

December 2007

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Singapore meeting: registration open

Registration and abstract submission are now open for the next IMS Annual Meeting, the Seventh World Congress in Probability and Statistics, held jointly with the Bernoulli Society, from July 14–19, 2008, in Singapore. Details about the meeting, including accommodation registration forms, are at www.ims.nus.edu.sg/Programs/wc2008/index.htm

Chair of the Local Organizing Committee, Louis Chen, urges participants to make hotel reservations early, as the Congress dates coincide with the peak travel season in Singapore as well as several other large conventions. Most hotels in Singapore will be fully booked in advance during this period.

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: Wald Lectures: **Rick Durrett**, Neyman Lecture: **Peter McCullagh**, and IMS Medallion Lectures from **Martin Barlow**, **Mark Low**, and **Zhi-Ming Ma**. Also special Bernoulli Society lectures from **Jianqing Fan** (Laplace Lecture), **Alice Guionnet** (Lévy Lecture), **Douglas Nychka** (Public Lecture), **David Spiegelhalter** (Bernoulli Lecture), **Alain-Sol Sznitman** (Kolmogorov Lecture) and **Elizabeth Thompson** (Tukey Lecture). IMS and the Bernoulli Society are also sponsoring two BS–IMS Special Lectures from **Oded Schramm** and **Wendelin Werner**.

So if you're coming to Singapore, register soon. We look forward to seeing you there.

Singapore Marina Bay



Photo: Calvin Teo/Wikimedia Commons

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IMS Members' News

Applied Probability Society's Best Publication Award

On November 6, 2007, H. Christian Gromoll, Amber L. Puha and Ruth J. Williams were awarded the 2007 Best Publication Award by the Applied Probability Society of INFORMS for the three papers, all published in the *Annals of Applied Probability* (AAP): "The Fluid Limit of a Heavily Loaded Processor Sharing Queue" (Gromoll, Puha and Williams, AAP 2002, 12, 797-859); "Invariant States and Rates of Convergence for a Critical Fluid Model of a Processor Sharing Queue" (Puha and Williams, AAP 2004, 14, 517-554); and "Diffusion Approximation for a Processor Sharing Queue in Heavy Traffic" (Gromoll, AAP 2004, 14, 555-611). The award is given every two years and recognizes a recent outstanding contribution to the field of applied probability. The citation for the award read, in part, *"These three papers provide a meticulous elegant treatment of the measure-valued processes associated with processor sharing queues. They solve outstanding difficult problems, which advances the state of the art of Applied Probability. They have also provided a foundation for subsequent limit theorems and approximations of additional complex systems, from many-server parallel queues that model call centers to bandwidth sharing communications networks that model the Internet."*

Amber Puha, H. Christian Gromoll and Ruth Williams receive their plaques from Jim Dai



Photo: Marty Reiman, APS

APS Membership for IMS members

As an IMS member, you can join the Applied Probability Society of INFORMS at a special rate of just \$10.00. Obtain this discounted membership rate by renewing your IMS membership online at: <https://www.imstat.org/secure/orders/IndMemRenew.asp>

Scott Zeger receives Marvin Zelen Leadership Award in Statistical Science

The Department of Biostatistics at the Harvard School of Public Health named Scott L. Zeger as the recipient of the 2007 Marvin Zelen Leadership Award in Statistical Science. Dr Zeger is the Frank Hurley and Catherine Dorrier Professor in Biostatistics at Johns Hopkins Bloomberg School of Public Health. He delivered a lecture entitled *"The Symbiosis of Statistical Science and Biomedicine: Past and Future"* on June 1 at Harvard University.

See page 5 for a call for nominations for next year's award.

David Kendall: 1918–2007

David George Kendall, an IMS Fellow and "grand old man of British probability", died peacefully on 23 October 2007, aged 89. David had spent most of his career at the Universities of Oxford and Cambridge. His work on applied probability, stochastic geometry and its applications, and the statistical theory of shape, had earned him a reputation worldwide as a scientist of the greatest distinction. Among many awards were the RSS Guy Medals in Silver and Gold; Wilks Prize; Hotelling, Rietz and Kolmogorov Lecturer; and Fellow of the Royal Society. An obituary will follow.

New IMS Affiliated Journal

Probability and Mathematical Statistics becomes an IMS Affiliated Journal

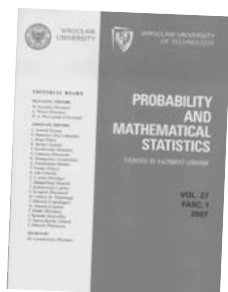
Probability and Mathematical Statistics (PMS), a journal of the Kazimierz Urbanik Center for Probability and Mathematical Statistics in Poland, is now an IMS affiliated journal.

PMS is jointly sponsored by Wrocław University and Wrocław University of Technology. The purpose of the journal is to publish original contributions to the theory of probability and mathematical statistics. All papers in this open access journal are refereed.

PMS was founded in 1980 and its establishment was a result of the initiative of the

Wrocław probability community led by Kazimierz Urbanik and Czesław Ryll-Nardzewski, and statistics community represented by Witold Klonecki. They served as Editors of the journal during the first twenty-five years of its existence, with Urbanik shouldering the role of the Editor-in-Chief. The current managing editors of the journal are W. Szczotka, A. Weron and W.A. Woyczyński.

For more information on *PMS* and to submit papers, please visit the web site: <http://www.imstat.org/publications/affiliated.html>



IMS Journal Affiliation Goals and Requirements

GOALS OF JOURNAL AFFILIATION

- To encourage independent, non-profit journal development in the field of probability and statistics.
- To provide the affiliated journal increased visibility, especially to IMS members and visitors to the IMS website.
- To allow listing and aggregation of content from a variety of sources thus providing the IMS a more interesting web portal.
- To generate awareness of IMS in the community supporting the IMS affiliated journal.

REQUIREMENTS

- The journal's focus should be of interest to some segment of IMS membership. As well as journals covering major branches of probability and statistics, more specialized journals may be appropriate, for instance in fields like applied probability and operations research, Bayesian statistics, machine learning, mathematical finance, queuing theory, statistical genomics, statistical physics or statistical software.
- The journal must be controlled by a non-profit entity.
- The journal can be available in electronic, print or both.
- Journal articles must be peer-reviewed.
- The journal must have high editorial standards, both for its scientific content and for the technical quality of publication (whether in print or electronically)
- The journal should provide a mission statement suitable for display on the IMS website.
- The journal should provide and maintain contact information for email correspondence with IMS.

For more information or to apply for journal affiliation, visit <http://www.imstat.org/publications/affiliated.html>

IMS Editors

IMS Journals and Publications

Annals of Statistics: 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>

IMS Co-sponsored Journals 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 l'Institut Henri Poincaré (B): Alice Guionnet
<http://imstat.org/aihp/>

IMS 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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Big Questions for Junior Faculty

Nicole Lazar, Department of Statistics at the University of Georgia, responds to the articles in the last issue on how we should evaluate the research of junior faculty members.



As the youngest of the Contributing Editors for the *Bulletin*, I am happy to give my perspective on evaluating the research of junior faculty. I read with interest the remarks of Professors Gelfand, Green, and Nair in the November edition and obviously found myself in agreement with much of what they wrote.

On the question of “quality versus quantity”, I think that the former is without doubt more important than the latter. You don’t want your tenure case to stand (or fall!) on a series of “epsilon improvement papers” (as my friends and I call them). This doesn’t mean that you should spend your untenured years working on that one big breakthrough paper, and that alone—balance is important. Find topics that you enjoy working on, whether theoretical or applied, and the interesting, innovative papers will come. Also, the advice I give to my students and junior colleagues is to aim for the top journal that might be interested in their work; if a paper gets rejected from *The Annals of Statistics* there are still plenty of fine journals to which it can be submitted. Now that many statistics journals are trying to shorten the turnaround time on papers, this approach is actually feasible, unlike when I was an Assistant Professor.

Regarding “interdisciplinary work” and more generally publishing in non-statistics journals, I agree with our more senior colleagues that routine application of statistical methods is not truly interdisciplinary. Rather, what you should aim for (if you are interested in this type of research) is real collaboration with a scientist in another discipline. Learn the science and the statisti-

cal techniques that are currently being used. Then you will be in a position to make strong methodological contributions that will advance both the application area and statistics. This requires more investment of time and energy, but ultimately I believe it pays off.

After all, one of the benefits of being statisticians is that we get to play with everyone’s data; that play is much more enjoyable if you actually understand what the data mean and why they are important.

Here in the Statistics Department at University of Georgia, substantive publications in top-notch subject matter journals are highly valued, and ultimately the work has to be evaluated by our peers regardless of where it is published.

Do you need to write single-authored papers to show independence? I think not. It clearly won’t hurt you to have single-authored papers in good statistics journals, but as others have noted, there are many ways of demonstrating your independence as a young researcher. Here is another way in which following your own interests will lead to success in the long run. You have a unique set of skills and interests; in other words, you aren’t a carbon copy of any other statistician out there, not even your advisor. If you pursue those directions that intrigue and fascinate you, over the years you will build up a body of distinctive work, that only you could have produced, without even being aware of it. You don’t want to be too scattered, especially in the years before tenure; so pick a couple of areas of focus and stick with those. There is plenty of time after tenure to develop old interests more fully, or to discover new ones.

Finally, as a piece of general advice,

you should do what you can to learn the culture of your department. Most statistics departments at least pay lip-service to the importance of interdisciplinary research.

But my sense is that some mean it more than others, and that in many departments you will find the tenure process easier if you follow the old, standard pattern of single-authored papers in the top statistical journals (although I also have the impression that fewer and fewer departments see that as the sole path to tenure). Talk to your senior colleagues; if you have a mentor in your department, talk to that person openly. Find out what is really valued. If you are the lone statistician in a math department, you might need to educate your colleagues about our journals and the types of research we do. An awareness of the standards that your departmental colleagues will use in evaluating you for promotion and tenure, coupled with developing a research agenda that truly reflects your interests (and not just the passing fads of the moment) should make the process smoother and prevent surprises at the end.



Thanks to Nicole for sharing her views. Your opinions are also worth sharing. Do you have advice for junior faculty? Do you publish mainly single-authored papers? What do you think about this issue? We’d be pleased to hear from you: email us at bulletin@imstat.org

Science versus Justice in the Netherlands

Richard Gill is professor of Mathematical Statistics at the University of Leiden, member of the Royal Dutch Academy of Sciences, and President of the Dutch Statistical Society. He has been professionally interested for some time in the case of Lucia de Berk, a nurse convicted for murder on the basis of bad statistics. His scientific opinion is that no murders or murder attempts were actually committed by anybody. Lucia de Berk simply experienced a run of bad luck. According to Richard's research, one in nine Dutch nurses would experience, in similar circumstances, a similar concentration of "incidents" on their shifts, as Lucia did at two hospitals in The Hague. Fortunately for the Dutch tax-payer, almost all of the "incredible coincidences" simply go unnoticed, or are immediately taken just for what they are: a bit of bad luck.

We print here the official joint press release from the University of Leiden and the Centre for Mathematics and Computer Science in Amsterdam, which reports the request from over 800 renowned international scientists, medical experts, and members of the public, for the immediate reopening of the case.



Lucia de Berk

Photo: Fabienne Kuiper

A petition was submitted to the Minister and to the Secretary of State for Justice, requesting an immediate reopening of the case of the nurse Lucia de Berk, on Friday 2 November at 11.00 a.m. in the Hague. Ms de Berk was convicted for 7 alleged murders and 3 alleged attempts at hospitals in the Hague from 1997 to 2001. More than 80 eminent professors signed the (open, internet) petition, including almost all the Dutch professors in statistics, medical statistics and probability. Among the renowned foreign scientists who signed the petition are: the British authors of the present standard academic text on statistics and law; the president of the Royal Statistical Society (London); two members of the Swedish Academy of Sciences; the president-elect of the International Federation of Societies of Toxicologic Pathologists; and perhaps the most eminent statistician in the world, Sir David Cox, Master of Nuffield College, Oxford. The petition only states that the evidence against Lucia is not convincing, on scientific grounds. No statement is made concerning guilt or innocence. The petition was delivered to their excellencies by Prof. Richard Gill (University of Leiden), who is president of the Dutch Society for Statistics and Operations Research and member of the Royal Dutch Academy of Sciences, and by Dr. Peter Grünwald, mathematical statistician at the Centre for Mathematics and Computer Science, Amsterdam.

istician at the Centre for Mathematics and Computer Science, Amsterdam.

Gill and Grünwald claim that the courts overlooked essential statistical and medical insights. This is also the conclusion of the Committee for Evaluation of Closed Cases, which presented their results earlier this week, after a year's study. That committee reported that there is disagreement among scientific experts, but refrained from stating who is to be believed. Gill and Grünwald have no hesitation in taking that step. They point out that

- (a) all competent statisticians, both within the Netherlands and internationally, who have studied the case, come to exactly the same conclusion as themselves: *there is no strong statistical evidence that Lucia de Berk had anything at all to do with the deaths at the hospitals* (deaths of young babies with multiple and severe genetic defects in one hospital, and deaths of terminally ill in a geriatric ward in another);
- (b) two of the world's most competent medical experts on the subject of digoxine poisoning (and the only two experts who have been consulted) state categorically that baby Amber can not have died of digoxine poisoning; and
- (c) because Lucia's conviction is based on a so-called chain argument (much weaker

evidence is needed for subsequent cases, after the first has been "proved" according to normal legal standards), the preceding now implies that the rest of the case has collapsed. They note, by the way, that the "chain argument" is actually an implicit use of correct statistical (Bayesian) reasoning (but: garbage in, garbage out); and furthermore, that statistical and medical evidence combined suggests that there never were any murders at all.

The petitioners are very aware that it is the Supreme Court, and not the Minister, who decides on reopening of a closed case. Because of this, Stijn Franken, Lucia's defence lawyer, will submit the petition to the Procurator General of the Supreme Court. For the same reason, the petition remains open for further signatures, till the Supreme Court has taken their decision. According to Mr Brouwer, chief Procurator-General of the Netherlands and head of the Public Ministry, the report submitted to him by the three wise men only represented "half-time", and because of this, he refused to make any statement at all about the direction the case would go now. For this very reason, growing numbers of scientists continue to sign the petition, daily.

The petition can be found at <http://www.ipetitions.com/petition/lucia/>

Göttingen, Berlin, Munich, Dortmund, Freiberg, Freiburg: Statistics in Germany

In this title, Göttingen stands for Gauss as well as for the mathematical roots of statistics. Freiberg and Freiburg are extremal points (at least in a geographical sense), and the other places are not simply a convex combination of these, but a random selection from a number of important statistics sites in Germany.

Carl Friedrich Gauss (1777–1855) was professor of astronomy and director of the astronomical observatory in Göttingen. He is cited here not only as a creator of a number of statistical tools. Gauss is ranked as one of history's most influential mathematicians, and he also contributed in a remarkable way to many other fields of science, including geodesy, astronomy and physics. Altogether he represents branches of science which were to make Göttingen a leading university in the world.

