

September/October 2004

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Barcelona: Annual Meeting reports



The 67th IMS Annual Meeting was held in Barcelona, Spain, at the end of July. Inside this issue there are reports and photos from that meeting, together with news articles, meeting announcements, and a stack of employment advertisements. Read on...

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Member News



In April 2004, **Stephen E. Fienberg**, the Maurice Falk University Professor of Statistics at Carnegie Mellon University in

Pittsburgh, was named the Thorsten Sellin Fellow of the American Academy of Political and Social Science. The academy designates a small number of fellows each year to recognize and honor individual social scientists for their scholarship, efforts and activities to promote the progress of social science. Fienberg is only the second statistician to be so honored; the first was Sir David Cox.

Fienberg, who served as IMS president in 1997-1998, was also elected this year as a Fellow of The Royal Society of Canada, in recognition of his fundamental and innovative contributions to the statistical theory and methodology for the analysis of discrete data, and to diverse areas of application. He was the only statistician and only non-resident Canadian elected this year. He will be inducted in Hull, Quebec on Nov 20.

Jeff Steif at Chalmers University of Technology in Sweden has been awarded the Goran Gustafsson Prize in mathematics for his work in "probability theory and ergodic theory and their applications" by the Royal Swedish Academy of Sciences. The award, given out every year in each of mathematics, physics, chemistry, molecular biology and medicine to a Swedish university scientist, consists of a personal prize and a substantial grant.



Jeff received his Ph.D. in mathematics from Stanford University in 1988, held postdoctoral positions at Rutgers and Cornell, and moved to Chalmers in 1991 where he obtained a professorship in 1998. He has also held a position at Georgia Institute of Technology.

IMS Bulletin Associate Editor **Nicole Lazar** has moved from Carnegie Mellon University to the University of Georgia. Her new email address is nlazar@stat.uga.edu

The DeGroot Prize is awarded every two years by the International Society for Bayesian Analysis to the author or authors of a published book in Statistical Science. The 2004 winner of the DeGroot Prize is *The Bayesian Choice: From Decision-Theoretic Foundations to Computational Implementation* (2nd edition) by **Christian P. Robert** (Springer-Verlag, 2001).

Robert's book was selected from 22 stellar submissions; the entries represented the full spectrum of topics in statistical science including introductions to probability and statistics (Bayesian and non-Bayesian), historical books, non-Bayesian methods, through to applications of Bayesian methods in astrophysics, biology, data mining, finance, and risk assessment. The selection committee believes that Robert's book sets a new standard for modern textbooks dealing with Bayesian methods, especially those using MCMC techniques, and that it is a worthy successor to DeGroot's and Berger's earlier texts.

The Prize is named for Morris ("Morrie") H DeGroot, author of *Optimal Statistical Decisions* (1970) and *Probability and Statistics* (1975), and recognizes the impact and importance of his work in Statistics and Decision Theory, and his marked influence on the evolution of the discipline over several decades through his personal scholarship, educational and professional leadership.

Bulletin moves to 10 issues

We are delighted to announce that the IMS Bulletin will be publishing 10 issues a year, starting in January 2005. This will mean that we will be able to make more timely announcements of meetings, job vacancies and so on. We are also changing the deadlines, starting with the Jan/Feb 2005 issue, to enable each issue to be mailed at the beginning of the period it covers, rather than the middle.

As always, please submit articles and news to the Editor via bulletin@imstat.org. Advertisements should be submitted to Elyse Gustafson, erg@imstat.org.

With ten issues, we will be on the lookout for more material, so if you have an idea for an article, or series, or if there's anything you would like to see in the Bulletin, please get in touch. We look forward to hearing from you!

	DEADLINE	ONLINE BY	MAILED BY
33 (6) Nov/Dec 04	Nov 1, 04	Nov 15, 04	Dec 1, 04
34 (1) Jan/Feb 05	Dec 1, 04	Dec 15, 04	Jan 1, 05
34 (2) Mar 05	Feb 1, 05	Feb 15, 05	Mar 1, 05
34 (3) Apr 05	Mar 1, 05	Mar 15, 05	Apr 1, 05
34 (4) May 05	Apr 1, 05	Apr 15, 05	May 1, 05
34 (5) Jun 05	May 1, 05	May 15, 05	Jun 1, 05
34 (6) Jul 05	Jun 1, 05	Jun 15, 05	Jul 1, 05
34 (7) Aug/Sep 05	Jul 1, 05	Jul 15, 05	Aug 1, 05
34 (8) Oct 05	Sep 1, 05	Sep 15, 05	Oct 1, 05
34 (9) Nov 05	Oct 1, 05	Oct 15, 05	Nov 1, 05
34 (10) Dec 05	Nov 1, 05	Nov 15, 05	Dec 1, 05

IMS Fellow Professor **Ester Samuel-Cahn** of the Hebrew University in Jerusalem has been awarded the Israel Prize for her creative work in the study of statistics. The Israel Prize is the State's highest and most prestigious award, and since its inception in 1953 has been awarded to some 551 people for their significant contributions to science, culture and the arts.

Prof Samuel-Cahn is well known for her research in the areas of empirical Bayes statistics and sequential analysis, especially her work on "prophet inequalities". She was a central figure in designing the Statistics program at the Hebrew University, and has played a major role in educating generations of statisticians, as well as students from application fields. She headed the Department of Statistics in the latter 1970s and in the 1990s was President of the Israel Statistical Association.

The Osmania University in Hyderabad, India, has established a new institute named in honor of **Calyampudi R Rao**, Emeritus Holder of the Eberly Family Chair in Statistics and director of the Center for Multivariate Analysis. The *C.R. Rao Advanced Institute of Mathematics, Statistics, and Computer Science* was inaugurated this spring with a symposium on "Challenges in Mathematical and Computer Sciences." The Rao Institute, which is intended to promote research and advanced study in the fields of mathematics, statistics and computer sciences, will host international workshops, conferences, and symposia to highlight advances in these fields.

A National Medal of Science laureate, member of the National Academy of Sciences, and Fellow of the Royal Society, Rao is acknowledged as one of the pioneers of modern statistics.

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IMS–Bernoulli Congress “a great success”

From July 26–31, 2004, over 700 statisticians and probabilists from all over the world gathered in the beautiful setting of Barcelona, Spain, for the 67th IMS Annual Meeting, held in conjunction with the Sixth World Congress of the Bernoulli Society.

At the opening ceremony, David Nualart, who chaired the local organizing committee, described these joint IMS-Bernoulli meetings, which are held every four years, as “the most important worldwide event in probability and statistics”. There was a particular emphasis on applications, and a wide-ranging selection of topics was represented in the invited and contributed sessions (listed on the conference website at <http://www.imub.ub.es/events/wc2004/>)

As well as the packed sessions, and many social activities, the usual IMS business took place: a report on the Council meetings is on page 6.

The Bernoulli Society President, Donald Dawson, described the meeting as “a great success, with exciting special lectures on the latest developments in probability and statistics and invited and contributed sessions on an amazing range of research topics and key areas of applications.”



