre@math. gatech.edu, Vladimir Koltchinskii vlad@math.gatech.edu, David Mason davidm@udel.edu, Magda Peligrad magda.peligrad@uc.edu w http://www.math.gatech.edu/news/conferences/hdp08/

May 28-30: Sanya, Hainan, China. 2008 International Congress on Image and Signal Processing (CISP 2008). e cisp2008@hainu. edu.cn whttp://www.hainu.edu.cn/CISP2008

## June 2008

June 2-7: CRM, Montréal. Mathematical Aspects of Quantum Chaos [CRM program]: Probabilistic Methods in Mathematical Physics] w http://www.crm.umontreal.ca/Mathphys2008/chaos_e.shtml

June 5-6: Kaiserslautern, Germany. Workshop on Bootstrap and Time Series. e bootstrap08@mathematik.uni-kl.de wwww. mathematik.uni-kl.de/~bootstrap08
ims June 8-11: Protaras, Cyprus. International Workshop on Recent Advances in Time Series Analysis.
IMS Rep: Rainer von Sachs, UC Louvain, Belgium. w www.ucy.ac.cy/~rats2008/

NEW - ims June 11-13: Hangzhou, China. IMS-China International Conference on Statistics and Probability. Contact (China) Zhengyan Lin ezlin@zju.edu.cn or (elsewhere) Xiaotong Shen exshen@stat.umn.edu whttp://www.stat.umn.edu/~statconf/ imschina/

June 11 - July 8: Vancouver, BC, Canada. 2008 PIMS/UBC
Summer School in Probability. w http://pims.math.ca/science/2008/ 08ssprob/

June 19-21: Université Paul Sabatier, Toulouse, France. First International Workshop on Functional and Operatorial Statistics. Contact Karim Benhenni and Sonia Hedli-Griche, Université Pierre Mendes-France, Grenoble. t 0476825707 e Karim.Benhenni@ upmf-grenoble.fr w http://www.lsp.ups-tlse.fr/staph/IWFOS2008

[^5]
#### Abstract

June 22-27: University of California at Santa Barbara. NSF/CBMS Regional Conference on Convex Duality Method in Mathematical Finance. w http://www.pstat.ucsb.edu/projects/cbms/

June 23-27: Isaac Newton Institute, Cambridge, UK. Workshop on Future Directions in High-dimensional Data Analysis: New Methodologies, New Data Types and New Applications. w www. newton.cam.ac.uk/programmes/SCH/schw03.html


June 23-28: École Normale Supérieure, Paris, France. Stochastic Networks Conference 2008. Chairs: François Baccelli, J. Mairesse. whttp://www.di.ens.fr/~baccelli/stonet08.html
ims June 23 - July 4: Cornell University, Ithaca, NY. 4th Cornell Probability Summer School. Probability problems that arise from ecology. whttp://www.math.cornell.edu/~durrett/CPSS2008/

June 26-28: University of Coimbra, Portugal. Workshop on Nonparametric Inference: WNI2008.
w http://www.mat.uc.pt/~wni2008

June 30 - July 5: CRM, Montréal. Integrable Quantum Systems and Solvable Statistical Mechanical Models [CRM program]. w http://www.crm.umontreal.ca/Mathphys2008/integrable_e.shtml

## July 2008

July 1-4: Prague, Czech Republic. ISBIS-2008: International Society of Business and Industrial Statistics. Milena Zeithamlova e milena@action-m.com whttp://www.action-m.com/isbis2008

July 6-19: Saint-Flour, France. 38th Saint-Flour Probability Summer School. w http://math.univ-bpclermont.fr/stflour/
ims July 7-10: Université de Technologie, Compiègne, France. IWAP2008: International Workshop on Applied Probability.
Contact: N. Limnios e nikolaos.limnios@utc.fr and J. Glaz ejoseph. glaz@uconn.edu whttp://www.Imac.utc.fr/IWAP2008/

July 13-18: University College, Dublin, Ireland. IBC2008: XXIVth International Biometric Conference.
w http://www.conferencepartners.ie/ibcdublin2008/

July 14-18: Sandbjerg, Denmark. Efficient Monte Carlo: From

Variance Reduction to Combinatorial Optimization. Conference on the occasion of Reuven Y. Rubinstein's 70 birthday. Contact Oddbjørg Wethelund $\mathbf{t}+4589423515$ whttp://www.thiele.au.dk/Rubinstein/

[^6]July 15-17: Leeds, UK. LASR 2008: The Art and Science of Statistical Bioinformatics. Stuart Barber e workshop@maths.leeds. ac.uk whttp://www.maths.leeds.ac.uk/lasr2008