Göttingen represents the “golden age” of mathematics and physics in Germany. It is clear that the mathematical achievements at that time also had a large impact on probability and statistics. David Hilbert taught at Göttingen, and he included the call for the axiomatization of probability theory into his famous list of twenty-three problems in mathematics. However, it was part of the sixth problem, which is on the axiomatization of physics. Obviously Hilbert considered probability theory as a branch of physics. This is a natural consequence of the prominent role of statistical mechanics in the second half of the nineteenth century. Subsequently additional impulses came from physicists, the most influential being Albert Einstein.

Many famous researchers in probability and statistics studied in Göttingen or visited the university. For example, John von Neumann was Hilbert's assistant, and Norbert Wiener visited David Hilbert and Edmund Landau. In 1918, an Institute of Mathematical Statistics was founded in Göttingen. Felix Bernstein was appointed the first Chair of Actuarial Mathematics there in 1921. He had been a student of Cantor and Hilbert, and most of his activity was in statistics, actuarial mathematics and mathematical biology. However, in other German universities eminent scholars arose in the field of probability and statistics, too. We only name here Felix Hausdorff (Leipzig and Bonn) and Richard von Mises (Dresden and Berlin).



Germany

Nevertheless, statistics ‘proper’ was not seen as a part of mathematics until the early twentieth century. Unlike the English statistical school, the continental European school was mainly occupied with the observation and analysis of social and economic mass phenomena. The nineteenth century saw a rise of statistical offices, starting with the foundation of the Royal Statistical Office in Berlin in 1805, collecting and publishing large amounts data about population, production, and prices. In 1872 a National Statistical Office was built “to collect and check statistical material and process it technically and by scientific methods”. In the beginning, this office included three people with a university education; the present number is 380.

A hundred years ago German statistics began to emancipate itself from social and economic sciences. In 1911 the German Statistical Society was founded as a section of the German Society for Sociology. However, the rise of statistics as a mathematically-founded methodology, and the development of an academic statistical community, were massively damaged by the Nazi tyranny. Von Mises emigrated to Turkey and the USA, Hausdorff ended his life to avoid deportation. Many other mathematical statisticians were forced to leave Germany, among them Felix Bernstein, William Feller, Emil Gumbel, and Felix Pollaczek. Similarly for the Austrian statisticians Abraham Wald, Henry B. Mann, Zygmund W. Birnbaum, Eugen Lukacs, Gerhard Tintner, and Oskar Morgenstern.

The new beginnings of mathematical statistics after World War II were difficult. One reason was the bleeding of the field through the exodus of scholars, another reason the cold war between the two German states. In most West German mathematical faculties, pure mathematics was higher valued than applied mathematics and statistics. So it took until the mid-fifties until chairs of mathematical statistics and probability were established in Munich, Hamburg, Heidelberg and Göttingen. New institutes of mathematical statistics were built in Münster in 1959 and shortly after that in Freiburg. Major topics of research at these institutes were the theory of parametric and nonparametric statistical tests, in particular their asymptotics, stochastic processes, decision theory, and sequential

statistics. Students of these institutes subsequently spread over all parts of Germany and contributed to the growth of statistics. In East Germany statistics flourished in many places, the most remarkable being the universities of Freiberg, Rostock, Berlin, and Magdeburg. There was a focus on statistics applied to science and technology. Let us mention a few of the most important developments: experimental design in Rostock (and also in Freiberg and Magdeburg), stochastic geometry and queuing in Freiberg, regression and modelling in Berlin.

Today the German Statistical Society (DStatG) collects statisticians from academia and outside in equal parts. Besides that, many mathematical statisticians are organized in the Special Interest Group for Probability & Statistics, a subsection of the German Mathematical Society. Most biostatisticians associate in the German Section of the International Biometric Society, and many applied statisticians are members of the German Classification Society and other scientific societies in special areas of applications. Recently, eleven societies that are related to statistics have founded a joint association, the DAGStat, in order to facilitate communication

between statisticians working in theory and various fields of application, and to represent the whole spectrum of statistics in the public. A first large DAGStat conference, “Statistics Under One Umbrella”, was held in Bielefeld in March 2007.

There are several international journals that were originally founded by German statisticians. *Metrika* was founded in 1958 by Oskar Anderson and Wilhelm Winkler: it publishes research papers in the field of mathematical statistics and statistical methods. *Statistical Papers*, founded in 1960 by Günter Menges, publishes papers on statistical theory, methods and applications, with special attention given to those statistical methods that are relevant to economic and social sciences. *AStA – Advances in Statistical Analysis*, as a recently relaunched journal, looks back on the longest tradition, founded in 1890 by Georg von Mayr. It also publishes general contributions to statistics in theory, methods and applications and includes clusters of articles in emerging fields. [See the call for papers below]

Karl Mosler, Universität zu Köln,

Wilfried Seidel, Helmut-Schmidt-Universität Hamburg

Call for Papers: *AStA—Advances in Statistical Analysis*

The editors invite you to submit manuscripts to *AStA—Advances in Statistical Analysis*, a journal of the German Statistical Society, published quarterly by Springer. It is a successor to the *Allgemeines Statistisches Archiv*, which was founded in 1890. *AStA—Advances* welcomes original contributions on statistical theory, methods and applications on a sound basis of probability and mathematics. Articles on probability or formal methods are welcome if they take a statistical or practical problem as a starting point.

It is our wish to bring out a journal which is attractive to both readers and contributors alike. To ensure that manuscripts from a variety of areas of statistics are dealt with competently and to the highest standard, we have added a number of leading experts in important research areas to the Editorial Board for *AStA—Advances*. The editorial policy builds on that of the former *Archiv*. It strives, however, to make further developments, not only becoming more thorough but also widening the range of areas of current interest.

As statistical analysis of economic and social phenomena has a long tradition in the former *Archiv*, articles on problems arising in these areas are especially welcome. However, *AStA—Advances in Statistical Analysis* is open to other fields of applications as well. For example, a second focus is statistics in the natural sciences and technology, including topics such as quality and reliability. Theoretical developments can profit from this interest in covering a broad spectrum of application fields: for example, methods of process control have been successfully adapted to and applied in the field of finance. There is a strong interplay with econometrics. And it is not only new fields that are emerging; exciting new methodological developments are taking place in traditional areas.

AStA—Advances would like to offer researchers in these fields a forum to both act as an introduction to and promote the active discussion of their research. To ensure that each topic receives due individual attention, proposals involving emerging topics are particularly welcome. They should include a description of the prospective field and its principal sources of research, together with a selection of authors who may be willing to contribute. Proposals should be sent to the editor. They will be peer-reviewed within a short period of time. Those topics deemed most suitable will be given priority: the publication of a minimum number of suitable manuscripts is guaranteed, and the discussions of articles is promoted. For more information, including guidelines for authors, please visit <http://www.springer.com/10182>

IMS Laha Award, Carver Medal and 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 how to apply, please see the website above.

Applications will be reviewed by the IMS Committee on Travel Awards. It is expected that at least 8 awards will be made. The work must be that of the student (or new researcher), although it may have been done in collaboration with an advisor or others. All applicants must submit their paper to the meeting directly. This travel grant award application and the meeting abstract submission are separate.



Harry C Carver Medal

<http://www.imstat.org/awards/carver.html>

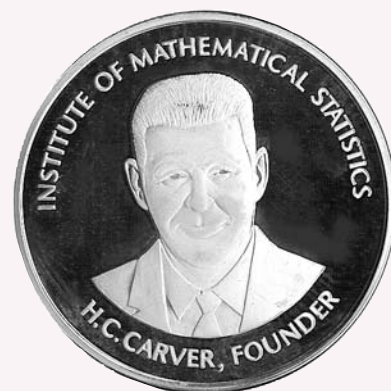
Deadline: February 1, 2008

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).

The nominating committee consists of three former Presidents of the IMS.

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

- (1) a candidate of well-established leadership whose contributions to the field of statistics or probability other than original research shall be judged of equal value; or
- (2) a candidate of well-established leadership in the application of statistics or probability, whose work has contributed greatly to the utility of and the appreciation of these areas.

Candidates for fellowship should be members of IMS on December 1 of the year preceding their nomination, and should have been members of the IMS for at least two years.

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.

Nominate or apply now!

Other Awards: nominations and announcements

Marvin Zelen Leadership Award in Statistical Science

The Department of Biostatistics at the Harvard School of Public Health seeks nominations for the 2008 Marvin Zelen Leadership Award in Statistical Science. This annual award, supported by colleagues, friends and family, was established to honor Dr Marvin Zelen's long and distinguished career as a statistician and his major role in shaping the field of biostatistics.

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

Nominations for next year's award, to be given in June 2008, should be sent to the *Marvin Zelen Leadership Award Committee, Department of Biostatistics, Harvard School of Public Health, 655 Huntington Avenue, Boston, MA 02115*. Nominations should include a letter describing the contributions of the candidate, specifically highlighting the criteria for the award, and a curriculum vitae. Supporting letters and materials would be extremely helpful to the committee.

All nominations must be received by **December 15, 2007**.

2008 Distinguished Alum Award at Harvard School of Public Health

The Distinguished Alum Award is annually presented to a former graduate of the Biostatistics Department working in government, industry, or academia, who by virtue of applications to support of research, methodology and theory, significant organizational responsibility, and teaching has impacted the theory and practice of statistical science. The overall career of the individual is considered with an emphasis on how the nominee has used their experience to bring out the best in life with research and academics. The award recipient will be invited to deliver a lecture on their career and life beyond the Department at the Harvard School of Public Health, for the primary benefit of our students. The recipient will also be presented with a plaque. The recipient of the 2007 Distinguished Alum Award was **Masahiro Takeuchi**, ScD, MPH, of the Kitasato University School of Pharmaceutical Sciences.

Nominations for the award, to be given in May/June 2008, should be sent to the *Distinguished Alum Award Committee, Dept. of Biostatistics, Harvard School of Public Health, 655 Huntington Ave., Boston, MA 02115*. Nominations should include a letter describing the contributions of the candidate, specifically highlighting the criteria for the award, and curriculum vitae. Supporting letters and materials are welcome but not required.

The deadline for the submission of nominations for the award is **January 15, 2008**.

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2008 Mortimer Spiegelman Award: Call for Nominations

The Statistics Section of the 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. The award was established in 1970 and is presented annually at the APHA meeting.

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
c/o Rebecca Betensky, Chair
Department of Biostatistics
Harvard School of Public Health
655 Huntington Ave
Boston, MA 02115
betensky@hsph.harvard.edu



OBITUARY: Yao-Ting Zhang

1933–2007

PROFESSOR YAO-TING ZHANG, a leading statistician in China and a permanent member of the International Chinese Statistical Association, died on 29 June, 2007, after fighting a serious illness for over 4 years. He was 74.

Professor Zhang played a key role in rebuilding statistics as a research discipline in China after the Cultural Revolution. He inspired and trained many Chinese statisticians. His generosity toward his students, colleagues, and friends will be dearly missed.

Professor Zhang's interests in statistical theory and methodology focused on multivariate analysis and experiment design. His contributions include: theory of multivariate normal and elliptical distributions, variable selection in both response variables and predictors in large-scale multivariate regression models, invariance principles in multivariate analysis and experimental design. In 1980, he and Professor Kai-Tai Fang published their book, entitled *An Introduction to Multivariate Analysis* (in Chinese). This book was the first statistical textbook on the topic after the Cultural Revolution, and it had a major impact on the statistics community in China. In total, Professor Zhang published 75 articles and

27 books, covering many areas in statistics and its applications.

Perhaps Professor Zhang is best known for his work in statistical applications in China, which covers a wide range of scientific investigations. In his early years in Peking (Beijing) University, he collaborated with the National Climatological Bureau, the Institute of Municipal Engineering, and with colleagues in Geology and Geography, Geophysics and Biology Departments on weather forecast, water supply and wastewater treatment survey. During the early years of the Cultural Revolution, he applied the orthogonal experiment design in both Beijing Analytic Instrument Factory and Yan-Sheng Petrochemical Engineering Factory. In early 1990s, recognizing the need for rigorous economic analysis in China, he began to introduce and translate classical statistical books from abroad. His own book, *Statistics Analysis of Financial Market*, was very well received and listed as the standard reference book for the entrance examinations for graduate studies in finance for several universities.

Professor Zhang began to study Mathematics at Qinghua University in 1951, and was transferred to Peking University. He joined the faculty of the



Yao-Ting Zhang

Department of Mathematics at Peking University after graduation in 1955, and then started to work on probability and statistics with Professor Paolu Hsu, who had a profound influence on his career. During the Cultural Revolution, he was sent to Wu-Jiang Hydropower station in Gui Zhou Province. After the Cultural Revolution, he joined the faculty at Wuhan University in 1978 and became a Professor in 1980. During his tenure at Wuhan University, he helped to establish and chaired the Department of Statistics and later served as the Dean of the School of Management Sciences. He was a Professor in the School of Economics of Shanghai University of Finance and Economics from 1994.

Professor Zhaohai Li, The George Washington University, Washington DC, and Professor Jian Huang, University of Iowa

Bollettino UMI – New Series in 2008

A journal of the Unione Matematica Italiana

2008, 3 issues. Approx. 600 pp.

Subscription: €250 (special rate for Italian institutions: €180)

Editor-in-Chief: **Franco Brezzi** (Pavia),
President of the UMI; Managing Editor:
Carlo Sbordone (Napoli)



Aims and Scope: The Bollettino dell'UMI is the scientific journal of the Unione Matematica Italiana (UMI), which was founded in 1922 in Bologna by S. Pincherle, and works at promoting and disseminating current advances in mathematics and its applications. The Bollettino UMI is widely regarded as one of the best Italian journals. The IX series of *BUMI* will start in 2008 and will publish research articles in all active areas of Mathematics. **Editors:** G. Anichini, M. Bardi, C. Bernardi, A. Conte, S. Coen, V. Coti Zelati, G. Dal Maso, F. de Giovanni, M. Ferri, G. Gentili, E. Lanconelli, B. Lazzari, A. Maugeri, A. Verra, G. Vinti, A. Volčič.

Order directly from the *Unione Matematica Italiana, Ufficio Abbonamenti, Piazza Porta San Donato 5, 40126 Bologna, Italy* (phone 0039 051 243190, fax 051 421 41 69) or via <http://umi.dm.unibo.it/>

Meeting Report: High Dimensional Data Analysis

Heping Zhang reports: The 2007 International Conference on the Frontiers of Statistics: High Dimensional Data Analysis took place at Yunnan University, Kunming, China, from August 13 to 15, 2007. About 60 international participants joined approximately 100 Chinese statisticians for this international event.

The conference was co-organized by Yunnan University, Yale University, and the Chinese Academy of Sciences, and co-sponsored by the Institute of Mathematical Statistics and Affymetrix. We would like to thank these institutions for their support.

Professor Jianqing Fan, Princeton University, current president of IMS, and Professor David O. Siegmund, Stanford University, delivered the opening lectures, titled respectively *Sure Independence Screening for Ultra-High Dimensional Feature* and *Do Complex Statistical Methods Help in Mapping Complex and Quantitative Traits?* Their lectures were also given in memory of Professor Yao-Ting Zhang, who was a prominent statistician in China [see obituary, left]. These memorial lectures were chaired by Professor Qiwei Yao, London School of Economics.

Among other highlights were the keynote lectures delivered by Professor Xuming He (University of Illinois at Urbana-Champaign) on “Single-index Quantile Regression Models”, by Professor Peter Diggle (Lancaster University) on “Geostatistical Analysis under Preferential Sampling”, and by Professor Larry Sharp (University of Rutgers) and Dr Z.H. Cho (South Korea) on “Medical imaging: from CAT scanning to functional MRI.”