New IMS Treasurer

IMS has a new Treasurer: **Jiayang Sun** (pictured above right) took over from Julia Norton (left) in Barcelona. Jiayang, who is Professor of Statistics at Case Western Reserve University, said she was “happy to carry on Julia’s torch and to serve this much-respected international statistics community”.

Jiayang is a life member of IMS and an elected member of ISI. Her research interests span a broad spectrum of statistical science with methodology, theory and computing, vertically integrated with applications and interdisciplinary work in astronomy, computer science, neuroscience, imaging and medical sciences. Her research contributions and projects, most supported by her NSF/NIH awards, include: Simultaneous Inferences and Multiple Testing; Data Mining, Graphics and Computing Methods; Mixtures and Bump Hunting Problems; Measurement Error Models; and Biased Sampling.

He added, “Together with the great hospitality of our Barcelona hosts this was both scientifically stimulating and highly enjoyable. The success of these joint IMS-Bernoulli Society meetings demonstrates the importance to the international probability and mathematical statistics community of the increasing cooperation between our two societies.”

[More on this in the next issue...]

Summing up after the meeting had finished, David Nualart said the meeting had gone “very well”, and picked out three

Continued on **Page 5**



[Above] Barcelona is a vibrant and beautiful city, “a synthesis of mathematics and nature”, as Terry Speed said in the Opening Ceremony. Stroll down its most famous street, La Rambla, where living statues, like those pictured above, stand stock still, wearing elaborate costumes – in sweltering summer temperatures.

[Below] The courtyard gardens of the University provided a scenic open air setting for the Reception on the first evening.



IMS and Bernoulli Special Invited Lecturers:



The IMS and Bernoulli Special Invited Lectures were well received. Many participants praised the high standard of the talks, and attendance at the sessions was high, despite the heat in the main lecture hall.

Pictured here, clockwise from lower left: Iain Johnstone (Wald Lectures); IMS Medallion Lecturers Evarist Giné, Alison Etheridge, Cun-Hui Zhang, Dominique Picard and Vladimir Koltchinskii; Jun Liu (Bernoulli); David Aldous (Kolmogorov); the packed, and hot, main lecture hall.

Also giving Special Invited lectures at this meeting were Wendelyn Werner (Levy), Steffen Lauritzen (Laplace) and Peter Bickel (Rietz).



Continued from Page 4

high points: the excellence of the talks, the high attendance at all the sessions, and the social events, especially the reception at the Palau de Pedralbes. The organizers had been concerned that the main lecture hall, Paranimf, would not be suitable for so many participants, but it turned out to be fine, except for the lack of air conditioning.

Wilfrid Kendall, Joint Scientific Program Chair, agreed that the meeting

had gone very well: "Everything went like a dream", he said. For him, the high points included "the stately magnificence of the University; the cheerful friendliness of the participants; the delight of working with the highly efficient and dedicated local organizers; the excellence of the talks; and the moment at the conference banquet when everyone started dancing."

Thinking of lessons to be learned from

organizing a big meeting like this, David mentioned the importance of having a tight control on the budget, "in order to know what you can improve", and said that pre-registration is helpful in estimating the number of participants. Wilfrid just added one point: set generous deadlines...

The Scientific Program Chair's report is available for download from <http://www.imstat.org/program/reports.htm> ✱



[Left]
IMS President Louis Chen and
Rick Vitale, Editor of the IMS
'Lecture Notes – Monograph
Series'



[Right]
Barcelona's most popular tourist attraction,
La Sagrada Família

IMS Council Meetings

The 2003–4 IMS Council met on 27 July in Barcelona. The Executive, Editorial officers and Committees presented their annual reports to Council, which are briefly summarized below. The full text of the various reports is available to download from the IMS Reports webpage, <http://www.imstat.org/officials/reports.html>

Executive Reports:

The then President, now Past-President, Terry Speed, firstly thanked the members of the Executive Committee and the “incredibly efficient” Elyse Gustafson. He reported on the challenge and fun in filling positions on IMS and related committees, and announced formally the creation of the Richard L Tweedie New Researcher Award (see page 8). He also praised the “cheerful and unselfish spirit” shown by the many members of our society, and expressed the hope that more members would participate more fully in IMS’s activities.

Julia Norton, in her last report as Treasurer (see page 4), reported that membership has risen by over seven per cent, and stands at its second highest level in the 70 year history of IMS. This is largely due to a surge in student member numbers, which in turn is because student membership remains completely free. Electronic access to IMS journals is popular: almost half of IMS members subscribe in this way to our journals.

Also on financial matters, at the first meeting of the 2004–5 Council, the new Treasurer Jiayang Sun proposed setting up an investment committee to examine how IMS handles its reserves. A \$5 increase in the individual subscription for *AoP* was approved, to cover the costs associated with going to six issues annually (see



[Above]: Socializing in the cool evenings

below). Institutional subscriptions will increase by approximately ten per cent, all others remain the same.

Program Secretary Andrew Noble presented the IMS mini-meetings, co-sponsored and sponsored meetings for 2004 to 2006. These are, as ever, listed in the International Calendar, on page 43, and online at www.imstat.org/meetings.

Editors’ Reports

Among the Editors’ reports, Robert Adler (*AAP*) said that submissions are up by 30%, but that there is a backlog of papers; Steve Lalley (*AoP*) also reported a backlog. Council approved that *AoP* should move to six issues a year and *AAP* should move to five issues for just next year, to tackle this backlog. The *AoS* Co-Editors, Jianqing Fan and Morris Eaton, also reported that submissions have increased, and that they are achieving nearly on-time production.

[More *AoS* news is on pages 10–11.]

Bernard Silverman, *Bulletin* editor, announced our move to ten issues (see page 3 for the new deadlines), and reminded all Council members to report news to us, particularly concerning obituaries, and to consider writing an article themselves.

Rick Vitale, the *Lecture Notes-Monograph Series* editor, reported on issues that are in the pipeline, and appealed for historical lecture



[Left]: Last year’s Carver Medal recipient, George Styan (left), with Keith Worsley

[Right]: Paul Shaman received the 2004 Carver Medal, “In recognition of his extraordinary long and excellent service, first as Managing Editor for all IMS journals and then Managing Editor for Statistical journals, as well as his service on numerous IMS committees and as Chair of the CIS Management Committee”





The Editors and Associate Editors of IMS publications (and the eagle-eyed among you might spot a possible future IMS member, or Editor?)

notes from distinguished statisticians.

Statistical Science reports that there is a May issue in the works. The new Executive Editor, Edward George (U Penn), takes over from George Casella in January 2005.

Web Editor Hemant Ishwaran reported on the online voting procedure: they had been expecting more online votes than last year, but in fact it was about the same – this may be due to the timescale for publishing the candidates' background information in the *IMS Bulletin*. The AOS website is now hosted at imstat.org, and the IMS site overall has seen an increase in traffic, partly as a result.

Paul Shaman, Managing Editor, Statistics, reported that everything was going smoothly in the production of *Stat Sci* and *AoS*.