July 21-25: Hamilton Island, Australia. International Society for Bayesian Analysis 9th World Meeting.
e isba08@qut.edu.au whttp://www.isba2008.sci.qut.edu.au

July 23-26: Tomar, Portugal. 17th International Workshop on Matrices and Statistics (IWMSo8) in Honor of Professor T.W. Anderson's 90th Birthday. Contact Professor Francisco Carvalho $\mathbf{t}+35$ I 249328 ıoo; efpcarvalho@ipt.pt wwww.ipt.pt/iwms08

July 24-26: University of Vienna, Austria. Current Trends and Challenges in Model Selection and Related Areas. whttp://www.univie.ac.at/workshop_modelselection/

UPDATED - ims July 29-August 2: Boulder, CO. in th IMS North American Meeting of New Researchers in Statistics and Probability. Ryan Elmore. Deadline February i. w http://www.stat.rutgers. edu/~rebecka/NRC

## August 2008

ims August 3-7: Denver, Colorado. JSM2008. whttp://www.amstat.org/meetings/jsm/2008/

August 4-9: CRM, Montréal. Stochastic Loewner Evolution and Scaling Limits [CRM program] whttp://www.crm.umontreal.ca/ Mathphys2008/loewner_e.shtml

NEW August 17-21: Copenhagen, Denmark. ISCB-29: International Society for Clinical Biostatistics. w www.iscb2008.info Continues on page 38

## International Calendar continued

August 18-23: CRM, Montréal. Laplacian Growth and Related Topics [CRM program] w http://www.crm.umontreal. ca/Mathphys2008/laplacian_e.shtml

August 25-30: CRM, Montréal. Random Matrices, Related Topics and Applications [CRM program] w http://www.crm. umontreal.ca/Mathphys2008/matrices_ e.shtml

## September 2008

September 1-6: CRM, Montréal. Random Tilings, Random Partitions and Stochastic Growth Processes [CRM program] w http:// www.crm.umontreal.ca/Mathphys2008/ tilings_e.shtml

September 29 - October 4: CRM, Montréal. Quantum Many-Body Systems, Bose-Einstein Condensation [CRM program] whttp://www.crm.umontreal.ca/ Mathphys2008/bose-einstein_e.shtml

## December 2008

NEW December 1-3: Hanoi, Vietnam. 2008 International Conference on Applied Probability and Statistics (CAPS 2008) w http://www.action-m.com/CAPS2008/

## January 2009

January 4-10: CRM, Montréal. Random Functions, Random Surfaces and Interfaces [CRM program] w http://www.crm. umontreal.ca/Mathphys2008/functions_ e.shtml

## March 2009

ims March 15-18: Grand Hyatt, San Antonio, Texas. 2009 ENAR/IMS Spring Meeting. w www.enar.org/meetings.cfm

## May 2009

May 18-23: CRM, Montréal. Interacting Stochastic Particle Systems [CRM program] whttp://www.crm.umontreal. ca/Mathphys2008/stochastics_e.shtml

May 31 - June 3: Vancouver, Canada. 2009 SSC Annual Meeting. Local Arrangements: Nancy Heckman (UBC). Program: Wendy Lou (Toronto) whttp://www.ssc.ca/main/ meetings_e.html

## June 2009

June 8-13: CRM, Montréal. Disordered Systems: Spin Glasses [CRM program] whttp://www.crm.umontreal. ca/Mathphys2008/spin_e.shtml

## July 2009

July 12-15: Cornell University, Ithaca, NY. 2009 Applied Probability Society Conference. Co-organizers: Shane Henderson and Mark Lewis. ims

July 27-31: Berlin, Germany. 33rd Conference on Stochastic Processes and their Applications. Organising committee chair: Jochen Blath; co-chair: Peter Imkeller. w http://www.math.tu-berlin.de/SPA2009/

## August 2009

August 2-6: Washington, DC. IMS Annual Meeting at JSM2009

## May 2010

May 23-26: Québec City, Canada. 2010 SSC Annual Meeting. Local Arrangements: Thierry Duchesne (Université Laval) w http://www.ssc.ca/main/meetings_e.html

## August 2010

[^7]August 19-27: Hyderabad, India.
International Congress of Mathematicians 2010. Program Committee Chair: Prof. Hendrik W. Lenstra, Leiden University e hwlicm@math.leidenuniv.nl

## July 2011

July 31 - August 4: Miami Beach, Florida. IMS Annual Meeting at JSM2oi i.

## July 2012

July 29 - August 2: San Diego, California. JSM2orı.