We had 50 invited presentations, and in particular, Professor David Banks (Duke University), Professor Xihong Lin (Harvard University), Professor Jun Liu (Harvard University), Professor Wei Yann Tsai (Columbia University), Professor Naisyin Wang (Texas A&M University), and Professor Cun-Hui Zhang (University of Rutgers) were plenary speakers. It is also noteworthy that the conference also featured 25 invited lectures in Chinese.

We thank Professors Xueren Wang and Niansheng Tang at Yunnan University for leading the local organization committee, and their colleagues and students for their contribution and participation.

Meeting Report: SPA 2007

Richard Sowers writes: The 32nd conference on Stochastic Processes and their Applications (SPA'07) was held at the University of Illinois at Urbana-Champaign during the week of August 6-10.

The SPA meetings are yearly international events held under the auspices of Committee for Conferences on Stochastic Processes of the Bernoulli Society for Mathematical Statistics and Probability and are co-sponsored by IMS.

The conference was organized by Robert Bauer, Tom Kurtz, Sean Meyn, Renming Song, and Richard Sowers. There were 15 invited speakers, about 20 special sessions, and 150 contributed talks. The conference also hosted a number of honors. The 2005 Itô prize was awarded to Nicolai Krylov and the 2007 Itô prize was awarded to Michelle Thieullen and Sylvie Roelly; accompanying lectures were given by Nicolai Krylov and Michelle Thieullen.

Russ Lyons and Victor de la Peña both gave IMS Medallion Lectures, and Martin Barlow gave the Lévy Lecture. It was also announced that the 2007 Loève prize is awarded to Richard Kenyon.

The inaugural Doob Lecture was given by Marc Yor of the University of Paris VI. This lecture will be held annually at SPA meetings and is supported by the *Illinois Journal of Mathematics*.

The conference also had an NSF-supported roundtable on future directions in probability, organized by Ed Waymire and Philip Protter. This discussion framed some of the current challenges facing probability, both from a funding and curricular standpoint and from the (real or perceived) dichotomy between pure and applied research.

Finally, the conference dinner was an occasion for the probability community to say goodbye to Frank Knight, who passed away this year and was a faculty member at the University of Illinois for many years. David Heath and Ed Perkins remembered Frank both as a person and as a mathematician.

The conference was supported by a number of federal agencies (the Army Research Office, the National Science Foundation, the National Security Agency and the Office of Naval Research) and the Institute for Mathematics and its Applications. A number of campus units also contributed; the Department of Mathematics, the Center for Advanced Study, the Coordinated Science Laboratory, and the Office of the Provost. The organizers would like to thank all who both supported and attended the conference.

For more see <http://www.math.uiuc.edu/SPA07/>



Mark Yor, delivering the inaugural Doob Lecture

Terence's Stuff: *Statistics without Probability*

This month Terry Speed pokes his stick into the eye of confirmatory statistical analysis



In an influential 1940 article, Hotelling commented on the failure of much teaching of statistics to make proper use of the theory of probability, and went on to say:

"Without probability theory, statistical methods are of minor value, for although they may put data into forms from which intuitive inferences are easy, such inferences are very likely to be incorrect."

Who among you agrees with this? For much of my professional life I would have wholeheartedly endorsed this sentiment, but not now. Even in 1940, Deming demurred, writing:

"I take it that they [Hotelling's recommendations] are not supposed to embody all that there is to the teaching of statistics, because there are many other neglected phases that ought to be stressed."

Deming went on to mention histograms, scatter diagrams, heterogeneity, and statistical control (randomness), concluded with the view that *"Above all, a statistician must be a scientist."*

I didn't get this for quite a long time, probably not really until I got a job as a scientist! Like most people who were active in the 1970s and 1980s, I'd been exposed to the Tukey data analysis revolution, buying the orange EDA book and the green regression one (with Mosteller) as soon as they appeared in 1977, and later, other books on data analysis. I duly began making box and stem and leaf plots, doing median polishes, and I absorbed a few of the creative things

that can be done with (partial) residuals in regression, but this didn't lead me to question the probabilistic foundation of statistics. Although not emphasized as much by Tukey, who always seemed ambivalent about models, a clear distinction quickly grew up between the exploratory and confirmatory phase of a statistical analysis, with the real stuff beginning as soon as the explorations led to a probability model. As two reviewers of EDA wrote in 1980:

"The professional statistician ... will worry about the 'sampling properties' of many of the summary quantities and decision rules [in EDA], because of the fear (probably justified) that methods sold as 'exploratory' will regularly be used as though they were 'confirmatory'."

Hotelling's view was alive and well 40 years later. At some point I read Tukey's famous 1962 article, "The future of data analysis", and found that while I liked the ideas a lot, my life went on largely unchanged. In it, he promotes data analysis, and de-emphasizes the role of probability models, but they are always there, as in the following statements, which seem to endorse the exploratory–confirmatory dichotomy:

"We must plan to ask first of the data what it suggests, and leave for later consideration what it establishes ... We must face up to the need for a double standard in dealing with error rates, whether significance levels or lacks of confidence"

Looking back, what I missed was a clear statement that there might be some, perhaps many, situations in which the exploratory phase is extended and complex, while the confirmatory phase is minor, or even non-existent. In other words, situations where the statistician's principal role is data analysis, not the provision of probabilities.

Things changed dramatically for me in

the new millennium. In January 2000 I met my first microarray problem. It wasn't just that the amount of data was large for me—though it was, with 16 arrays each having two channels, with measurements on 6,000 genes in each channel. What really struck me was that the most prominent features of the data were systematic. Roughly speaking, we saw in the data very pronounced effects associated with almost every feature of the microarray assay, clear spatial, temporal, reagent and other effects, all dwarfing the random variation. These were what demanded our immediate attention, not the choice of two-sample test statistic or the multiple testing problem. What did we do? We simply did things that seemed sensible, to remove, or at least greatly reduce, the impact of these systematic effects, and we devised methods for telling whether or not our actions helped, none of it based on probabilities. In the technology-driven world that I now inhabit, I have seen this pattern on many more occasions since then. Briefly stated, the exploratory phase here is far more important than the confirmatory. Tukey's 1962 paper now makes much more sense. He wrote there that:

"In data analysis we must look to a very heavy emphasis on judgement ... We need to face up to the need for a free use of ad hoc and informal procedures in seeking indications. We need to face up to the need for collecting the results of mutual experience with specific data-analytic techniques."

How do we develop the judgement, devise the procedures, and pass on this experience? I don't see answers in my books on probability-based statistics. Do you?

Gaming the System: Chaos from Multiple Testing

S. Stanley Young, National Institute of Statistical Sciences, writes:

Life can be confusing. What is the meaning of life? What is real? What is reproducible? Am I being fooled by randomness? Trying to figure out what is real led me into statistics. Knowing what is real is largely beyond what I can do, but I can help scientists with what is reproducible.

Many statistical methods are designed to make headway on determining what is reproducible. Small p -values are often used to imply that a result can be replicated. On the other hand, some scientists seem to be applying W.C. Fields's wry saying, that "anything worth having is worth cheating for", to the quest for a statistically significant result. So, while statisticians are inventing statistical methods and teaching students how to use statistics to judge the reproducibility of findings and claims, others could be gaming the system, using p -values to make their claims appear more plausible than they actually are.

Epidemiologists are big users of statistical methods. Much of their work involves looking at observational studies and nominally trying to figure out what is real and/or reproducible. How well are they doing this job? Ioannidis (*JAMA*, 2005) reported that in five out of six claims made by epidemiologist in highly-cited studies, they either failed to replicate at all, or the claimed effect was much smaller than in the original study. This is a rather spectacular failure to replicate. In the US, the National Institutes of Health has sponsored a series of randomized studies testing claims coming from epidemiologists. The 80% failure to replicate noted by Ioannidis is holding up rather well. Why is the failure rate so high?

Consider multiple testing. Every statistics student is taught about Type I error and multiple testing. There is an enormous literature on multiple testing, going back to Tukey and beyond. Multiple testing is a standard problem in statistics and there are many proposed solutions depending on the circumstances. Epidemiology students are taught, "No adjustments are needed for multiple comparisons" (Rothman, *Epidemiology*, 1990). Incidentally, Rothman was the editor of Volume 1, Issue 1 of *Epidemiology*. So we have a basic paradigm difference between epidemiology and statistics: Statisticians worry that multiple testing will degrade the ability to judge the reproducibility of a finding; epidemiologists essentially do nothing about multiple testing.

This characterization may seem a bit harsh. Consider Kuhn (1962) who comments, "Despite occasional ambiguities, the paradigms of a mature scientific community can be determined with relative ease." Just look at the papers, textbooks, and so on. Quite clearly, epidemiologists seldom adjust their analyses for multiple testing and they do not engage in strategies to test claims

coming from their complex data sets and methods. For example, a simple data mining strategy would be to divide a large data set at random into two sets, explore in one and confirm in the other. There is a humorous example by Austin (*J. Clinical Epidemiology* 2006), where he divides roughly ten million patients into two sets of approximately five million each, tests for the ill effects associated with astrological sign in one set and shows the "significant" results do not confirm in the other half of the data.

An 80% failure rate indicates that a paradigm is failing. Kuhn says there is a crisis when "...an existing paradigm has ceased to function adequately in the exploration of an aspect of nature to which that paradigm itself had previously led the way," and the need for a paradigm shift "could be discovered only through something's first going wrong with normal research." A crisis occurs when normal science starts making mistakes. For example, when randomized clinical trials are not confirming claims coming from epidemiology studies; low fat diets are not confirming claims of lower heart attack rates, fewer strokes, lower rates of colon cancer, lower rates of breast cancer, etc.

Some multiple testing mistakes are due to ignorance, but epidemiologists ignore multiple testing following their clearly articulated scientific paradigm. Over a billion dollars of grant/tax money flows to public health schools where there are serious reproducibility problems, many revolving around multiple testing.

What to do? Here is my own modest strategy. When I see a popular press article that looks like a false positive, I often examine the original paper and do a little counting and p -value adjusting. I write the author asking for the data set. I often write a letter to the editor. You might consider doing this as well. If no data is provided, you might contact the funding agency. And finally, be sure your students understand and can recognize multiple testing problems, which can be subtle.

At a minimum we need to protect the integrity of our statistical profession, otherwise an ordinary citizen could well get the impression that all statistics is junk: coffee cannot both protect us from and cause cancer...



So is it good or bad for us? Ask an epidemiologist...

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 14 to 19, 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>).



Singapore River scene

Photo: Formulax/Wikimedia Commons

Registration open

*At a glance:
forthcoming
IMS Annual
Meeting and
JSM dates*

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 31–
August 4, 2011

IMS co-sponsored meeting

Workshop on Composite Likelihood Methods**April 15–17, 2008****University of Warwick, United Kingdom****w** <http://go.warwick.ac.uk/complik2008>

In many modern applications of statistical models, standard likelihood-based inference meets difficulties caused by high-dimensional interdependencies. Prominent application areas include the analysis of multivariate longitudinal and event-history data, spatial statistics, social network analysis, and bioinformatics. The problems encountered include prohibitively large computational demands (usually arising from the need to calculate integrals in many dimensions), and undue sensitivity to secondary modelling assumptions.

Various alternative approaches based on modification of the likelihood have been suggested in the research literature; composite likelihoods are instances of this, and they have been of rapidly increasing interest recently. Composite likelihoods are pseudo-likelihoods constructed by pooling likelihood components, with each component corresponding to a marginal or conditional event. A prominent special case is pair-wise likelihood, based on components which are marginal likelihoods for pairs of observations.

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 3-day 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 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 10 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 U.S. 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 underrepresented 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

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

The third joint international meeting of the IMS and ISBA (International Society for Bayesian Analysis) will be held in Bormio, Italy, from Wednesday, January 9 to Friday, January 11, 2008.

A central theme of the conference will be Markov chain Monte Carlo (MCMC) and related methods and applications. It will feature three plenary speakers (**Peter Green**, **Kerrie Mengersen**, **Xiao-Li Meng**) and six invited sessions from internationally-known experts covering a broad array of current and developing statistical practice.

Our conference website (above), which had been down for several weeks, is now up again: from here you will find links to the conference registration page: <http://imstat.org/secure/registration/mcmski/register.asp> and the preconference “Adap’Ski” satellite meeting site: <http://www.maths.bris.ac.uk/~maxca/adapski08/>

Deadlines

Please note that the deadline for applying for travel support (funds from NSF and NIH sufficient to help support the travel expenses of 20 junior investigators) was **October 20**. You can still register for the conference; advance registration closes on **December 30, 2007**. On-site registration only after this date.

The abstract submission deadline (including for posters) is **December 10**.

We look forward to welcoming you in Bormio this January!

MCMSki II Tentative Daily Schedule

Wednesday January 9

- 8:30–8:45 Introduction and Welcome
- 8:45–9:45 Plenary: Peter Green
- 10:05–12:05 Recent Advances in MCMC Methodology
- 1:00–4:30 Ski/Spa Time
- 4:45–6:45 Integrative genetics and bioinformatics
- 7:00–11:00 Dinner, Posters: A–L

Thursday January 10

- 8:45–9:45 Plenary: Kerrie Mengersen
- 10:05–12:05 Bayesian Models for Financial Risk Management
- 1:00–4:30 Second “Tweedie Cup Ski Race”; Ski/Spa Time
- 4:45–6:45 State Space Methods and Applications
- 7:00–11:00 Dinner, Posters: M–Z

Friday January 11

- 8:45–9:45 Plenary: Xiao-Li Meng
- 10:05–12:05 Complex Bayesian Models with Applications in Genomics
- 1:00–4:30 Ski/Spa Time
- 4:45–6:45 Bayesian Applications in Technology
- 8:00–11:00 Closing Banquet & Cabaret

MCMSki II
Markov Chain Monte Carlo in Theory and Practice
Bormio, Italy January 9–11, 2008
The third joint international meeting of the IMS (Institute of Mathematical Statistics) and ISBA (International Society for Bayesian Analysis) will be held in Bormio, Italy from January 9–11, 2008.

A central theme of the conference will be Markov chain Monte Carlo (MCMC) methods and applications. The conference will feature three plenary speakers: Peter Green, Kerrie Mengersen, Xiao-Li Meng, and a variety of invited sessions covering a broad array of current and developing statistical practice.

Recent Advances in MCMC Methodology

- Integrative genetics and bioinformatics
- Bayesian Models for Financial Risk Management
- State Space Methods and Applications
- Complex Bayesian Models with Applications in Genomics
- Bayesian Applications in Technology

Nightly poster sessions will offer substantial opportunity for informal learning and interaction.

Travel support may be available for junior investigators presenting posters. For more details as well as information on the preconference “Adap’Ski” satellite meeting on adaptive MCMC methods, January 8–9, please see the website: <http://musing.unipv.it/IMS-ISBA-08/>

Daily Schedule

- 8:45–9:45 Plenary Speaker
- 10:05–12:05 Invited Session I
- 1:00–4:30 Lunch
- 4:45–6:45 Invited Session II
- 7:00–11:00 Dinner, Posters, Cabaret

IMS co-sponsored meeting

Adap’Ski 08, a satellite meeting to MCMSki II (see announcement, left)

January 6–8, 2008

Bormio, Italy

w <http://www.maths.bris.ac.uk/~maxca/adapski08/>

This workshop on Adaptive Monte Carlo is organized by Christophe Andrieu (University of Bristol, UK), H. Haario (University of Lappeenranta, Finland) and Christian P. Robert (Université Paris Dauphine and CREST, France).