Committees' Reports

Among the Committees reporting, the Fellows Committee noted that two-thirds of those nominated were unsuccessful, and that better guidelines could be drawn up, though it would not be appropriate to enforce a particular number of approvals each year, since the quality of nominations varies. The new Fellows for 2004 are listed on page 17, and nomination information on page 16.

The Memorials Committee proposed dedicating an issue of *AoP* to the memory of Joe Doob; this was accepted.

Equal Opportunities

Also at the Council meetings was a discussion of a policy statement on equal opportunities. The following motion was adopted:

Resolved, that the IMS is an equal opportunity organization, which seeks to ensure that all of its members participate in all of its activities to the fullest extent that is appropriate, regardless of age, sex, race or ethnicity, subject matter speciality, or any other characteristic. These opportunities for participation include, but are not restricted to, membership of its standing committees, its program committees for sponsored and co-sponsored meetings, and its honors and awards, including fellowships and special lectureships.

Resolved, that the IMS Council instructs the Executive Secretary to call

the resolution above regularly to the attention of individuals in charge of various aspects of the Institute's activities. The Executive Secretary should do this by:

(i) distributing a notice containing the resolution from time to time to the Committee for the Carver Medal, on Fellows, on New Researchers, on Nominations, to Select Editors, to Select Administrative Officers, and on Special Lectures; and (ii) by asking the Program Secretary to ensure that all Program Chairs and/or IMS Representatives of IMS sponsored or co-sponsored meetings receive copies of the notice, with a request that the notice is passed on to all organizers of sessions at such meetings.

It was also agreed to collect demographic data from members, since without this, it is impossible to tell whether we are representing our members. More about this in a future issue.

✱

[Below]: Antonio Gaudí, Barcelona's favorite architect, was one of the founders of the 'Modernista' movement, the Catalan take on Art Nouveau. This is the rippling façade and roof of Casa Batlló, Gaudí's emblematic "dragon house"





Leopold Schmetterer

1919–2004

On August 23, 2004, IMS Fellow Leopold Schmetterer died in an accident. He had stopped a car to ask the driver to take him to a nearby village, and minutes later this car was hit by a train on an unsafe railway crossing.

Leopold Schmetterer was born on November 8, 1919 in Vienna. He studied mathematics at the University of Vienna, where he obtained his PhD in 1941 on a topic in number theory. His first publications dealt with geometric number theory and Fourier series. In 1949 he obtained the *venia docendi*, after having submitted his Habilitationsschrift “Über die Approximation gewisser trigonometrischer Reihen”. After promotion to Associate Professor in 1955, he moved to Hamburg, where he took up the position of a Full Professor and director of the Departments of Mathematics. Five years later, he moved back to the University of Vienna as Full Professor of Mathematics and Statistics. From 1971 until his retirement he held the Chair of Mathematical Statistics at the Department of Statistics at the University of Vienna.

Schmetterer was a member of the German Academy of Sciences Leopoldina (1970), the Austrian Academy of Sciences (1971), the Academy of Sciences of Saxonia (1983) and Bavaria (1984). From 1975 to 1983 he was secretary general of the Austrian Academy of Sciences.

Schmetterer’s scientific oeuvre is broad and deep. It contains over 100 publications in number theory, trigonometric series, probability theory, and mathematical statistics. His book “*Mathematische Statistik*” was the first definitive German reference on this topic; it was subsequently translated into English and Russian. Pioneering was his work in stochastic approximation, in the theory of unbiased estimation and the foundation of probability on non-commutative groups.

In 1962 Leopold Schmetterer founded the Springer Journal “*Zeitschrift für Wahrscheinlichkeitstheorie und verwandte Gebiete*”, re-named “*Probability Theory and Related Fields*” in 1986. He received numerous prizes and honors, including the Boltzmann prize and the Schrödinger prize as well as an honorary degree from the University of Clermont-Ferrand.

Prof. Georg Pflug,
Department of Statistics and Decision Support Systems,
University of Vienna, Austria

Tweedie New Researcher Award

Depending on when you are reading this, there may still be time to apply for this Travel Award...

Richard Lewis Tweedie played a significant role throughout his professional career in mentoring young colleagues at work and through professional society activities. With funds donated by his friends and family, we are pleased to announce the creation of the Tweedie New Researcher Award.

The purpose is to fund travel to present the *Tweedie New Researcher Invited Lecture* at the IMS New Researchers Conference (next year in Minneapolis, immediately before JSM). For the purpose of the award, a new researcher is within ten years of the completion of their doctoral degree. Nominees should be members of the IMS at time of nomination.

Up to US \$2000 per award will be granted, to be reimbursed against receipts. Only one award may be made.

Nomination Process:

Please send six collated copies of the completed nomination form (available from <http://www.imstat.org/awards/tweedie.html>) extended abstract, CV and two letters of recommendation, by **October 1, 2004** to:

Tweedie Award Nomination
Institute of Mathematical Statistics
3163 Somerset Dr
Shaker Heights OH 44122

Applications will be reviewed by members of the IMS Committee on Travel Awards. Nominators and the recipient will be notified in early January 2005. *

Alice Whittemore to receive Norwood Award

The Department of Biostatistics and the Section on Statistical Genetics in the School of Public Health at the University of Alabama at Birmingham are proud to announce the recipient of the third annual Janet L Norwood Award for outstanding achievement by a woman in the statistical sciences as Alice S Whittemore PhD, Professor of Health Research and Policy at the Stanford University School of Medicine. Dr Whittemore has published extensively on the epidemiology of site-specific cancers, and on improved statistical methods for the design and analysis of cancers of the prostate, ovary, and breast.



Dr Whittemore's work has been recognized by many honors. She has been elected to the Institute of Medicine, is a Fellow of ASA and AAAS, and Past-President of WNAR. She also serves on the Board of Scientific Advisors of the US National Cancer Institute and the Board of Scientific Counselors of the US National Institute for Environmental Health Sciences, and the Prostate Health Council of the American Foundation for Urologic Diseases.

Dr. Whittemore will attend an award ceremony in her honor at UAB's Alys Stephens Center on October 15, 2004 where she will present a lecture to the UAB community and Birmingham community at large, and receive the award and a prize fund. More details about the event: http://www.soph.uab.edu/ssg_content.asp?id=1166.

Recent Advances in Time Series Analysis

Rainer von Sachs of Louvain-la-Neuve, Belgium, was one of the organizers of this IMS co-sponsored workshop, which took place June 9–12 in Protaras, Cyprus. He reports:

This workshop was held in the relaxed pre-season atmosphere of a lovely tourist resort on the east shore of the beautiful island of Cyprus. It was attended by around sixty participants from all over the world who enjoyed both the high-quality "intellectual food" and the excellent local cuisine — seafood, barbecues and great wines.

The meeting brought together international experts (there were four keynote speakers and eighteen invited speakers) on up-to-date research topics in time series analysis, with about thirty young people who were eager to learn from the experts and to present their own work during two well-attended poster sessions.