## August 2014

## Membership and Subscription Information

## Journals:

The scientific journals of the Institute of Mathematical Statistics are The Annals of Statistics, The Annals of Probability, The Annals of Applied Statistics, The Annals of Applied Probability, and Statistical Science. The IMS Bulletin is the news organ of the Institute.

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| Issue | Advertisement | Online by | Scheduled Mail |
| 1: January/February | December 1 | December 15 | January 1 |
| 2: | March | February 1 | February 15 | March 1

News of members, announcements and information about meetings, and new job opportunities.

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## DEADLINE sutbmissions February 1, 2008

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## Kakuro corner

How to play: Place single digits ( 1 to 9 inclusive) in the white boxes in the grid. The row or column of digits which make up a sequence must add up to the black box to the left or at the top. Each digit in a sequence must be different. In the example below, the first row sequence is to make 8 :


No repeated digits in a sequence.

This row sequence doesn't add up to 8.

| 8 | 5 | $\mathbf{2}$ | $\ldots$ this one does! (So does |
| :--- | :--- | :--- | :--- |
| $1,2,5$ | and $3,1,4$ and so on) |  |  |


| $17$ | $45$ | $44$ | $12$ |  | $45$ | $\sqrt{23}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $29$ |  |  |  | $36^{8}$ |  |  |
| $37$ |  |  |  |  |  |  |
| $423$ |  |  |  |  |  |  |
| $37$ |  |  |  |  |  |  |
| $18$ |  |  | $28^{13}$ |  |  |  |
| $10^{22}$ |  |  |  |  |  |  |
| $36$ |  |  |  |  |  | $12$ |
| $41$ |  |  |  |  |  |  |
| $16$ |  | $10$ |  |  |  |  |




[^0]:    IMS co-sponsored meeting
    International Workshop on Recent Advances in Time Series Analysis June 8-11, 2008. Protaras, Cyprus
    w www.ucy.ac.cy/~rats2008/
    IMS Rep: Rainer von Sachs (UC Louvain, Belgium).
    Call for posters: extended abstracts (I to 2 pages) should be submitted electronically to fanis@ucy.ac.cy by 1 March 2008. Registration forms and local information are available on the website.

    Program includes: Murray Rosenblatt, Michael Neumann, Peter Brockwell, Rainer Dahlhaus, Peter Robinson, Dag Tjostheim, Richard Davis, Dimitris Politis, Anestis Antoniadis, Helmut Luetkepohl, Manfred Deistler, Thomas Mikosch.

[^1]:    January 6-8: Bormio, Italy. Adap'Ski o8 (satellite meeting to MCMSki II). Workshop on Adaptive Monte Carlo methods. Organizers: Christophe Andrieu, H. Haario, Christian Robert. Participants must register for MCMSki meeting (see below) w http://www.maths.bris.ac.uk/~maxca/adapski08/

[^2]:    March 16-19: Hyatt Regency Crystal City, Arlington, VA. 2008 ENAR/IMS Spring Meeting. w www.enar.org/meetings.cfm

[^3]:    ims April 3-5: University of Delaware, Newark. 2008 Seminar on Stochastic Processes. Including a session in honor of the late Frank Knight's mathematical career. w http://www.math.udel.edu/~sturm/SSP08main.html

[^4]:    NEW May 22-25: University of Connecticut-Storrs. International Indian Statistical Association (IISA) conference on Frontiers of Probability and Statistical Science. Local organizing committee: Dipak K. Dey; Nitis Mukhopadhyay, Chair, e nitis.mukhopadhyay@ uconn.edu and Nalini Ravishanker. w http://merlot.stat.uconn. edu/~nitis/IISA2008/index.htm

    May 25-29: Ottawa, Canada. 2008 Joint Meeting of SSC and the Société Française de Statistique. Local Arrangements: Pierre Lavallée, Statistics Canada e pierre.lavallee@statcan.ca . Program: Bruno Rémillard (HEC Montréal) e bruno.remillard@hec.ca w http://www.ssc.ca/2008/index_e.html

[^5]:    June 22-25: University of California, Davis. 2008 WNAR/ IMS Western Regional Meeting. IMS Program Chair: Charles Kooperberg whttp://www.wnar.org

[^6]:    ims July 14-19: Singapore. IMS Annual Meeting/7th World Congress in Probability and Statistics. Local chair: Louis Chen. whttp://www.ims.nus.edu.sg/Programs/wc2008/index.htm e wc2008_general@nus.edu.sg

[^7]:    ims August 1-5: Vancouver, British Columbia, Canada. JSM2oio.