The workshop is intended to be a snapshot of the methodological and theoretical advances in Monte Carlo methods with an emphasis on adaptive Monte Carlo methods in the broad sense (adaptive MCMC, adaptive population Monte Carlo, and various breeds of adaptive importance sampling amongst others): algorithms that attempt to automatically optimize their performance to a given task.

The workshop will consist of 4 half-day sessions and two poster sessions. There will be breaks on both afternoons in order to allow informal discussions and relaxation (and skiing!).

Invited speakers: **Yves Atchade** (Michigan), **Gareth Roberts** (Warwick), **Kasper Berthelsen** (Lancaster), **Scott Sisson** (New South Wales), **Nicolas Chopin** (CREST, Insee Paris), **Erkki Somersalo** (Helsinki), **Radu Craiu** (Toronto), **Johannes Thoms** (EPFL), **Ajay Jasra** (Imperial), **Simon Maskell** (Qinetiq), **Robert Kohn** (New South Wales).

Registration

Registration for Adap’Ski’08 is free, but registration for the main MCMSki II conference is compulsory. Please register on the MCMSki registration page, <http://imstat.org/secure/registration/mcmski/register.asp> and don’t forget to tick the Adap’Ski’08 option.

IMS co-sponsored meeting:

2008 ENAR/IMS Spring Meeting
March 16–19, 2008
Hyatt Regency Crystal City,
Arlington, VA

w <http://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

w <http://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

w <http://www.enar.org/meetings.cfm>

IMS sponsored meeting

11th IMS Meeting of New Researchers in Statistics and Probability
July 29 – August 2, 2008. Denver/Boulder, Colorado

Local chair: Ryan Elmore. Details to follow.

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 located at 700 14th Street, Denver, CO 80202.

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

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 (1 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 Tjøstheim**, **Richard Davis**, **Dimitris Politis**, **Anestis Antoniadis**, **Helmut Luetkepohl**, **Manfred Deistler**, **Thomas Mikosch**.

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 Erlangen-Nürnberg, 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

IWAP2008: International Workshop in Applied Probability

July 7–10, 2008

Université Technologie de Compiègne (UTC), Compiègne, France

w <http://www.lmac.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 Méléard** (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.

IMS sponsored meeting



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

The Statistics Department at the University of California, 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

Other Meetings Around the World: Announcements and Calls for Papers

ICCS-IX on Statistics in the Contemporary World: Theories, Methods and Applications

December 12-14, 2007

Concorde Hotel, Shah Alam, Malaysia

<http://ismy.math.um.edu.my/iccs/iccs2007.htm>

The 9th Islamic Countries Conference on Statistical Sciences (ICCS-IX) has been jointly organised by the Islamic Countries Society of Statistical Sciences (ISOSS) and Malaysian Institute of Statistics (ISM). Confirmed key-note speakers are **A.K Md. Ehsanes Saleh**, Canada, (Nonparametric Statistical Inference), **Kerrie Mengersen**, Australia (Bayesian Statistics), **Malay Ghosh**, USA/India (Statistical Inference), and **Ali S. Hadi**, USA/Egypt, (Computational/Robust Statistics).

Conference Secretariat: *Institute of Mathematical Sciences, University of Malaya, Kuala Lumpur, Malaysia* **t** +60-3-79674323 **f** +60-3-79674143 **e** iccs2007@um.edu.my

NEW

Workshop on High dimensional Statistics in Biology.

March 31 – April 4, 2008

Isaac Newton Institute, Cambridge, UK

www.newton.cam.ac.uk/programmes/SCH/schw02.html

Organizers: Peter Bickel, Ewan Birney, Wolfgang Huber, Richard Durbin. Deadline for applications is 30th November.

NEW

Evolution Equations in Pure and Applied Sciences: a Symposium in Honour of Aldo Belleni-Morante

April 18–19, 2008

Florence, Firenze, Italy

<http://www.dma.unifi.it/eeapas>

Contact Prof. Paolo Maria Mariano **e** paolo.mariano@unifi.it
This symposium will take place at the School of Engineering of the University of Florence, Firenze, Italy, on April 18th–19th, 2008. Lectures will be delivered by:

Luigi Ambrosio (Scuola Normale Superiore)

Jacek Banasiak (University of KwaZulu-Natal)

Constantine M. Dafermos (Brown University)

Giuseppe Da Prato (Scuola Normale Superiore)

Mariano Giaquinta (Scuola Normale Superiore)

Adam C. McBride (University of Strathclyde)

Rainer Nagel (Universität Tübingen)

Denis Serre (Ecole Normale Supérieure de Lyon).

Scientific Committee: Profs Giovanni Frosali, Paolo Maria Mariano, and Giuseppe Modica (all University of Florence)

NEW

SAMSI program on Environmental Sensor Networks

January 13-16, 2008

SAMSI, North Carolina

<http://www.samsi.info/workshops/2007sensor-opening200801.shtml>

Formal application is now open for the Tutorials and Opening Workshop of the SAMSI program on Environmental Sensor Networks; see the website for the workshop details and the on-line application form. This should be an exciting opening to the SAMSI program on Environmental Sensor Networks.

NEW

Emerging Directions in Probability and Statistics

February 28 – March 2, 2008

University of Notre Dame, Indiana

www.cam.nd.edu/upcoming-conferences/spring2008

Speakers: **Rabi Bhattacharya**, University of Arizona; **Richard Davis**, Columbia University; **Paul Dupuis**, Brown University; **Chris Heyde**, Columbia University; **Thomas Kurtz**, University of Wisconsin–Madison; **Ross Leadbetter**, UNC Chapel Hill; **Sidney Resnick**, Cornell University; **Donald Richards**, Penn State University; **Richard Sowers**, University of Illinois, Urbana-Champaign; **Murad Taqqu**, Boston University; **Ruth Williams**, University of California, San Diego; **Michael Woodroffe**, University of Michigan; **Ofer Zeitouni**, University of Minnesota

NEW

Workshop on Future Directions in High-dimensional Data Analysis: New Methodologies, New Data Types and New Applications.

June 23–27, 2008

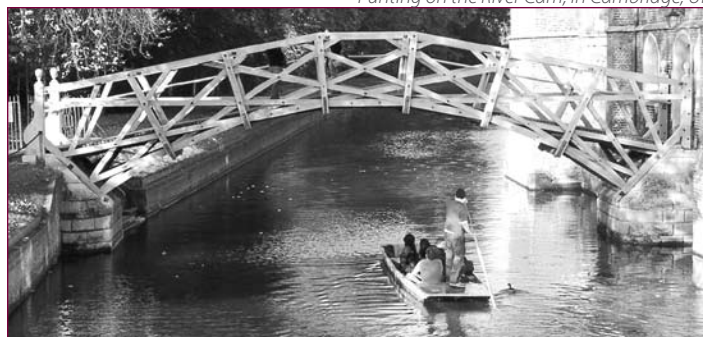
Isaac Newton Institute, Cambridge, UK

www.newton.cam.ac.uk/programmes/SCH/schw03.html

Organizers: David Barber, Iain Johnstone, Richard Samworth, Mike Titterton. In association with the Newton Institute programme *Statistical Theory and Methods for Complex, High-Dimensional Data* (7 January to 27 June, 2008).

NEW

Punting on the River Cam, in Cambridge, UK



**Sixth Seminar on Stochastic Analysis,
Random Fields and Applications
May 19–23, 2008**

NEW

**Centro Stefano Franscini, Ascona,
Switzerland**

w <http://www.math.univ-paris13.fr/~russo/ASCONA08/Ascona08.html>

**2008 International Congress on Image and
Signal Processing (CISP 2008)**

May 28–30, 2008

NEW

Sanya, Hainan, China

Submission Deadline: 10 November 2007

w <http://www.hainu.edu.cn/CISP2008>

The aim of CISP 2008 is to bring together researchers working in many different areas of image and signal processing to foster exchange of new ideas.

The CISP 2008 proceedings will be published by the IEEE and will be indexed in both *EI* and *ISTP*. Selected good papers will be recommended for publication in *SCI/SCI-E* indexed international journals.

CISP 2008 will be co-located with the 2008 International Conference on BioMedical Engineering and Informatics (BMEI 2008: <http://hainu.edu.cn/BMEI2008>), in order to promote cross-fertilization between the broad areas of biomedical engineering and signal processing.

Sanya is one of China's premier tourist destinations, with white-sand beaches, charming scenery, hot-springs, and popular activities such as scuba-diving and rafting. More than 20 ethnic groups, including Han, Li, Miao, and Hui, inhabit Sanya and make Sanya a wonderful place to appreciate the various cultures of China.

For more information, visit the conference web page or email the secretariat at cisp2008@hainu.edu.cn

**2008 PIMS/UBC Summer School in
Probability**

June 11 – July 8, 2008

Vancouver, BC, Canada

NEW

w <http://pims.math.ca/science/2008/08ssprob/>

The school will comprise two graduate courses (each of 30 hours):

Brownian Motion and Analysis, by **Chris Burdzy**, and *Discrete Spatial Processes in Probability*, by **Geoffrey Grimmett**

Some funding is available for graduate students and postdocs (deadline December 31, 2007). For registration and further details see the website.

Workshop on Bootstrap and Time Series

June 5–6, 2008

Kaiserslautern, Germany

NEW

w www.mathematik.uni-kl.de/~bootstrap08

The aim of this workshop is to bring together researchers working on resampling techniques for dependent data.

Organizers: Jürgen Franke and Claudia Kirch (Technical University Kaiserslautern), Dimitris Politis (University of California, San Diego)

Call for talks and posters: Abstracts should be submitted electronically to bootstrap08@mathematik.uni-kl.de by **April 1st, 2008**.

**LASR 2008: The Art and Science of Statistical
Bioinformatics**

July 15–17, 2008

Leeds, UK

NEW

Contact: Stuart Barber, workshop@maths.leeds.ac.uk

w <http://www.maths.leeds.ac.uk/lasr2008>

The 2008 Leeds Annual Statistical Research Workshop will focus on developments in interdisciplinary statistics and in particular the interface between statistical methodology and bioinformatics.

38th Saint-Flour Probability Summer School

July 6–19, 2008

Saint-Flour, France

NEW

w <http://math.univ-bpclermont.fr/stflour/>

The 38th Saint-Flour Probability Summer School will be held on July 6–19, 2008.

This year, the three courses will be

R. Kenyon: “*Dimers and random surfaces*”

V. Koltchinskii: “*Oracle inequalities in empirical risk minimization and sparse recovery problems*”

Y. Le Jan: “*Markovian paths, loops and fields*”

Abstracts and further information are posted on the meeting website as soon as available.

Online registration will be possible in February 2008. There will be another announcement at that time.



Please send
your meeting
announcement
to erg@imstat.org



**Centre de recherches mathématiques (CRM) Thematic Program in
2008: Probabilistic Methods in Mathematical Physics**
Various dates in 2008–09 (see list, right)
CRM, Montréal, Canada



w <http://www.crm.umontreal.ca/Mathphys2008/>

This program is meant to represent the state of the art in a number of currently active areas of research in mathematical physics, with special emphasis on those in which probability theory plays a central role. Besides providing a vehicle for communicating the most significant new research results in these domains, the principal objectives include: 1) giving an opportunity for cross-fertilization between the different domains represented; 2) stimulating new ideas through such cross-fertilization and 3) providing an environment in which young researchers may learn about and be encouraged to contribute to the exciting new developments in these domains.

The program consists of: **ten research workshops**, each of one week's duration, taking place between June 2008 and June 2009, grouped so as to maximize constructive interactions between them; **three Aisenstadt Chair lecture series** coordinated with the workshops; a number of **long term term visitors** staying at the CRM for durations of between three and four weeks, plus a small number staying for longer periods; several **preparatory lectures** for advanced graduate students and young researchers on topics related to the workshops, and a small number of **postdoctoral research fellows** based at the CRM, working as part of the CRM Mathematical Physics research group for the duration of the program year (June 2008– June 2009).

Postdoctoral Fellowships available: All applications for such postdoctoral positions, which begin June 2008, must be submitted via the Institut des Sciences Mathématiques, using the online forms provided at ISM or at CRM-ISM. Applicants should indicate that they would like to be considered for one of the positions reserved for the 2008-09 CRM Thematic Program on Probabilistic Methods in Mathematical Physics. The deadline for the CRM-ISM postdoctoral fellowships is **December 1, 2007**

Mathematical Aspects of Quantum Chaos
June 2–7, 2008

w http://www.crm.umontreal.ca/Mathphys2008/chaos_e.shtml

Integrable Quantum Systems and Solvable Statistical Mechanical Models

June 30 – July 5, 2008

w http://www.crm.umontreal.ca/Mathphys2008/integrable_e.shtml

Stochastic Loewner Evolution and Scaling Limits

August 4–9, 2008

w http://www.crm.umontreal.ca/Mathphys2008/loewner_e.shtml

Laplacian Growth and Related Topics

August 18–23, 2008

w http://www.crm.umontreal.ca/Mathphys2008/laplacian_e.shtml

Random Matrices, Related Topics and Applications

August 25–30, 2008

w http://www.crm.umontreal.ca/Mathphys2008/matrices_e.shtml

Random Tilings, Random Partitions and Stochastic Growth Processes

September 1–6, 2008

w http://www.crm.umontreal.ca/Mathphys2008/tilings_e.shtml

Quantum Many-Body Systems, Bose-Einstein Condensation

September 29 – October 4, 2008

w http://www.crm.umontreal.ca/Mathphys2008/bose-einstein_e.shtml

Random Functions, Random Surfaces and Interfaces

January 4–10, 2009

w http://www.crm.umontreal.ca/Mathphys2008/functions_e.shtml

Interacting Stochastic Particle Systems

May 18–23, 2009

w http://www.crm.umontreal.ca/Mathphys2008/stochastics_e.shtml

Disordered Systems: Spin Glasses

June 8–13, 2009

w http://www.crm.umontreal.ca/Mathphys2008/spin_e.shtml

2009 Applied Probability Society Conference

July 12–15, 2009

Cornell University, Ithaca, NY



Co-organizers: Shane Henderson and Mark Lewis
Details to follow.