We regret, of course, that most unfortunately our special invited lecturer, Prof. Clive Granger, could not assist due to health problems. However, our four keynote speakers (Rainer Dahlhaus, Heidelberg University, Richard Davis, Colorado State University, Dimitris Politis, University of



California at San Diego, and Qiwei Yao, London School of Economics) nicely guided us through the program by well-prepared tutorials giving both introductory material and touching upon their most recent developments ("...papers being still wet...").

We are also most grateful to the organizers of the six invited sessions who managed to build-up a diverse scientific program of high quality, as well as to our local organizers Theofanis Sapatinas and Efstathios Papariditis with their team from Cyprus University, and to the helpful and friendly personnel of our hotel, Tetyk.

The key to the success of this meeting, however, has been the fruitful atmosphere of scientific chats of everybody with everybody, despite the diversity of research interests and age.

Many thanks to IMS for the co-sponsorship of this successful event which is likely to encourage follow-up meetings of the same kind.

GIVE A LITTLE BACK: Gift Memberships

The Institute's Gift Membership Program is successfully continuing into its 15th year.

The goal is to provide IMS memberships and journals for statisticians and probabilists in the regions of the world where payments in hard currency would impose a difficult financial burden.

The IMS Council invites you to donate either a gift membership to a designated individual or simply to donate to the general program fund. From this fund, we support members from past years' lists of recipients.

For more information about this important program, or to make a donation, please contact Elyse Gustafson, IMS Executive Director, at erg@imstat.org.

Other contact details are in the panel on page 2.

Letter to the Editor

Letters on any issue of interest to IMS members are welcome.

Email your letters to the Editor at bulletin@imstat.org.

Some small print: the Editor's decision is final; we may edit your letter before publication; 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 Cost of Journals and Books

Dear Editor

The increased cost of journals has had a drastic effect on university libraries. At Stanford we have terminated some subscriptions, and I have just been notified of a new series of journal cancellations. We have difficulty in subscribing to new journals, and the number of book purchases has been curtailed, in spite of the fact that our overall budget has increased.

Not too long ago the price of Gordon & Breach journals had increased beyond reason, causing a number of cancellations. Recently Elsevier announced a bundling scheme that has created a new budgetary crisis. *Communications in Statistics – Theory and Methods* costs \$2,995, *Simulation and Computation* \$1,310.

The *New York Times* (June 26, page A15) in an article “A quiet revolt puts costly journals on Web” reported that a neurobiologist, “decided to release a ground-breaking study in an upstart online journal” instead of the mainstream *Journal of Comparative Neurology* (Wiley - cost \$1,995). Apparently, this was a first. The *Times* noted that journal prices increased 215 percent from 1986 to 2003, whereas the consumer price index increased only 63 percent.

What should the statistical profession do?

I note that Don Knuth suggested that the editorial board of *Journal of Algorithms* (an Elsevier publication) resign en masse (which they did) and start a new journal *Transactions on Algorithms*.

Such a move might succeed in one or two cases, but I don't believe that it is an answer for our profession. Rather, I suggest that the mathematical community (AMS, MAA, IMS, ASA, SIAM, etc.) form a publishing enterprise that will undertake to launch competing journals. The web may be a viable alternative, but it leaves many issues unanswered.

At the very least I urge my colleagues to refrain from joining editorial boards of high cost journals (or high cost book publishers). We depend on publications, and we depend on libraries to make these publications accessible. We need to take a proactive role in curbing the domination of commercial publication of our work.

Ingram Olkin
Stanford University



New Initiative from The Annals of Statistics: “Suggested Referee Option”

Jianqing Fan, AOS Co-editor, writes:

The Annals of Statistics makes every effort to expedite the reviewing process and communicate a decision within six months. This pledge has been very successful so far. In an effort to improve the reviewing process and to better serve our community, the *Annals* adopts the following Suggested Referees Option (SRO), effective immediately:

In the cover letter accompanying a submission, authors are encouraged to suggest up to five suitable referees along with their email addresses for their submitted work. These suggestions will be forwarded to the Associate Editor handling the manuscript in an effort to expedite the refereeing process. The final selection of referees is made by the Associate Editor and may or may not include any of the suggested referees.

This SRO information can also be found on the *Annals* web page <http://www.imstat.org/aos/>.

It should help the Associate Editors identify more qualified and enthusiastic referees and help expedite the refereeing process. Authors are strongly encouraged to take advantage of this SRO when submitting their work.

Please spread the word about this new initiative.

IMS Council Members 2004–05:

Alan Karr, Steve Marron, Per Mykland, David W Scott, Jane-Ling Wang, Richard Gill, Hans Künsch, Christian Robert, Ruth Williams, Erwin Bolthausen, Tom DiCiccio, Nancy Flournoy, Xuming He, Susan Holmes and Michael Steele.

***Annals of Statistics* provides pointers at NRC**

Morris L. Eaton, AOS Co-editor, discussed the publishing process for the New Researchers gathered in Toronto.

From August 4–7, 2004, the IMS-sponsored New Researchers Conference was held at York University in Toronto, Canada. The work of Chris Volinsky and Peter Song contributed enormously to the success of this conference. At the meeting there was a panel discussion with four editors, past and present, of different statistical journals. The purpose was to provide the assembled new researchers with a few thoughts on the editorial and publication process and, more importantly, to provide ample time for questions.

As a panel member representing *The Annals of Statistics* (AOS), my remarks focused on two themes: first on the mechanics of the review process, and second on one of the important things new researchers can do to help themselves and the editorial process.

The review of an AOS submission is relatively easy to describe. The flow of a manuscript is ordinarily the following: author to editor, to associate editor, to referees, back to associate editor, back to editor, and finally back to author. This manuscript flow is called the “author-to-author cycle.” Assume the manuscript is not rejected. In the final step of the cycle, the editor conveys a decision to the author which is most often a request for a revision and a point-by-point response to the comments/suggestions/criticisms etc of the referees and/or the associate editor. Once the author has completed the requested task and resubmits the paper, the whole author-to-author cycle begins again. In most cases the number of cycles is finite and the paper appears in the AOS. Co-editor Jianqing Fan and I try to keep the length of each cycle to less than six months, but because of the

nature of the process, the actual cycle time depends to large extent on the cooperation of the referees. Authors are encouraged to check with the editor handling the submission if six months has passed without word from the editor.

My choice of the second theme was motivated by the most common reason for extended review times and multiple revision requests: namely, **poorly prepared manuscripts**. The editorial term “poorly prepared” sometimes refers to poor organization and exposition while in other cases to poorly executed technical details. What the *Annals* expects is that authors have the skills of both Ernest Hemingway and Paul Halmos, thus producing papers with exciting concise exposition and with beautifully written transparent mathematics. Of course, very few of us achieve this level, but a laudable goal it is. New researchers are encouraged to go the extra mile to submit papers that are well organized, carefully written and technically sound. It is not uncommon for a paper to be rejected primarily because it is poorly prepared. Even if such papers are not rejected, the revision process can be significantly extended when authors are less than diligent in manuscript preparation.

Guidelines and resources for authors can be found at the AOS web site <http://www.imstat.org/aos/>. New researchers should take a look at this before you submit.

Writing good prose comes with much practice, hard work and constant rewriting. Most often the relevant skills develop throughout our school years and beyond. Writing good mathematics is quite another matter. It was recognized long ago that graduate programs in mathematics and statistics are woefully neglectful when it comes to mathematics-writing instruc-

tion. Typically a student’s introduction to this subject smacks of trial by ordeal. Often we are first faced with the problem when writing a dissertation. Immediately thereafter submitting publishable papers is a requisite activity for many. However there are resources available. One of the first articles on this subject, written in 1970, is the outstanding Halmos contribution “How to write mathematics” which appears in a variety of places, for example, in *Selecta*, a collection of expository articles written by Halmos (Springer-Verlag, 1983). An example of an elegantly written undergraduate mathematics text that I highly recommend is Halmos’s “Finite Dimensional Vector Spaces” (now in the UTM series of Springer-Verlag). Another excellent resource is Leonard Gillman’s 1987 *Writing Mathematics Well* published by the MAA. For most of us writing good technical material is a skill acquired after receiving an advanced degree.

One practical strategy I have found useful in writing papers is the following. First find two or three articles in your area of expertise that you think are rather well written. Using these as a guide, prepare a draft of your paper. Next ask a colleague to read and criticize the draft. Finally revise the draft. An extra month or so polishing and tweaking a paper is well worth the effort. It is far better to fix things before, rather than after, submission.

Jianqing Fan and I look forward to receiving new researchers’ carefully prepared and well written papers. *The Annals of Statistics* does give special consideration to new researchers’ work, so please identify yourself as appropriate when you submit.

A full report on the New Researchers’ Conference will appear in the next issue. See also the Tweedie Award announcement on page 8.



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Profile: Julian Besag, FRS

As reported in the previous issue of the *Bulletin*, Julian Besag, Professor of Statistics at the University of Washington in Seattle, has been elected a Fellow of the Royal Society. The Royal Society was founded in 1660 and its fellowship is drawn from scientists and engineers who are citizens or residents of the United Kingdom, other Commonwealth countries and the Republic of Ireland; further details are at <http://www.royalsoc.ac.uk>.

Julian's early university career was unusual. Following an unproductive period at Cambridge, nominally reading engineering, he obtained a BSc from Birmingham University in 1968. He considers himself "immensely fortunate" to have been there during a golden era in the Department of Mathematical Statistics, taking classes from Henry Daniels (chair), Vic Barnett, Frank Downton, Ann Mitchell, John Nelder, David Wishart and Steven Vajda. Julian then joined the Department of Biomathematics at Oxford University as full-time research assistant to Maurice Bartlett, working on problems in spatial statistics and what are now called Markov random fields (MRFs). At the time, the Science Research Council would not allow its employees to register for a doctorate and so Julian does not have a graduate degree.

After a stimulating year at Oxford, he obtained a lectureship at Liverpool University, where Michael Sampford was chair of a thriving statistics group. In 1974, Julian gave his first read paper to the Royal Statistical Society (RSS), reprinted in Volume III of *Breakthroughs in Statistics*. The Hammersley-Clifford theorem was a crucial ingredient of the paper. In 1975, he visited Princeton University for six months, where he learnt about exploratory data analysis from John Tukey. Julian then moved for a promotion to the Department of Mathematics at Durham University. Initially, Allan Seheult was the only other statistician there but Peter Green and Chris Jennison were subsequent recruits and the group flourished despite its small size. RSS awarded Julian the 1983 Guy Medal in Silver for his contributions to spatial statistics. In 1986, he read a paper on statistical methods for image analysis to RSS; this became the most cited paper by a UK mathematical scientist in the 1980s.

Reminder: Reduced Dues Available

Reduced dues are available to two groups of people:

- (i) retired individuals who are IMS members of 10+ years, and
- (ii) permanent residents of countries with a gross national product per capita of less than US\$9205. The list of these countries is at http://www.imstat.org/membership/designated_countries.htm

Please contact the Dues and Subscriptions Office (see panel on page 2) for more information on membership.



Julian Besag, on board his sailboat, "Annie"

Markov chain Monte Carlo (MCMC) generally provides the only means of simulating MRFs. The seminal work of Ulf Grenander and Donald and Stuart Geman on image analysis, together with the dramatic increases in computing power routinely available to statisticians, led Julian to adopt MCMC for fully Bayesian analysis of spatial systems in the late 1980s, especially for complex formulations in geographical epidemiology, an interest stimulated by Sylvia Richardson. In 1989, Julian was a visitor in the Department of Statistics at the University of Washington. In 1990, he moved to the University of Newcastle upon Tyne, before returning to Seattle on a long-term basis in 1991. Among the main strengths of his current department, Julian cites the wide range of research interests and the recruitment of excellent junior faculty and graduate students.

Julian coauthored two further read papers to RSS in 1993 and 1999, the first on MCMC methodology with Peter Green, the second on Bayesian analysis of agricultural field experiments with David Higdon. Among other topics, Julian continues to work on exact Monte Carlo and MCMC p-values, stimulated originally by Brian Ripley. Julian first wrote about the former in 1977 with Peter Diggle, who had been a student at Liverpool, and introduced the latter in a 1989 *Biometrika* paper with Peter Clifford.

Julian is a past member of council of RSS and was elected Member of the International Statistical Institute in 1984 and Fellow of IMS in 1991. He co-chaired the panel that wrote the wide-ranging report on "Spatial Statistics and Digital Image Analysis", published by NAS in 1991, and gave an IMS special invited presentation in 1992. His research has been cited in more than 250 different journals.



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The monograph assumes that the reader has a solid foundation in statistical inference, linear and generalized linear regression models, and a basic knowledge of multivariate methods. It is appropriate for second year doctoral students or postdoctoral fellows in Statistics/Biostatistics as well as researchers or faculty interested in learning about the field.

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Meet the Members

Three more members tell us some interesting things:

Jay Kerns



Assistant Professor,
Youngstown
State University.

Member of IMS
for 5 years

If you could have dinner with someone famous, living or deceased, who would it be?
David Hume. In fact, his 'Enquiries' were exactly what prompted me to study Statistics in the first place...plus, he seems to have been a really cool guy.

What is the last book you read or movie you saw?

Book: *The Gripping Hand*, by Larry Niven and Jerry Pournelle; movie: *Mystic River*

What did you do last Saturday?

I went to the oriental market, in Toledo.

You have unlimited funds for a one week dream vacation. Where would you go?

Switzerland, to see the Alps.

Tell us something that others might find surprising about you?

I started out as a Music teacher.

Claudia Schmiegner



Assistant Professor,
DePaul University

Member of IMS for
2 years

If you could have dinner with someone famous, living or deceased, who would it be?
Blaise Pascal: I would ask him how and why his life and death experience radically turned him from Mathematics for a while.

What is the last book you read or movie you saw? I have recently seen *The Terminal*. As an emigrant myself, I could relate to Viktor Navorski to some degree. The last book I read is *The Lady Tasting Tea* by David Salsburg. It was very enjoyable.