Employment Opportunities around the world

Directory of Advertisements

Canada

Newfoundland: Memorial University of Newfoundland

Ontario: Queen's University

Singapore

Singapore: Nanyang Technological University

Spain

Barcelona: Universitat Pompeu Fabra

UK

Oxford: University of Oxford

USA

Alabama: University of Alabama

California:

University of California, Los Angeles

Colorado: Colorado State University

DC: American University

Illinois: Illinois Institute of Technology;

University of Illinois at Chicago [3 ads]

Iowa: The University of Iowa [2 ads]

Maryland: Johns Hopkins Bloomberg School of Public Health;

The Johns Hopkins University

Massachusetts:

Harvard School of Public Health;

Worcester Polytechnic Institute

Michigan: Michigan State University;

University of Michigan, Ann Arbor

North Carolina: Dale University;

University of North Carolina, Chapel Hill

New Jersey: Rutgers University

New York: Columbia University [2 ads];

Cornell University;

Hunter College, CUNY

Ohio: Cleveland State University

Pennsylvania: Pennsylvania State University;

University of Pennsylvania

South Carolina: University of South Carolina

Virginia: Virginia Tech

Canada: Ontario

York University

Mathematical Finance

Applications are invited for one tenure-track appointment in the Department of Mathematics and Statistics, at the Assistant Professor level in the area of Mathematical Finance, to commence July 1, 2008. The successful candidate must have a PhD in hand or near completion (expected in 2008), a proven record of independent research excellence, and superior teaching ability. Preference will be given to candidates who can strengthen existing areas of present and ongoing research activity. The successful candidate must be eligible for prompt appointment to the Faculty of Graduate Studies.

Applications must be received by **January 15, 2008**. Applicants should send resumes and arrange for three signed letters of recommendation (one of which should address teaching) to be sent directly to:

Mathematical Finance Search Committee

Department of Mathematics and Statistics

N520 Ross, York University

4700 Keele Street, Toronto, Ontario

Canada M3J 1P3

E-mail: finance.recruit@mathstat.yorku.ca, Website: www.math.yorku.ca/Hiring

All positions at York are subject to budgetary approval.

York University is an Affirmative Action Employer. The Affirmative Action Program can be found on York's website at www.yorku.ca/acadjobs or a copy can be obtained by calling the affirmative action office at 416-736-5713. All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority.

Chile: Santiago

Assistant Professor of Statistics, Pontificia Universidad Católica de Chile

The Department of Statistics, Pontificia Universidad Católica de Chile, invites applications for a tenure-track position at the Assistant Professor level, beginning August 1, 2008. Candidates should have a doctoral degree in Statistics or a related field and exhibit experience in both research and teaching. Appointees will be expected to pursue a vigorous research program and to teach graduate as well as undergraduate students.

The Department of Statistics is the leading research group in Chile and offers an undergraduate career, a Master's, and a PhD in Statistics. The Pontificia Universidad Católica de Chile is a highly selective institution and its students are among the top 5% in the country.

Email letter of application, including a statement of research interests, and curriculum vitae with publication list to stat@mat.puc.cl. Send at least three letters of reference, relevant reprints/preprints, and transcripts to

Prof. Wilfredo Palma

Director, Departamento de Estadística

Pontificia Universidad Católica de Chile

Casilla 306, Santiago 22, Chile.

Closing date for applications: **March 21, 2008**

Sweden: Lund**Associate Senior Lecturer with specialisation in statistical methods for the life sciences, at Lund University, Sweden**

Lund University is Sweden's largest, with research and teaching in all scientific areas. The Division of Mathematical Statistics, with 14 senior academic staff, now seeks a new member for research and teaching in statistical methods for the life sciences.

This position has a lower teaching load during the first four years, after which—given a positive evaluation—the position is converted into a permanent lecturer position. The position thus has a tenure track-type construction. The last date for applications is 14 December, and the full advertisement can be found at http://www.naturvetenskap.lu.se/upload/LUPDF/natvet/Utlysningar/071123_3463E.pdf



LUND
UNIVERSITY

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

Contingent upon administrative approval, we expect to have one to two regular research positions available in 2008 along two tracks. Track I covers all statistical areas. Candidates must have a PhD in statistics or related fields. Track II is designated for the emerging area of bioinformatics, systems and computational biology, and mathematics in biology (MIB). A doctorate in an area of biological, statistical, mathematical, or computer science is required. Rank of appointment (Assistant Research Fellow, Associate Research Fellow or Research Fellow) for both tracks will be commensurate with the applicant's experience and qualifications.

Interested applicants should send a curriculum vitae, three letters of recommendation, copies of publications/technical reports, transcripts (for new PhD only) and other relevant documents to

*Dr. Hwai-Chung Ho,
Chair of Search Committee,
Institute of Statistical Science,
Academia Sinica,
Taipei 115, Taiwan, R.O.C.*

Fax: 886-2-27831523

e-mail: hcho@stat.sinica.edu.tw

To receive full consideration, please complete the application by **December 31, 2007**.

Switzerland: Lausanne

ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

**Faculty Position in
Biostatistics
at Ecole Polytechnique Fédérale
de Lausanne (EPFL)**

EPFL seeks candidates for a tenure track assistant professor position in **biostatistics**, with emphasis on statistical genomics and related fields. The appointment will be joint between the Schools of Basic Sciences and of Life Sciences.

The successful candidate will establish and lead a vigorous independent research program, interact with existing major genetic and genomic projects in the Lake Geneva region, and be committed to excellence in teaching at all levels. Significant start-up resources and research infrastructure will be available.

Applications should be made by **January 15, 2008** via <http://sbpositions.epfl.ch/applications/>

Candidates should submit their curriculum vitae, concise statement of research and teaching interests, and the names and addresses (including email) of five referees as a single PDF file (at most 20 sides of A4, plus list of publications). A printed version of this file should be sent to:

**Professor Alfio Quarteroni
Mathematics Search Committee (Biostatistics)
IACS-FSB-EPFL
Station 8
CH-1015 Lausanne, Switzerland**

For additional information, please consult:
<http://sma.epfl.ch/search>

EPFL is an equal opportunity employer.

USA: California**California State University, Fullerton****Department of Mathematics**

The Department of Mathematics at California State University, Fullerton invites applications for at least one tenure-track position in statistics. Appointment will be at the rank of Assistant Professor, although appointment at Associate Professor will be considered for candidates with exceptional qualifications. The position calls for a broadly-based individual with interest or experience in statistical applications and research. Teaching responsibilities will include both theoretical and applied statistics courses at the undergraduate and Master's level. Curriculum development in these areas is encouraged. Teaching may also include courses in the core mathematics curriculum, depending on background and interest.

Qualifications include a Ph.D. in Statistics or related field by the appointment date; high potential in teaching and in research with excellent communication skills, and familiarity with modern statistical methods and computing. Experience and/or interest in undergraduate research are considered favorably.

All applications received by **December 14, 2007** will receive full consideration; however, the position will remain open until filled.

Candidates should send a cover letter summarizing their interest in the position, a teaching statement describing teaching experience and philosophy, and a research statement including areas of research interest and activities and experience in statistical applications. Also send a Curriculum Vita and at least three letters of reference. At least one letter of reference should address the candidates' teaching qualification or experience. Degree recipients within the last 3 years should include graduate transcripts. Women and minorities are especially encouraged to apply. Please send all materials to:

*Chair, Statistics Search Committee, Department of Mathematics,
California State University, Fullerton, Fullerton, CA 92834,*

Or jsheridan@fullerton.edu. Specific questions should be addressed to Dr. Mori Jamshidian at mori@fullerton.edu. Cal State Fullerton is an Equal Opportunity/Title IX/503/504/VEVRA/ADA Employer.

USA: Florida**University of Florida**

University of Florida, Department of Statistics in the College of Liberal Arts and Sciences is seeking to fill a Tenure-track Assistant Professor position. Salary is negotiable. Responsibilities include teaching, service, methodological and collaborative research. PhD in statistics or related field and good communication skills required. Anticipated start date: August 15, 2008. Cover letter for Curriculum Vita, transcript, and three reference letters to *Statistics Search Committee, PO Box 118545 Gainesville, FL 32611-8545* or email carol@stat.ufl.edu. Review of applications begins on **12/7/2007** and continues until position is filled.

The University of Florida is an Equal Opportunity Institution.

USA: California**Stanford University School of Medicine****Seeking Faculty Member in the Area of Biostatistics**

The Department of Health Research and Policy at Stanford University School of Medicine is seeking a full-time tenure track faculty member in the area of Biostatistics. The predominant criterion for appointment in the University Tenure Line is a major commitment to research and teaching. The position will be at the Assistant, Associate, or full Professor level. A doctorate in biostatistics or a related field is required. Applicants should have demonstrated strong research abilities and will be expected to teach courses at both the undergraduate and graduate level, conduct research in Biostatistics, consult with clinical investigators, and work with other members of the Stanford scientific community. Applicants from areas of biostatistics related to cancer research, clinical trials, or translational research are especially encouraged to apply. Experience in design and analysis of data from clinical trials is desirable.

Candidates interested in this position are requested to send a letter of application, curriculum vita, graduate transcripts, at most one reprint/preprint, and three letters of recommendation to:

Robert Tibshirani, PhD

Chair, Faculty Search Committee

c/o Jessica Bussey

Department of Health Research and Policy

Stanford University School of Medicine

Stanford, CA 94305-5405

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university's research, teaching and clinical missions.

USA: California**Stanford University**

The Statistics Department seeks applicants for a tenure track position at the Assistant Professor level. The position would begin September 2008. A doctorate in statistics or a related field is required. Applicants should have demonstrated strong research abilities, and will be expected to teach courses at both the undergraduate and graduate level. Applications are sought from all areas of statistics, both applied and theoretical.

Please see our website <http://www-stat.stanford.edu> for a description of departmental activities and people.

Applicants are requested to send a letter of application, curriculum vita, graduate transcripts, and at most one reprint/preprint to:

Faculty Search Committee, Department of Statistics

Stanford University

390 Serra Mall, Stanford, CA 94305-4065

Applicants should also arrange for three letters of recommendation to be sent to the above address. Applications received by **January 10, 2008** will be guaranteed consideration.

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applicants from women and minority groups, as well as others who would bring additional dimensions to the university's research and teaching missions.

USA: California**University of California, Berkeley****Postdoctoral Position**

We invite applications for a three-year postdoctoral fellowship in probability or statistics, funded in part by a VIGRE grant from the National Science Foundation, effective July 1, 2008. Applicants whose research interests are close to those of regular department members will be given some preference. Duties are research, teaching one course per semester and participating in VIGRE activities. The position is restricted to US citizens and permanent residents who are within 18 months of receiving a PhD.

Apply online by self-registration at <http://gold.berkeley.edu:80/candidate/selfRegister.php?i=19>

Applicants should upload a resume, reprints/preprints and/or dissertation abstracts, and have three referees upload their letters of reference at the indicated URL that will be displayed after you register. Please request that referees read the University's confidentiality statement, <http://apo.chance.berkeley.edu/evalltr.html> prior to uploading their letters. For any questions, please email recruit@stat.berkeley.edu.

All application materials, including reference letters should be uploaded by **December 15, 2007** or postmarked by December 15, 2007.

Mailing address:

Chair, John Rice, Dept. of Statistics,

367 Evans Hall #3860,

University of California,

Berkeley, CA 94720-3860

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

USA: California**University of California, Berkeley****Tenure Track or Tenure Position**

We invite applications for positions at both the tenure-track (Assistant Professor) and tenured (Associate or Full Professor) level, in all areas of Statistics, effective July 1, 2008. For the tenured position, we are seeking a candidate with no more than 15 years experience post-PhD. We will consider strong candidates in any area of theoretical, applied, or computational statistics.

Apply online by self-registration for the Assistant Professor position at <http://gold.berkeley.edu:80/candidate/selfRegister.php?i=15> and for the Associate or Full Professor position at <http://gold.berkeley.edu:80/candidate/selfRegister.php?i=18>. Include resume and have three referees upload their letters of reference at the indicated URL that will be displayed after you register. Please request that referees read the University's confidentiality statement, <http://apo.chance.berkeley.edu/evalltr.html>, prior to uploading their letters. For any questions, please email recruit@stat.berkeley.edu. All application materials, including reference letters must be uploaded by **December 1, 2007**, or postmarked by December 1, 2007.

Mailing address:

Chair, John Rice, Dept. of Statistics

367 Evans Hall #3860

University of California

Berkeley, CA 94720-3860

The department is particularly interested in hearing from suitably qualified women or members of minorities currently underrepresented in faculty positions. The University of California is an Equal Opportunity, Affirmative Action Employer.

USA: California**California Lutheran University**

Applications are invited for a tenure-track assistant professor in Mathematics beginning August 2008. Responsibilities include teaching a wide range of under-graduate courses, mentoring students, developing curriculum, and sustaining scholarly activity. Excellence in teaching and scholarship, an understanding of liberal arts education, the ability to teach using educational technology, and a commitment to engaging students in research projects will be hallmarks of the outstanding candidate. A PhD in the mathematical sciences is required; strong preference will be given to applicants whose PhD is in statistics, probability, mathematical physics, mathematical biology or numerical analysis, or who have had significant teaching experience in these fields.

CLU is a selective liberal arts university, enrolling 2100 undergraduates and 1100 graduate students. It is located in Thousand Oaks, California, midway between Los Angeles and Santa Barbara. More information about CLU can be found at <http://www.callutheran.edu/>

Interested applicants should submit a letter of application, a CV, a brief statement of teaching philosophy and research interests, graduate transcripts (may be unofficial), and arrange for the submission of three letters of recommendation, at least one specifically addressing teaching experience and effectiveness. Please send all correspondence to:

Mathematics Search, c/o Ms. Vicki Wright, MC 3700, California Lutheran University, 60 W. Olsen Road, Thousand Oaks, CA 91360-2787
Priority will be given to applications completed by **December 15, 2007**. If you will be attending the Joint Mathematics Meetings in San Diego, CA, please indicate so in your cover letter. CLU is an equal opportunity employer. The university encourages candidates who will contribute to the cultural diversity of CLU to apply.

USA: DC**Georgetown University****Department of Mathematics****Tenure-Track Assistant Professor**

The Department of Mathematics at Georgetown University has an opening for a tenure-track Assistant Professor beginning in Fall 2008. The department has recently started a very successful MS program in Applied Mathematics and Statistics. The new colleague is expected to be involved in the further development of this program. Therefore, the candidate should bring expertise in one or more of the following areas:

- *relating to Applied Mathematics:* stochastic modeling; numerical analysis/numerical methods; stochastic differential equations.
- *relating to Statistics:* time series and longitudinal studies; experimental design; sampling theory

The successful candidate should have a doctorate in Mathematics, Applied Mathematics or Statistics or Mathematical Statistics. Preference will be given to candidates who have

- a successful research program
- have demonstrated success in working with diverse student populations.
- broad interests
- some experience in consulting and graduate level teaching, and
- familiarity with software tools (e.g. Matlab, SAS, and S-plus/R).

We are looking for a candidate who will work well in a department with both mathematicians and statisticians as colleagues and on a campus with mathematical and statistical groups in several other departments. The teaching load is two courses per semester. The salary will be competitive. The Washington DC area is home to a large and active mathematical and statistical community and offers many opportunities for collaboration and consulting.

Applicants should send a curriculum vitae and three to five sample publications to: *Search Committee, Department of Mathematics, St. Mary's Hall, Georgetown University, Washington, DC 20057-1233*, and arrange for three letters of reference to be sent to the same address. At least one of these letters should address experience with a variety of teaching methods and/or curricular perspectives. Review of applications will start on **December 1, 2007** and will continue until the position has been filled.

Georgetown University is an Equal Employment Opportunity/Affirmative Action employer, committed to a diverse faculty, staff, and student body. Women and minority candidates are strongly encouraged to apply.