What did you do last Saturday?

I went to the shore of Lake Michigan for a barbecue with family and friends. We were caught in pouring rain and ate in the car – which didn't spoil the fun but added to it.

You have unlimited funds for a one week dream vacation. Where would you go?

I think I would go to New Zealand and I would take Greg, my husband, with me.

Tell us something that others might find surprising about you?

Many still find it surprising that I am an assistant professor. In a way it is understandable since it has been just one year since I graduated and, to some degree, still act like a student!

Ernesto Mordecki Pupko



Associate Professor,
Universidad de
la República,
Montevideo,
Uruguay

Member of IMS for
less than a year: "I
contacted the IMS

when organizing the IX Latin American Congress of Probability and Mathematical Statistics (CLAPEM, March 2004) and joined afterwards"

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

Undoubtedly, Andrei N. Kolmogorov (1903-1987). I would prefer to go for a walk, as he used to do with his students.

What is the last book you read or movie you saw?

I just read *Mamá Leticia y otros relatos* by Alejandro Paternain. Currently re-reading *El Aleph*, by Jorge Luis Borges.

What did you do last Saturday?

I went to the park with my two children (Gonzalo 7, Mauricio 5), and my wife Rosana.

You have unlimited funds for a one week dream vacation. Where would you go?

I don't know...I should ask my wife...

Tell us something that others might find surprising about you?

Just being a mathematician surprises many people. Among mathematicians and statisticians, I think that being Uruguayan and obtaining a PhD in Moscow is somewhat unusual.

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IMS Fellow Nomination Information

All information and an online fill-in form are available at <https://www.imstat.org/secure/awards/fellows.asp/>

Qualifications for Fellowship:

The candidate shall have demonstrated distinction in research in statistics or probability, by publication of independent work of merit. This qualification may be partly or wholly waived in the case of:

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

Submission process:

Electronic submission is highly encouraged. Please use online form for item 1 below. All other items should be sent via email to erg@imstat.org, including the following subject line: *FELLOW NOMINATION: <Last name of nominee>*.

Deadline:

All nominations must be received by **January 31, 2005**.

Nomination Material :

ALL ITEMS ARE REQUIRED FOR CONSIDERATION

1. Nomination form at <https://www.imstat.org/secure/awards/fellows.asp/> This includes the following required information:
 - Name of Nominee
 - Date of birth
 - Degrees (titles, dates, schools, and fields)
 - Present position(s)
 - Significant former positions with dates
 - Draft citation that might accompany election to Fellowship
 - Nominator contact information

Send the following via email to erg@imstat.org include subject line *FELLOW NOMINATION: <last name of nominee>*. Items can be sent as pdf, ps or plain text attachments.

2. Letter from nominator
3. A list of not more than five publications or other reasons for the nomination
4. Recent CV (not older than 2 years)
5. 3-5 supporting letters (in addition to the nominator's letter). Letters are expected to explicitly address the above IMS criteria for fellowship.

If electronic submission is not possible, please send items to: IMS Fellows Committee, 3163 Somerset Drive, Shaker Heights OH 44122, USA.

The 2005-6 Special Invited Lecturers will be:

Wald Lectures: **Srinivasa Varadhan**, New York University

Neyman Lecture: **David Brillinger**, University of California, Berkeley

Medallion Lectures: **Andrew Barron**, Yale University

Amir Dembo, Stanford University

Oleg Lepski, Université d'Aix-Marseille

Jean-Francois LeGall, École normale supérieure, Paris

Thomas Mountford, École Polytechnique Fédérale de Lausanne

Art Owen, Stanford University

Adrian Raftery, University of Washington

Christian Robert, Université Paris-Dauphine
Alain-Sol Sznitman, Eidgenössische Technische Hochschule (ETH) Zurich

Ofer Zeitouni, University of Minnesota

Past IMS Bulletin Editors

Leo Katz (1972-74);

Dorian Feldman (1975-80);

William C Guenther (1981-86);

George P H Styan (1987-92);

Susan R Wilson (1992-97);

Dipak K Dey (1998-2001)

New IMS Fellows

The 12 new Fellows of IMS for 2004 are:

Yacine Ait-Sahalia, Princeton University

for developing new statistical methods for diffusion and other stochastic processes, for identifying and opening new fields of applications of statistics including nonparametric inference and testing to the analysis and pricing of financial instruments, and for his conscientious professional service.

Rosemary Anne Bailey, Queen Mary and Westfield College

for fundamental contributions to the design and analysis of experiments, and for outstanding editorial service to the profession.

Yasunori Fujikoshi, Hiroshima University

for outstanding contributions in multivariate analysis, in particular in the asymptotic theory of test statistics in normal and non-normal samples, selection of variables, providing error bounds in asymptotic expansions, and for inspiring teaching and supervision of graduate students.

Christian Houdré, Université Paris XII

for his outstanding work in the theories and applications of non-stationary, non-Gaussian processes, wavelet transforms, and isoperimetric inequalities.

Vladimir Koltchinskii, University of New Mexico

for outstanding research on empirical processes, statistical theory of learning and multivariate statistics.

Jun Liu, Harvard University

for his fundamental contributions to computation in statistics, especially MCMC methods in Bayesian models, and for scientifically innovative and important applications in bioinformatics and computational biology.

Mark Low, University of Pennsylvania

for his fundamental contributions to asymptotic decision theory

and nonparametric inference, for helping to create a new direction of research into asymptotic equivalence of experiments, and for an extensive body of research providing innovative insights into general questions of minimaxity and adaptivity in nonparametric estimation.

Terence John Lyons, Imperial College London

for fundamental contributions to analysis and probability, ranging from those of a purely geometric character to applications in financial management.

Dimitris N. Politis, University of California, San Diego

for innovative methodology in the analysis of time series and models of spatial dependence, as well as ground-breaking theory in nonparametric statistics.

Xiaotong Shen, University of Minnesota

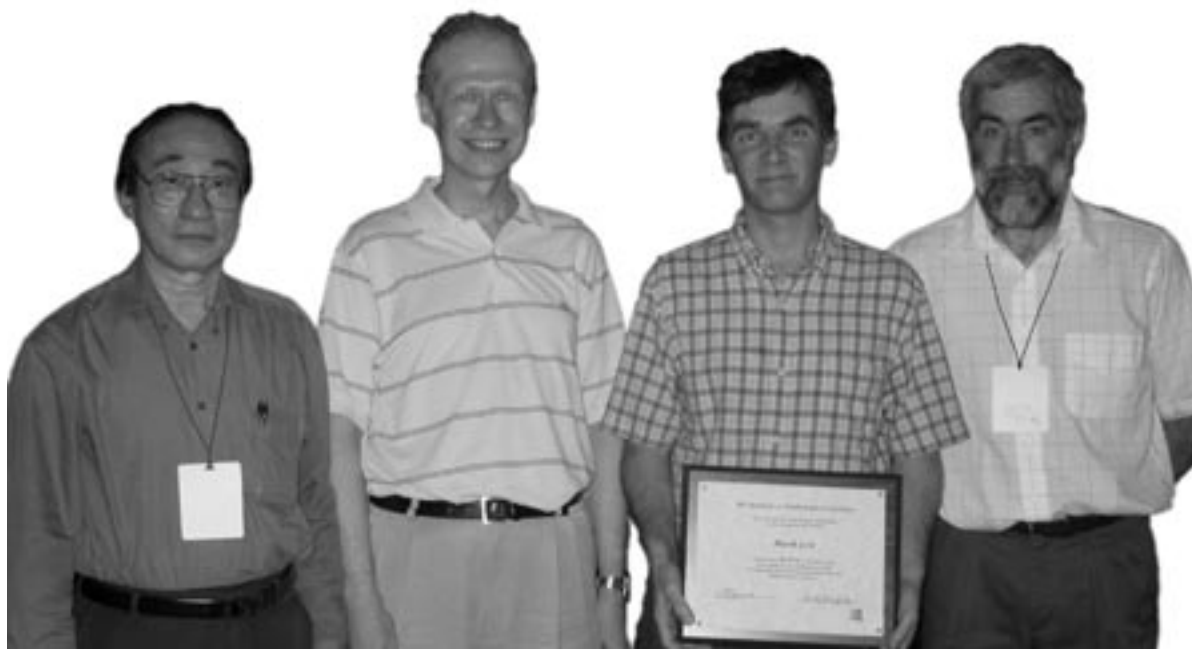
for fundamental contributions to the likelihood theory for non/semi-parametric models and for frequency properties of Bayes procedures in such situations and for substantial and original contributions to the problems of model selection and assessment, nonparametric hypothesis testing and machine learning.

Vladimir Spokoiny, Weierstrass Institute and Humboldt University

for his far-reaching and significant contributions to the fields of adaptive minimax estimation and testing, wavelets, dimensionality reduction, nonlinear time series, image analysis and classification.

Alexandre B. Tsybakov, Université Paris VI

for the excellent research in mathematical statistics, such as frontier work on empirical risk, nonparametric regression and image reconstruction, and for the services to the international statistical community.



The 2004 IMS Fellows were presented in Barcelona. Mark Low, pictured here, was one of those who received a plaque. Left-right: Louis Chen, Per Mykland, Mark Low and Terry Speed.

IMS Meetings around the world

Minneapolis: Joint Statistical Meetings 2005

IMS Co-sponsored Meeting:

2005 Joint Statistical Meetings (including 68th IMS Annual Meeting)

August 7–11, 2005

Minneapolis, MN

The theme will be *“Using our Discipline to Enhance Human Welfare”*.

Call for Invited Session Proposals

Daniel F. Heitjan, University of Pennsylvania

2005 JSM Program Chair

The Mall of America in Bloomington, Minnesota has so many stores that if you browsed for only ten minutes in each you would need to spend almost four days there. The Joint Statistical Meetings (JSM) - the annual gathering of the American Statistical Association, the Statistical Society of Canada, the International Biometric Society's Eastern and Western North American Regions, and the Institute of Mathematical Statistics - is a similarly vast marketplace of statistical thinking. The JSM draws statisticians from around the world, from every area of science, and from all corners of industry, the government and academe to discuss the latest developments in statistical theory, methods, and application. The 2005 JSM, to be held from August 7–11 in Minneapolis, promises to continue this extraordinary tradition of intellectual richness and diversity.

The 2005 JSM Program Committee is now beginning to plan the invited program around the theme, “Using Our Discipline to Enhance Human Welfare.” As in past years, there will be three main kinds of invited presentation:

An Invited Paper Session typically brings together a set of speakers (and possibly discussants) to describe the latest research in an area of statistical theory or application. Alternative formats include panel discussions, tutorials, results of data analysis competitions, mock trials, and debates.

Invited Introductory Overview Lectures (IOL) review a newly developing areas of statistical theory or application. IOLs can introduce an emerging statistical methodology to potential practitioners or a new scientific technology to a general statistical audience. IOLs have become one of the more popular attractions at recent JSMs and thus are an ideal forum for popularizing important new research developments.

An Invited Poster Session brings together 10 to 12 participants to present ideas on a common theme in a format that allows for more innovative use of audio-visual and computer technology than the standard invited session. The poster format also fosters the kind



of in-depth, face-to-face discussion that is seldom possible at regular talks; presenters and audiences have found it to be a highly efficient and enjoyable way to exchange information and make new connections. Thanks to the recent renegotiation of the JSM joint venture agreement, the 2005 JSM will have roughly one-third more invited session slots than previous years. This creates an extraordinary opportunity for our members and participants to present the finest in statistical thinking in new and creative ways. For example, invited talks typically bring together famous statisticians to describe the latest technical developments in a single, highly focused area of research. An alternative format could have new, less well-known statisticians discussing the latest research across a broader area of science, perhaps with commentary from a distinguished senior statistician. If you have an idea for an invited session, even just the germ of an idea, please feel free to discuss it with the Program Committee member in your area of interest, or contact one of the General Methodology Chairs (John Kolassa and Michael Elliott), the Poster Chair (Ken Cheung), or me. We are eager to hear your ideas, and we look forward to working with you to develop a rich and exciting program. We hope to make this the best four days you'll ever spend in the Twin Cities.

Key Dates from

www.amstat.org/meetings

- Dec 1, 04 – Feb 1, 05: Online submission of abstracts
- March 1, 05: Hotel reservations available
- April 1, 05: Preliminary technical program online
- May 2, 05: Registration materials available online
- May 31, 05: Preliminary PDF program
- June 1, 05: Draft manuscripts due to session chairs
- June 30, 05: Early bird registration ends
- July 21, 05: Advance registration (increased fees apply)
- July 12, 05: Final PDF program available
- July 14, 05: Hotel reservations deadline
- August 6 – 11, 05: On site registration



IMS Co-sponsored Meeting:

2005 ENAR/IMS Spring Meeting

March 20–23, 2005, Austin, Texas



Program Chair: A John Bailer, Miami University

IMS members are invited to start next Spring near ENAR's southwestern edge, in the pleasant warmth and charm of Austin, Texas, at the 2005 Spring Biometrics Meeting. This meeting will be held from March 20–23, 2005 at the Hilton Austin. The call for contributed papers will be issued September 15 with contributed abstracts received from Sept. 15– Nov. 15 (see www.enar.org).

The theme “*Spanning the Breadth of Biometrics: From Ecosystems to Health Care Systems*” emphasizes that core concepts and methods both contribute to and are enriched by highly varied interdisciplinary science. An invited program including 40 invited sessions, one to be co-sponsored with IMS, has been selected. Five additional IMS sessions, on topics picked by IMS Program Chair Runze Li to mesh with ENAR interests, make Austin's invited program the most extensive in ENAR's history.