For more information on Georgetown University visit our website at <http://www.georgetown.edu>

USA: Georgia**Georgia Institute of Technology**

The School of Mathematics at Georgia Tech is now in the fourth year of an ambitious faculty recruitment program — one which will be sustained over a five-year period. During the first three years, ten appointments were made, including four tenured appointments, two at the full professor level and two at the associate professor level. Building on past successes, this recruiting effort is intended to make rapid advances in the scope and quality of our research and graduate education programs.

Candidates will be considered at all ranks, with priority given to those candidates who

- (1) bring exceptional quality research credentials to Georgia Tech;
- (2) complement existing strengths in the School of Mathematics;
- (3) reinforce bridges to programs in engineering and the physical, computing and life sciences;
- (4) have strong potential for external funding; and
- (5) have a demonstrated commitment to high quality teaching at both the undergraduate and graduate levels.

Consistent with these priorities, candidates will be considered in all areas of Pure and Applied Mathematics and Statistics. Candidates should arrange for a resume, at least three letters of reference, and a summary of future research plans to be sent to the *Hiring Committee, School of Mathematics, Georgia Institute of Technology, Atlanta, GA, 30332-0160, USA*. Candidates for Associate and Full Professor positions should also submit a statement outlining their vision for service as a senior faculty member at Georgia Tech. Review of applications will begin in **September 2007**, and the roster of candidates being considered will be updated on a monthly basis. Georgia Tech, an institution of the University System of Georgia, is an Equal Opportunity/Affirmative Action Employer.

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 tenure-track 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: 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
1460 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: Kansas**Head, Department of Statistics, Kansas State University**

Kansas State University is seeking qualified applicants for the position of the Head of the Department of Statistics. Preferred starting date is June 15, 2008, but is negotiable. The Statistics Department Head will oversee academic programs and promote research within the department, and represent Statistics to a wide constituency outside the department. The Department Head is directly responsible to the Dean of the College of Arts and Sciences and is responsible for internal accounting and reporting with regard to personnel, equipment and supplies.

Qualifications include a PhD in statistics or a related field, an active research program, and a record of scholarship and teaching sufficient to be tenured at the level of professor or associate professor. Administration or service experience, strong interpersonal skills, experience with extramural funding, and an appreciation of the role of both theory and applicants in a modern statistics department at a land-grant institution are desirable. The Department strongly encourages applications from women and minorities and persons who are committed to working with students and faculty of diverse backgrounds.

The Department has 12 full-time faculty positions with research interests covering a wide range of topics both in theory and application. Several faculty have joint appointments with Kansas State Research and Extension (KSRE) to do statistical consulting with researchers in agriculture, and the department strongly values such collaborative research. The annual Applied Statistics in Agriculture Conference, now in its 20th year, boasts outstanding keynote speakers and each year draws over 100 participants from around the country. The department offers B.S., M.S., and PhD degrees. Currently there are about 40 graduate students, about half of whom are working toward a PhD. The majority of the graduate students are supported with teaching assistantships.

Interested persons should send a letter of application that includes a discussion of qualifications as noted above and a statement of the administrative philosophy, together with a vita and names of 3–5 references to: *Dr. Leigh Murray Chair, Head Search Committee, Department of Statistics, 101 Dickens Hall, Kansas State University, Manhattan, KS 66506-0802*. Review of applications will begin **January 15, 2008** and continue until position is filled. For more information, please visit <http://www.ksu.edu.stats>

Kansas State University is an Equal Opportunity Employer and actively seeks diversity among its employees.

USA: Maryland**Johns Hopkins University**

The Department of Applied Mathematics and Statistics at Johns Hopkins University invites applications for a tenure-track position. We seek an individual who will develop a successful research program in Financial Mathematics while contributing to the department's new master's program in this area. We are particularly interested in candidates with strong interests in scientific computation. Preference will be given to applicants at the assistant professor level, but exceptionally qualified candidates at all ranks will be considered. The successful candidate must have a doctorate in applied mathematics, statistics, mathematics, or financial mathematics.

The Department of Applied Mathematics and Statistics, formerly the Department of Mathematical Sciences, currently has thirteen full-time faculty members in the fields of probability, statistics, operations research, optimization, discrete mathematics, and partial differential equations. Applications can be submitted electronically as PDF documents to: ams-search@ams.jhu.edu.

Paper applications sent to

Financial Mathematics Search Committee

Department of Applied Mathematics and Statistics

Johns Hopkins University, 302 Whitehead Hall

3400 N. Charles Street, Baltimore, MD 21218 USA

will be considered as well. Applications should include a cover letter describing the principal expertise of the applicant, a statement of teaching philosophy, a statement of research interests and experiences, and a complete resume. Junior applicants should arrange to have 3–5 letters of recommendation sent, and new PhDs should send photocopies of their transcripts. For full consideration, applications should be received by **December 31, 2007**.

The Department is committed to building a diverse educational environment; women and minorities are strongly encouraged to apply. The Johns Hopkins University is an EEO/AA Employer.

USA: Massachusetts**Boston University: Statistics**

Department of Mathematics and Statistics, Boston University, invites applications at the tenure-track Assistant Professor level in statistics, starting September 2008 (pending approval). Strong commitment to research and teaching essential, preferably with interest in interdisciplinary research. Submit CV and three letters of recommendation to: *Statistics Assistant Professor Position, Department of Mathematics and Statistics, Boston University, 111 Cummington Street, Boston MA 02215*. Application deadline **January 1, 2008**. Boston University is an affirmative Action/Equal Opportunity 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: 1) 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 7B05, MSC 7510

Bethesda, MD 20892-7510

Tel: 301-435-6952

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**Worcester Polytechnic Institute****Visiting Assistant Professorship: Applied Statistics**

The Worcester Polytechnic Institute (WPI) Department of Mathematical Sciences invites applications for one visiting assistant professorship to begin in the fall of 2008. An earned PhD or equivalent degree is required. Successful candidates must demonstrate strong research potential and evidence of quality teaching, and will be expected to contribute to the department's research activities and to its innovative, project-based educational programs. Preferred research interests are in the areas of Bayesian statistics, biostatistics, data mining methods, sample survey methods, statistical computing, survival analysis, and time series.

Appointments will be made for one year, with possible renewal contingent upon satisfactory teaching and research, at the discretion of WPI and the appointee. The teaching load will be a combination seven-week undergraduate courses or semester-long graduate courses, to a total of five.

WPI is a private and highly selective technological university with an enrollment of 2800 undergraduates and 1100 full- and part-time graduate students. Worcester, New England's third largest city, offers ready access to the diverse economic, cultural and recreational resources of the regions.

The Mathematical Sciences Department has 25 tenured/tenure-track faculty and supports BS, MS, and PhD programs in applied, financial and industrial mathematics and applied statistics. For additional information, see <http://www.wpi.edu/+math>.

Qualified applicants should send a detailed curriculum vitae, a brief statement of specific teaching and research objectives, and three letters of recommendation, at least one of which addresses teaching potential, to *Visitor Search Committee, Mathematical Sciences Department, WPI, 100 Institute Road, Worcester, MA 01609-2280, USA*.

Applicants will be considered on a continuing basis beginning **January 1, 2008** until the position is filled.

To enrich education through diversity, WPI is an affirmative action, equal opportunity employer.

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ADMIN@IMSTAT.ORG

USA: Maryland**University of Maryland College Park**

The University of Maryland College Park School of Public Health, Department of Epidemiology and Biostatistics, seeks applications for an Assistant Professor (tenure track). A doctorate in biostatistics or statistics is required. Candidates should demonstrate potential to establish and maintain external funding for a multidisciplinary research agenda, and commitment to excellence in teaching and advising graduate students. Effective interpersonal, communication, and collaborative skills are essential. Guaranteed salary in mid-\$60,000 with options for increased salary with extramural funding, starting August 17, 2008. For application information, please visit our website <http://www.sph.umd.edu/home/jobs.cfm>

The University of Maryland is an equal opportunity and affirmative action employer.

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: Massachusetts

**Harvard University
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
1 Oxford Street, 7th Floor
Cambridge, MA 02138 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: Massachusetts**Massachusetts Institute of Technology****Department of Mathematics: Statistics**

The Department of Mathematics at MIT is seeking to fill combined teaching and research positions at the level of Instructor, Assistant Professor or higher in STATISTICS or APPLIED PROBABILITY beginning September 2008. Appointments are mainly based on exceptional research qualifications. We request that applications and other materials, including (a) curriculum vitae, (b) research description, and (c) three letters of recommendations, be submitted online at www.mathjobs.org. Applications should be complete by **January 1, 2008** to receive full consideration. We request that your letters of reference be submitted by the reviewers online via mathjobs. We will also accept recommendations either as PDF attachments sent to kimm@math.mit.edu, or as paper copies mailed to: *Committee on Statistics, Room 2-263, Department of Mathematics, MIT, 77 Massachusetts Ave., Cambridge, MA 02139-4307*. Please do not mail or email duplicates of items already submitted via mathjobs.

MIT is an Equal Opportunity, Affirmative Action Employer.

USA: Michigan**Mathematical Reviews Associate Editor****Area of Probability and Statistics**

Applications and recommendations are invited for a full-time position as an Associate Editor of Mathematical Reviews (MR), to commence as soon as possible after May 1, 2008. This is a new position and is in addition to the associate editor position announced earlier.

The Mathematical Reviews division of the American Mathematical Society (AMS) is located in Ann Arbor, Michigan, not far from the campus of the University of Michigan. The editors are employees of the AMS; they also enjoy many privileges at the University. At present, the AMS employs over seventy people including fifteen mathematical editors at Mathematical Reviews. MR's mission is to develop and maintain the AMS databases covering the published mathematical literature. The chief responsibility is the development and maintenance of the MR Database, from which all MR-related products are produced: MathSciNet, the journals *Mathematical Reviews* and *Current Mathematical Publications*, and MathSciDisc.

An Associate Editor is responsible for a broad area of mathematics. Editors select articles and books for coverage, classify these items, determine the type of coverage, assign selected items for review to reviewers, and edit the reviews when they are returned.

An individual is sought who has a background in probability or statistics and is willing to learn new topics in pure and applied mathematics; the ability to write well in the English language is important, and the ability to read mathematics in major foreign languages is an advantage. Evidence of written scholarship in mathematics is expected. The applicant normally should have at least five years of relevant academic (or equivalent) experience beyond the PhD.

The twelve-month salary will be commensurate with the experience the applicant brings to the position. Interested applicants are invited to write (or telephone) for further information.

Applications (including curriculum vitae; bibliography; and the names, addresses, phone numbers, and email addresses of at least three references) and recommendations should be sent to

<i>Dr. Kevin F. Clancey</i>	e-mail: kfc@ams.org
<i>Executive Editor</i>	Tel: (734) 996-5257
<i>Mathematical Reviews</i>	Fax: (734) 996-2916
<i>P. O. Box 8604</i>	
<i>Ann Arbor, MI 48107-8604</i>	

Review of applications will begin immediately. The AMS is an Equal Opportunity Employer.

The jobs section on the IMS website is updated regularly. Check it out at <http://imstat.org/jobs>



USA: Michigan**Michigan State University**

The Department of Statistics and Probability at Michigan State University invites applications for three tenure track positions to start August 16, 2008. The department is strongly committed to building research strength in applied and interdisciplinary areas. Hence, exceptional applicants in these areas will receive special attention. The first position is at the Associate or Full Professor level, with tenure. Applicants must provide evidence of research excellence and leadership skills. The second and third positions, at the Assistant Professor level, seek promising researchers who are excellent teachers. One of these positions requires a genuine interest and applicable skills in undergraduate education, curriculum development, and Quantitative Literacy. All candidates must have a Ph.D. with a concentration in statistics and/or probability, and strong research and teaching credentials. Please supply your curriculum vitae, summary of scholarly interests, and evidence of teaching success, as well as having three letters of recommendation (senior applicants may list three references who agree to provide letters upon request) sent directly to:

Search Committee

Department of Statistics and Probability

A415 Wells Hall

Michigan State University

East Lansing, MI 48824-1027.

Applicants must clearly specify which position they seek. Electronic applications may be sent via email to sparks@stt.msu.edu. The selection process will begin **December 15, 2007** and continue until each position is filled.

USA: Michigan**Michigan Technological University****Department of Mathematical Sciences****Tenure-track Faculty Position in Statistics and Probability**

Candidates are invited to apply for one or more tenure-track positions in statistics and probability. Areas of particular interest are statistical genetics, biostatistics, survival analysis, computational statistics, and applied probability. Appointment is anticipated at the rank of assistant professor, although highly qualified candidates may be considered for appointment at the rank of associate professor.

The Department of Mathematical Sciences has 7 statistics faculty and offers BS, MS, and PhD programs in statistics. Faculty are expected to develop and maintain strong research programs, direct graduate students in their thesis research, seek external funding, and be dedicated to excellence in teaching and education. Teaching loads are very competitive.

The position starts 18 August 2008, and candidates must complete all requirements for the PhD in statistics, mathematics, or a related field by that date. Review of applications will begin **1 January 2008** and continue until the position is filled. Qualified individuals should submit a letter of application, a curriculum vitae, a description of proposed research program, a statement of teaching interests, and arrange to have at least three letters of recommendation sent to:

Search Committee, Statistics and Probability Position

Department of Mathematical Sciences

Michigan Technological University

1400 Townsend Drive, Houghton, MI 49931-1295

or to mathdept@mtu.edu (electronic submissions in pdf format are encouraged).

Michigan Technological University is an equal opportunity educational institution/ equal opportunity employer/affirmative action employer.

USA: Missouri**Missouri State University**

The Department of Mathematics invites applications for a tenure track position in statistics at the Assistant Professor level, beginning in fall 2008. Applicants must have a PhD in statistics by August 2008. Strong background in theory and application, potential for research in a major area of statistics and commitment to excellence in teaching are required. Send letter of application, vitae, graduate transcripts, supporting materials, and arrange for three letters of reference to be sent to: *Statistics Search Committee, c/o. Dr. Yungchen Cheng, Head, Department of Mathematics, 901 South National Ave., Missouri State University, Springfield, MO 65897. AA/EOE.* Women and minorities are encouraged to apply. Employment will require a criminal background check at University expense. Reviewing will begin **January 1, 2008**, and continue until the position is filled. See <http://apps.missouristate.edu/provost/academicopenings/> for further information.

USA: New Jersey**Princeton University, Operations Research & Financial Engineering**

The Department of Operations Research and Financial Engineering (ORFE) invites applications for a new faculty position starting September 1, 2008. The appointment can be at any rank although we prefer to appoint someone at the tenure-track assistant-professor level. The search is for a financial statistician, with a strong background in mathematics, stochastic processes, time series analysis and related fields. Candidates must possess a commitment to excellence in teaching at both the undergraduate and graduate levels, and show demonstrable excellence in research.

ORFE is a department in the School of Engineering and Applied Science, and is actively involved in the Bendheim Center for Finance. The appointee will be expected to teach statistics courses spanning from those with broad appeal to those targeted to students specifically interested in financial applications.

Princeton University is an equal opportunity employer and complies with applicable EEO and affirmative action regulations. Applicants should send a CV along with the names of at least three people who can serve as references. Applications will be considered from the date of this announcement until **December 31, 2007**. To apply, please visit our website at <http://jobs.princeton.edu>, create an online application, and submit documents to **req# 0700791**. For information about how to self identify, please link to <http://web.princeton.edu/sites/dof/ApplicantsInfo.htm>

USA: New York

Tenure-Track Professor Operations Research and Information Engineering - #07625

Located in Ithaca, N.Y., Cornell University is a bold, innovative, inclusive and dynamic teaching and research university where staff, faculty, and students alike are challenged to make an enduring contribution to the betterment of humanity.

Cornell University's School of Operations Research and Information Engineering (OR&IE) is seeking candidates for tenured/tenure-track faculty positions. The search is focused on statistics, applied operations research and financial engineering. The ability to teach courses in data mining or simulation is desirable but not essential. The ranks of the appointments are open. Candidates should have a Ph.D. in Operations Research, Industrial Engineering, Statistics, Computer Science, Mathematics, or a related discipline by the start date of the appointment and have demonstrable excellence in teaching and research. The School of OR&IE and the College of Engineering at Cornell University embrace diversity and seek candidates who will foster a climate that attracts students of all races, nationalities and genders. We strongly encourage women and underrepresented minorities to apply.

Applicants should provide a c.v., 1-page statements of research directions and of teaching interests, a doctoral transcript for junior applicants, and any other supporting materials. Please apply online at <https://fast.orie.cornell.edu/> as early as possible. Applications received by January 31, 2008 will receive full consideration.



Cornell University

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

<http://chronicle.com/jobs/profiles/2377.htm>

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, 110 Frelinghuysen Avenue, Piscataway, NJ 08854-8019*. Rutgers University is an Equal Opportunity Employer.

USA: North Carolina
**University of
North Carolina
at Chapel Hill**


The Department of Biostatistics and the Lineberger Comprehensive Cancer Center (LCCC) at the University of North Carolina at Chapel Hill are seeking one non-tenure track Research Assistant or Research Associate Professor to collaborate with cancer researchers on grants, cancer genomics, clinical trials, and other cancer-related research, and to engage in independent methodological research. The LCCC is one of 27 NCI-designated comprehensive cancer centers. Applicants should hold a PhD in biostatistics or statistics, and possess good communication skills.

Send CV and three letters of reference to:

*Betsy Seagroves,
Department of Biostatistics, CB #7420,
3101 McGavran-Greenberg Hall
University of North Carolina
Chapel Hill, NC 27599-7420*

The School of Public Health is actively committed to diversity. We strongly encourage applications from women, minorities and individuals with disabilities. The University of North Carolina at Chapel Hill is an 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, with appointments beginning in September 2008 or January 2009. Appointments will typically be for two years and be made jointly between SAMSI and an associated organization. Extremely competitive salaries will be offered. See www.samsi.info/opportunities/postdoc.shtml to apply.
- 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 (www.samsi.info) 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: 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.



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USA: North Carolina

Duke University

DEPARTMENT OF STATISTICAL SCIENCE

The Department of Statistical Science invites applications for faculty appointment at the level of Associate or Assistant Professor to begin in Fall 2008. Preference will be given to candidates whose core statistical science research interests are complemented with collaborative research interest in systems biology, neurosciences, social sciences, or environmental science.

The Department of Statistical Science is an internationally recognized center of excellence for research and education in the development and application of contemporary statistical methodology. Particular emphasis is directed toward Bayesian modeling in many scientific fields as well as emerging computationally intensive methods. The Department offers outstanding computational facilities and opportunities for interdisciplinary research. It currently has 12 regular rank faculty along with 13 visiting, adjunct, and post doctoral faculty and 33 Ph.D. students.

The Ph.D. program as well as the Department's research agenda benefit from strong connections with the Statistics and Applied Mathematical Sciences Institute (SAMSI) and the National Institute of Statistical Science (NISS), both located nearby in the Research Triangle. A Statistical Science major, started last Fall, provides the primary focus of our undergraduate program. More information is available at the Department's web site (<http://www.stat.duke.edu>).

All applicants should send a letter, curriculum vitae, and three reference letters. Applicants are encouraged to submit materials electronically at <http://academicjobsonline.org/ajo/Duke/StatSci> to expedite the review process. Applicants may also mail materials to: Faculty Search Committee, Department of Statistical Science, Duke University, Box 90251, Durham, NC 27708-0251

For inquiries and e-mail correspondence please write to search@stat.duke.edu. The application pool will remain open until the position is filled but screening will begin on 1 December, 2007.

Duke University is an Equal Opportunity/Affirmative Action Employer. Applications from women and minorities are strongly encouraged.

USA: North Carolina**SAMSI: Postdoctoral Fellowships for 2008–2009**

The Statistical and Applied Mathematical 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 31, 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: New York**College of Staten Island****Department of Mathematics****Tenure Track Position**

The Department of Mathematics at the College of Staten Island, a senior college of the City University of New York (CUNY), seeks candidates for an anticipated tenure-track position in Applied Mathematics at the Assistant or Associate Professor level beginning September 2008. The College offers bachelor's and master's programs, and participates in doctoral programs through the CUNY Graduate Center. The 204-acre campus is less than an hour from Columbia, NYU, the Graduate Center, Princeton, and Rutgers.

Required: Ph.D. in applied mathematics, mathematical finance, statistics, or related discipline; demonstrated commitment to research; and excellence in teaching. Postdoctoral or industrial experience in cross-disciplinary research is valued. The successful candidate will present credentials appropriate for appointment to the doctoral faculty of the CUNY Graduate School. Applications are encouraged from those interested in all areas of applied mathematics; the department has particular interest in computational mathematics, statistics, financial mathematics and mathematics for elementary school teachers. New college-wide initiatives include the development of a Center for Interdisciplinary Applied Mathematics and Computational Sciences and a high-performance computing facility, featuring a new, 96-node supercomputer, the most powerful in CUNY.

Responsibilities include teaching; performing department and college service; engagement in an active and productive research agenda; assisting in curriculum development; and involvement in an interdisciplinary applied mathematics initiative. Faculty normally teach on a 3-2 schedule, and substantial reassigned time is awarded to new faculty. Salary range: Assistant Professor \$52,144 - \$67,092, Associate Professor \$54,362 - \$80,020 commensurate with experience. Appointment at the Associate Professor level requires substantial research accomplishments and a record of external funding. Review of applications will begin December 7, 2007 and continue until the position is filled.

Send a letter of application, curriculum vitae, short statements describing your teaching philosophy and near-term research plans, and three or more letters of reference to: *Professor John Verzani, Chair, Applied Mathematics Search Committee, Department of Mathematics, College of Staten Island, 2800 Victory Boulevard, Room 1S-222, Staten Island NY 10314*. EEO/AA/ADA employer. Women and members of minority groups are especially encouraged to apply. See <http://www.math.csi.cuny.edu> for information about the department; use position@math.csi.cuny.edu for inquiries.

USA: Ohio**Ohio University****Department of Mathematics**

Applications are invited for a tenure-track position in statistics/actuarial science at the assistant professor level, beginning September 1, 2008. Applicants must anticipate completing the requirements for a PhD in mathematics, statistics, or actuarial science by the time of appointment and demonstrate promise of excellent teaching ability and outstanding research potential. We seek candidates with research and teaching interests that complement those of current faculty, committed to strengthening our graduate and undergraduate programs, and who are committed to working effectively with students, faculty and staff from diverse backgrounds. The salary is competitive, with an excellent fringe benefit package. Applications will be accepted until the position is filled, with full consideration assured for applications received by **December 14, 2007**. Send curriculum vitae, outline of research accomplishments and plans, statement on teaching philosophy and experience, copies of graduate transcripts, and arrange to have three letters of recommendation sent to: *Chair, Statistics Search Committee, Department of Mathematics, 321 Morton Hall, Ohio University, Athens, Ohio 45701-2979*. Applicants must register at www.ohiouniversityjobs.com/applicants/Central?quickFind=53567 and registration must be completed before an application will be considered. Official graduate transcripts will be required before an appointment is made. For details about the department including its PhD and Master's programs, see <http://www.math.ohiou.edu/>.

Ohio University is a research-extensive institution, enrolling 19,500 students on the Athens campus and more than 8,000 students on five regional campuses. Further information about Ohio University may be found at the university's web site: <http://www.ohio.edu>. Ohio University is an Equal Employment Opportunity, Affirmative Action employer. Women and minorities are strongly encouraged to apply.

USA: Ohio**Wright State University
Department Chair – Mathematics and
Statistics**

Wright State University invites applications for Chair, Department of Mathematics & Statistics. Candidates must have a Doctorate in Mathematics, Statistics, or a related area and a record that warrants appointment as a full professor. The full ad can be seen at <http://www.math.wright.edu/chair/>. Review of applications begins **January 11, 2008**. Electronic application submission can be made at chairapp@math.wright.edu, or mailed to *Me&S Chair Search Committee, 134 Oelman Hall, College of Science & Mathematics, Wright State University, Dayton OH 45435*. WSU is AA/EOE.



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USA: Oregon**Portland State University
Department of Mathematics & Statistics
Assistant Professor Position in Statistics**

Applications are invited for an Assistant Professor position in Statistics beginning September 16, 2008. All areas of Statistics will be considered. Duties include teaching and research in Statistics as well as possible participation in the Statistics Consulting Laboratory. Selected candidate will join an active group of statisticians supporting an M.S. degree in Statistics and a Ph.D. in Mathematical Sciences of which Statistics is an active part.

Candidates for this position are expected to have completed a doctoral degree in Statistics or a Mathematical Science with an emphasis in Statistics and show evidence of outstanding research potential and a strong commitment to excellence in teaching. Candidates with biostatistics, bioinformatics, genomics and/or medical research interests will have an opportunity to do collaborative work with faculty at the nearby Oregon Health & Sciences University. Qualified applicants are invited to submit an application including (1) a curriculum vitae, (2) three letters of recommendation, (3) a teaching statement, and (4) a research statement. Send materials to:

Statistics Search Committee

Department of Mathematics & Statistics

Portland State University

P.O. Box 751

Portland, OR 97207-0751

Further program information is available on our home page <http://www.mth.pdx.edu>. Questions? Call (503) 725-3621 or send email to mathdept@pdx.edu

Review of files will start **January 15, 2008** and continue until the position is filled.

Portland State University is an Affirmative Action/Equal Opportunity Institution and in keeping with the President's diversity initiative, welcomes applications from diverse candidates and candidates who support diversity.

USA: Pennsylvania**PENNSTATE**
**Pennsylvania State University
Eberly Chair Professorship**

The Department of Statistics at The Pennsylvania State University invites applications and nominations for the Eberly Family Endowed Chair. This unique position is the highest level of appointment in the department. Professor C. R. Rao held this position from 1988 until his retirement in 2001. The Department is in the Eberly College of Science.

Candidates with an exceptional record of achievement and research leadership in any area of statistics and with credentials appropriate to a tenured full professorship will be considered. Candidates will be expected to take an active role of intellectual leadership in the department. Candidates with interests in the life sciences, environment, or other university-wide initiatives can play an important role in future departmental hiring in these areas.

The Department currently has 20 faculty engaged in a wide variety of research areas including multivariate analysis, biostatistics, environmental and computational statistics and likelihood theory, to name a few. The Statistics Department offers Bachelor's, Master's, and Doctoral degrees in Statistics. The Department currently has about 50 graduate students in statistics. It is housed in a modern technological classroom building, completed in 1992. The building includes ample office space as well as computer labs, a library, seminar rooms and a lounge.

The Pennsylvania State University enrolls about 40,000 students on its University Park campus, including about 8,000 graduate students. The university is located in the center of the state, in a valley surrounded by Appalachian mountains and state forest land. The adjoining town of State College is part of a metropolitan area of 100,000 people, with ample health care, indoor and outdoor recreation, and quality of life. The University is within 250 miles of New York City, Philadelphia, Pittsburgh, Baltimore and Washington, D. C. All the amenities of a metropolitan area—a first rate public transportation system, world class theater and concert events, and advanced technology and research facilities—without the attending stress. Scientists, engineers and professionals from around the world participate in advanced research programs and conferences on a wide range of subjects at the Penn State Conference Center.

Further information about the department can be found at <http://www.stat.psu.edu/>. Telephone or e-mail inquiries regarding the position should be directed to Dr. Bruce Lindsay, Willaman Professor of Statistics and Department Head, at (814) 865-1220 or bgl@psu.edu.

Applicants should send a letter of interest, with curriculum vitae and the names of three references, addressed to:

*Dr. Bruce Lindsay, Willaman Professor of Statistics and Department Head
c/o Ms. Laurie Roan • Penn State • Department of Statistics
326EC Thomas Building • University Park, PA 16802-2111*

Consideration of applications will continue until the position is filled.

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

USA: Pennsylvania
**Carnegie Mellon University: Position in
Probability and Mathematical Finance**

The Department of Mathematical Sciences desires to make a tenure-track appointment at the Assistant or non-tenured Associate Professor level beginning September 2008. Applicants should be able to teach in the Department's programs in Computational Finance and contribute to the department's research and Ph.D. programs in Probability or Mathematical Finance. Applicants should send a vita, list of publications, a statement describing current and planned research, and arrange to have at least three letters of recommendation sent to: *Probability Appointments, Department of Mathematical Sciences, Carnegie Mellon University, Pittsburgh, PA 15213.*

The deadline is **January 12, 2008.**

Carnegie Mellon is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.

USA: Pennsylvania
Carnegie Mellon University

Applications are invited for possible tenure-track, lecturer, and visiting positions. Carnegie Mellon offers a collegial faculty environment, emphasizing a combination of disciplinary and cross-disciplinary research and teaching.

All areas of statistics are welcome, and joint appointments with other units in the Pittsburgh area are possible. We especially encourage women and minorities to apply.

Details at <http://www.stat.cmu.edu> (email: hiring@stat.cmu.edu).

Application screening begins immediately and continues until positions closed. Send CV, research papers, relevant transcripts and three letters of recommendation to: *Chair, Faculty Search Committee, Department of Statistics, Carnegie Mellon University, Pittsburgh, PA 15213, USA.*

AA/EOE.

USA: Pennsylvania**Fox School of Temple University**

Statistics Department, Fox School of Temple University, invites applications for tenure-track Assistant or possibly Associate Professor positions. Requires a PhD in Statistics and excellent research and teaching. Preference given for high quality statistical research, especially pertaining to business or biostatistics.

Send applications electronically to:

*Bill Wei, Chair,
Faculty Search Committee,
Department of Statistics,
Temple University,
Philadelphia, PA 19122*

e stat@temple.edu

Include cover letter, CV, recommendation letters. Temple University is an Equal Opportunity/Affirmative Action Employer.

USA: South Carolina**College of Charleston****Department of Mathematics**

Applications are invited for three tenure-track positions at the Assistant Professor level starting Fall 2008. The Mathematics Department at the College of Charleston has 34 full-time faculty members and offers the B.S. and M.S. degrees in mathematics. Candidates must have a Ph.D. in one of the mathematical sciences, potential for continuing research, and commitment to excellence in teaching. Strong preference will be given to applicants in statistics/probability, operations research, algebra, analysis, geometry, and combinatorics/graph theory, including those who can complement the research interests of our faculty. The normal teaching load is nine hours per week, and the salary is competitive.

A minimal application will consist of a vita and at least three letters of recommendation which, combined, must address both teaching and research. All materials should be addressed to

*Robert Mignone, Chair, Department of Mathematics,
66 George St., College of Charleston,
Charleston, SC 29424.*

Review of applications for on-campus interviews will begin in **mid-January, 2008**, and applications will be accepted until the positions are filled. The College of Charleston is an Equal Opportunity/Affirmative Action Employer and encourages applications from minority and women candidates.

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Jan-25-04	Williams College	
Jan-25-04	Columbia University	
Jan-17-04	Veridium	
Jan-14-04	University at Buffalo	
Jan-8-04	University of California, Riverside	
Jan-7-04	Bell Laboratories, Lucent Technologies	
Jan-1-04	Harvard University	
Dec-22-03	Kent State University	

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 multi-disciplinary team of experienced researchers from Statistics, Electrical Engineering, Nutrition and Biochemistry and will be provided with excellent computing support. Applicants should have a Ph.D. in a quantitatively oriented discipline, such as statistics, electrical engineering and applied mathematics. Both recent and established investigators are invited to apply. Funding is restricted to U.S. citizens and permanent residents. Stipends are competitive with initial tenure-track positions in statistics. Interested applicants should send a vita and three letters of reference (for new or recent PhDs) by **February 15, 2008** to:

Raymond Carroll
Department of Statistics
Texas A&M University
College Station TX 77843-3143
carroll@stat.tamu.edu

AA/EOE

USA: Seattle**Postdoctoral
Research Fellow
#KSW-21308**

Located in Seattle, Washington, the Fred Hutchinson Cancer Research Center (FHCRC) is a world-renowned research institution. The Statistical Center for HIV/AIDS Research and Prevention, under the direction of Dr. Steve Self, seeks energetic and creative candidates with PhDs in Statistics/Biostatistics or related fields for two year postdoctoral positions. The successful applicants will work on a mix of methodological and applied problems in HIV vaccine research that is motivated by an extensive and vibrant program of collaborative research with outstanding clinical and laboratory researchers and funded by NIH and the Bill and Melinda Gates Foundation. Potential research areas include (but are not limited to) analysis of viral genome diversity and vaccine design, analysis of longitudinal/functional biomarkers and their relationship with viral replication, computational and statistical methods for the analysis of complex high-dimensional immunologic data and the use of causal inference techniques in vaccine trials. There is a potential for interaction with multiple faculty members within the FHCRC Programs of Biostatistics and Biomathematics and Computational Biology.

PhD in statistics/biostatistics or closely related field.

This is a full time position. The salary is based on the NIH scale. Excellent benefits.

To apply, please send a current CV, a research statement, contact information for three references, and copies of any recent research manuscript pre-prints to:

Käthe Watanabe
Human Resources Specialist
Fred Hutchinson Cancer Research Center
Human Resources, J1-105
P.O. Box 19024
Seattle, WA 98109-1024
 Email: kwatanab@fhcrc.org
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 Web site: <http://www.fhcrc.org>

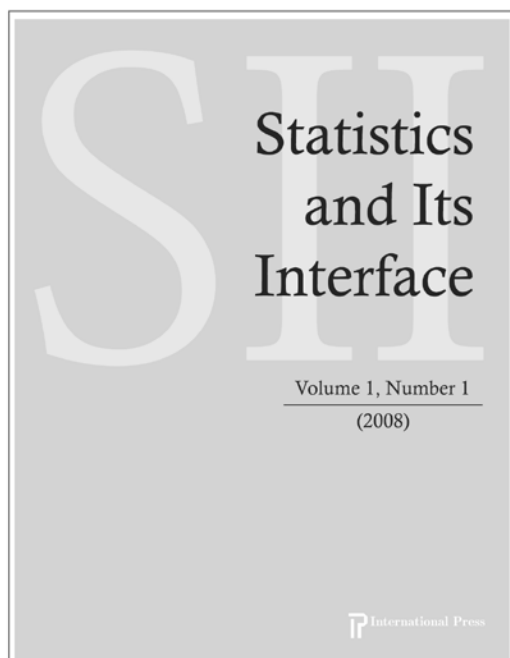
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The first issue of Statistics and Its Interface will appear in or before June 2008, and the second issue in the second half of 2008. In its first year, two issues will be published (institutional price \$275; individual price \$30). Thereafter, four issues will be published annually (institutional price \$375; individual price \$45). All prices include online subscription. SII will be published both online and in print. The printed journal is expected to be in letter (8.5 x 11 inches) or A4 size.

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International Calendar of Statistical Events

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December 2007

December 3–7: Atlantic City, NJ. 63rd Deming Conference on Applied Statistics. Walter R. Young **e** demingchair@gmail.com
w www.demingconference.com

December 10–14: Australian National University, Canberra, Australia. BioInfoSummer07: Sequence, Structure, Evolution & Networks. ICE-EM Summer Symposium in BioInformatics
w <http://www.maths.anu.edu.au/events/BioInfoSummer07/>

 **December 12–14:** Shah Alam, Malaysia. 9th Islamic Countries Conference on Statistical Sciences (ICCS-IX) on Statistics in the Contemporary World: Theories, Methods and Applications. **w** <http://ismy.math.um.edu.my/iccs/iccs2007.htm>

December 16–18: Rutgers University, NJ. 98th Statistical Mechanics Conference. Joel Lebowitz **e** lebowitz@math.rutgers.edu
w <http://www.math.rutgers.edu/events/smm/index.html>

December 16–20: University of Texas at San Antonio. Finite Morse Index Solutions and Related Topics. Contact Shair Ahmad
t 210-458-4758 **e** shair.ahmad@utsa.edu
w <http://math.utsa.edu/~ahmad/cbms/>


December 16–22: Hyderabad, India. Instructional workshop in Bioinformatics (December 16–19) and International conference on Bioinformatics (December 20–22). Contacts: Anand Kondapi **e** akondapi@yahoo.com or C.R. Rao **e** crr1@psu.edu
w <http://www.uohyd.ernet.in/sls/cbt/bif/Training/conf2007.htm>

December 28–30: Shin-Juang, Taipei County, Taiwan. International Conference on Multiple Decisions and Related Topics in Honor of DY Huang. Contacts: Ming-Chung Yang **e** yang@stat.ncu.edu.tw; Sheng-Tsaing Tseng **e** sttseng@stat.nthu.edu.tw; Fu-Chuen Chang **e** changfc@math.nsysu.edu.tw


January 2008

January 1–4: Indian Statistical Institute, Kolkata, India. International Conference on Statistical Paradigms: Recent Advances and Reconciliations. Contact Professor Ashis SenGupta, Indian Statisti-


cal Institute **e** statparconf@gmail.com
w <http://www.isical.ac.in/~statconf08>

 **January 6–8:** Bormio, Italy. Adap'Ski 08 (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/>

January 7–11: Isaac Newton Institute, Cambridge, UK. Workshop on Contemporary Frontiers in High-dimensional Statistical Data Analysis. Organizers: David Banks, Mike Titterton, 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. 1st Canada-Mexico Statistics meeting. Contact Rosy Davalos **e** rosa@cimat.mx
w <http://www.cimat.mx/Eventos/canada-mexico-SM/>

Continues on page 44

International Calendar *continued*

NEW 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>

 March 16–19: Hyatt Regency Crystal City, Arlington, VA. 2008 ENAR/IMS Spring Meeting. **w** www.enar.org/meetings.cfm

NEW 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

 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>

NEW  April 15–17: University of Warwick, UK. Workshop on Composite Likelihood Methods. **w** <http://go.warwick.ac.uk/complik2008>

NEW 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@unifi.it **w** <http://www.dma.unifi.it/eeepas>

April 21–25: Bedlewo, near Poznan, Poland. International Conference on Trends and Perspectives in Linear Statistical Inference, LinStat2008, in celebration of Tadeusz Caliński’s 80th Birthday. Contact Katarzyna Filipiak **e** linstat@au.poznan.pl **w** <http://linstat08.au.poznan.pl/>

May 2008

NEW 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>

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 Remillard (HEC Montréal) **e** bruno.remillard@hec.ca **w** http://www.ssc.ca/2008/index_e.html


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/>

NEW May 28–30: Sanya, Hainan, China. 2008 International Congress on Image and Signal Processing (CISP 2008). **e** cisp2008@hainu.edu.cn **w** <http://www.hainu.edu.cn/CISP2008>

June 2008

NEW 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

NEW June 5–6: Kaiserslautern, Germany. Workshop on Bootstrap and Time Series. **e** bootstrap08@mathematik.uni-kl.de **w** www.mathematik.uni-kl.de/~bootstrap08

 June 8–11: Protaras, Cyprus. International Workshop on Recent Advances in Time Series Analysis. IMS Rep: Rainer von Sachs, UC Louvain, Belgium. **w** www.uci.ac.cy/~rats2008/


NEW 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-Grice, Université Pierre Mendes-France, Grenoble. **t** 04 76 82 57 07 **e** Karim.Benhenni@upmf-grenoble.fr **w** <http://www.lsp.ups-tlse.fr/staph/IWFOS2008>

 **June 22–25: University of California, Davis. 2008 WNAR/IMS Western Regional Meeting.** IMS Program Chair: Charles Kooperberg **w** <http://www.wnar.org>


  **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. **w** <http://www.di.ens.fr/~baccelli/stonet08.html>

 **June 23 – July 4: Cornell University, Ithaca, NY. 4th Cornell Probability Summer School.** Probability problems that arise from ecology. **w** <http://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 **w** <http://www.action-m.com/isbis2008>


 **July 6–19: Saint-Flour, France. 38th Saint-Flour**


Probability Summer School. **w** <http://math.univ-bpclermont.fr/stflour/>

 **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 **e** joseph.glaz@uconn.edu **w** <http://www.lmac.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 **t** +45 8942 3515 **w** <http://www.thiele.au.dk/Rubinstein/>

 **July 14–19: Singapore. IMS Annual Meeting/7th World Congress in Probability and Statistics.** Local chair: Louis Chen. **w** <http://www.ims.nus.edu.sg/Programs/wc2008/index.htm> **e** wc2008_general@nus.edu.sg

 **July 15–17: Leeds, UK. LASR 2008: The Art and Science of Statistical Bioinformatics.** Stuart Barber **e** workshop@maths.leeds.ac.uk **w** <http://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 **w** <http://www.isba2008.sci.qut.edu.au>

July 23–26: Tomar, Portugal. 17th International Workshop on Matrices and Statistics (IWMS08) in Honor of Professor T.W. Anderson's 90th Birthday. Contact Professor Francisco Carvalho **t** +351 249 328 100; **e** fpcarvalho@ipt.pt **w** www.ipt.pt/iwms08


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

 **July 29–August 2: Denver/Boulder, CO. 11th IMS Meeting of New Researchers in Statistics and Probability.** Ryan Elmore.


International Calendar *continued*


August 2008

 August 3–7: Denver, Colorado. JSM2008.
 w <http://www.amstat.org/meetings/jsm/2008/>


 August 4–9: CRM, Montréal. Stochastic Loewner
 Evolution and Scaling Limits [*CRM program*] w [http://www.crm.
 umontreal.ca/Mathphys2008/loewner_e.shtml](http://www.crm.umontreal.ca/Mathphys2008/loewner_e.shtml)


August 17–21: Copenhagen, Denmark. ISCB-29: International
 Society for Clinical Biostatistics. w www.iscb2008

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

September 2008

 September 1–6: CRM, Montréal. Random Tilings, Ran-
 dom 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*]
 w http://www.crm.umontreal.ca/Mathphys2008/bose-einstein_e.shtml


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](http://www.crm.umontreal.ca/Mathphys2008/functions_e.shtml)

March 2009

 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*] w [http://www.crm.umontreal.
 ca/Mathphys2008/stochastics_e.shtml](http://www.crm.umontreal.ca/Mathphys2008/stochastics_e.shtml)



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

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

June 2009

 June 8–13: CRM, Montréal. Disordered Systems:
 Spin Glasses [*CRM program*] w [http://www.crm.umontreal.ca/
 Mathphys2008/spin_e.shtml](http://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. 

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

August 2010

 August 1–5: Vancouver, British Columbia, Canada. JSM2010.

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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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Each individual member receives the *IMS Bulletin* and may elect to receive one or more of the five scientific journals. Members pay annual dues of \$75. An additional amount is added to the dues of members depending on the scientific journal selected as follows: *Statistical Science* (\$20), *The Annals of Statistics* (\$40), *The Annals of Probability* (\$40), and *The Annals of Applied Probability* (\$30). *The Annals of Applied Statistics* is free to subscribers of *The Annals of Statistics*. Of the total dues paid, \$28 is allocated to the *Bulletin* and the remaining amount is allocated among the scientific journals received. **Reduced membership** dues are available to full-time students, new graduates, permanent residents of countries designated by the IMS Council, and retired members. **Organizational memberships** are available to departments, corporations, government agencies and other similar research institutions at \$150 per year. Organizational members may subscribe to the journals at an additional cost.

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Subscriptions are available on a calendar-year basis. Individual subscriptions are for the personal use of the subscriber and must be in the name of, paid directly by, and mailed to an individual. Individual subscriptions for 2007 are available to *The Annals of Probability* (\$110), *The Annals of Applied Probability* (\$105), *The Annals of Statistics* (\$115), *The Annals of Applied Statistics* (free to subscribers of *The Annals of Statistics*), *Statistical Science* (\$100), and *IMS Bulletin* (\$60). General subscriptions are for libraries, institutions, and any multiple-readership use. General subscriptions for 2007 are available to *The Annals of Probability* (\$270), *The Annals of Applied Probability* (\$186), *The Annals of Statistics* (\$270), *The Annals of Applied Statistics* (free to subscribers of *The Annals of Statistics*), *Statistical Science* (\$150), and *IMS Bulletin* (\$75). Airmail rates for delivery outside North America are \$80 per title (excluding *IMS Bulletin*).

The *IMS Bulletin* publishes articles and news of interest to IMS members and to statisticians and probabilists in general, as well as details of IMS meetings and an international calendar of statistical events. Views and opinions in editorials and articles are not to be understood as official expressions of the Institute's policy unless so stated; publication does not necessarily imply endorsement in any way of the opinions expressed therein, and the *IMS Bulletin* and its publisher do not accept any responsibility for them. The *IMS Bulletin* is copyrighted and authors of individual articles may be asked to sign a copyright transfer to the IMS before publication.

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5: June	May 1	May 15	June 1
6: July	June 1	June 15	July 1
7: August/September	July 1	July 15	August 1
8: October	September 1	September 15	October 1
9: November	October 1	October 15	November 1
10: December	November 1	November 15	December 1

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**January/
February
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for
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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:

8 **2 2 4** ✗ No repeated digits in a sequence.

8 **2 1 3** ✗ This row sequence doesn't add up to 8.

8 **1 5 2** ✓ ...this one does! (So does 1,2,5 and 3,1,4 and so on)

Solution 19 from last issue

4	3	1	2	8	9	7	5
9	5	2	6	7	3	1	
7	8	6	9		9	4	
6	1	7	9	4	3		
8	9	3		3	1	2	
9	7	4	5	8	6		
7	2		3	6	2	1	
6	4	3	1	7	5	2	
4	3	1	2		8	4	

Puzzle 20

	9	45	10		35	45	16
23				23			
36				41			
	15						
5	21			29			9
			16				
35							
30					11		
	17				24		
	12						3
41							
7				14			

Puzzle by www.yoogi.com