Theme sessions on wildfire data, natural resource estimation, precision agriculture, security biometrics, geoinformatics, confidentiality in public-use data sets, cost-effectiveness of health care, and psychometrics in biometrics, exemplify the extended scope of our activities. Other sessions will provide introductory presentations or surveys of mass spectrometry proteomics, computational biology, multi-state survival models, and joint modeling of longitudinal and survival data. Multiple sessions in clinical trial design and analysis, genomic and proteomic data, epidemiologic methods, statistics of surveys and public policies, imaging, and environmetrics, and sessions highlighting recent research in mixtures, semiparametric inference, isotonic methods, high-dimensional data analysis, and non-Gaussian mixed models, provide a rich selection to which contributed sessions will add.



A few of Austin's sights. Clockwise from above: the 360 Bridge over the Colorado River; Waterfall and sculptures in the city's Umlauf Sculpture Garden and Museum in Zilker Metropolitan Park; the city skyline (Courtesy J M Branum)



Continuing education opportunities include short courses addressing a host of topics including random forests, non-Gaussian correlated data, interim clinical trial monitoring, analysis of surrogate endpoints, up-and-down and other response adaptive designs, and DNA sequence analysis. Tutorials are also offered on a range of topics including quantile regression, gel electrophoresis proteomics, power/sample size analysis, and the analysis of messy data.

IMS co-sponsored meeting

New Directions in Probability Theory 2005

IMA, University of Minnesota. August 5–6, 2005 (prior to JSM)

<http://www.imstat.org/meetings/NDPT05/>

IMS Program Chair: Maury Bramson, bramson@math.umn.edu



The meeting consists of five sessions of invited lectures, a poster session of contributed papers, and four one-hour lectures, of which three are IMS Medallion Lectures. It is intended for a general probability audience interested in recent developments in probability theory. The topics of the sessions are *Flows and Random Media*; *Probability, Combinatorics, and Statistical Mechanics*; *Stochastic Integration*; *Stochastic Partial Differential Equations*; *Random Walk in Random Environments*

IMS Co-sponsored Meeting:

2006 ENAR/IMS Spring Meeting

March 19–22, 2006

Hyatt Regency, New Orleans, LA

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



IMS Co-sponsored Meeting:

2007 ENAR/IMS Spring Meeting

April 15–18, 2007

Fountainebleau Hilton Resort Miami, FL

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



More IMS Meetings around the world

IMS Co-sponsored Meeting:

The Joint Meeting of the Chinese Society of Probability and Statistics (CSPS) and IMS

July 9-11, 2005

Beijing, China

<http://math.bnu.edu.cn/statprob/CSPS-IMS2005/index.html>

The joint meeting of the Chinese Society of Probability and Statistics (CSPS) and the Institute of Mathematical Statistics will take place in Beijing on July 9-12, 2005. The venue of the meeting is Peking University, with accommodation offered in the nearby Friendship Hotel (shuttles will be provided between the university and the hotel).

As a city, Beijing offers many attractions both cultural and touristic. On behalf of the Program and Local Organizing Committees we are delighted to invite you to come to Beijing. Your participation will ensure that the 2005 CSPS/IMS joint meeting becomes an unforgettable scientific event.

The invited program covers a wide range of topics in statistics and probability, presenting recent and state-of-the-art developments in modern methodology research and applications such as nonparametric statistics, machine learning, finance, bioinformatics, environmental statistics, and information technology.

Submissions of contributed papers are invited to the conference website with a deadline of **January 20, 2005**.

Moreover, a half day sightseeing to the Great Wall during the meeting is planned and an after-meeting program and an accompanying persons program during the meeting are also being planned. Please visit the conference website for updates.

We look forward to meeting you in Beijing!

Mufa Chen & Guoying Li, Chairs of the CSPS Program Committee

Bin Yu, Chair of the IMS Program Committee

Zhi Geng & Shuyuan He, Chairs of the Local Organizing Committee

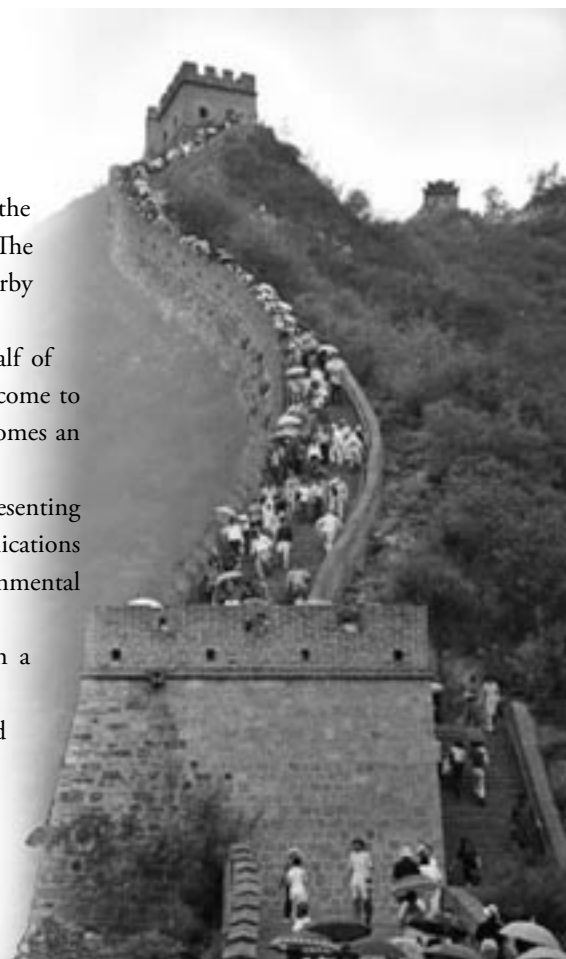


Image: Roel de Gama

Visit the Great Wall during your stay

IMS Co-sponsored Meeting:

WNAR

NEW

2005 WNAR/IMS Western Regional Meeting

Fairbanks, Alaska

June 21-24, 2005

<http://www.uaf.edu/wnar/>

Organizer: Christiana Drake, drake@wald.ucdavis.edu

IMS Program Chair: Thomas Lee

The University of Alaska Fairbanks will host the 2005 joint annual meeting WNAR and IMS. Contributed, invited, and student paper sessions are planned, as well as one

or more continuing education workshops. Textbook vendors plan to make recent titles available for review and purchase at the meeting. Participants are encouraged to register and make airline and lodging reservations early, as June is peak tourist season. For those wanting to see more of Alaska before or after the conference, the conference web page provides a link to the Fairbanks Convention and Visitors Bureau where you can plan your Alaskan adventure.

Hiking, white-water rafting and sight seeing at Denali National Park is about a two-hour drive from Fairbanks.

The planned deadline for abstracts is April 15, 2005. Please check the web site for updated information as it becomes available.

Contact Gilbert Fellingham gwf@byu.edu, phone 801-422-2806

NEW

Call for Proposals: 2006 Joint Summer Research Conferences

The American Mathematical Society, the IMS, and the Society for Industrial and Applied Mathematics welcome proposals from mathematicians, either singly or in groups, for conferences to take place in the summer of 2006 as part of the Joint Summer Research Conferences, contingent upon a grant from the National Science Foundation. The conferences will take place at Snowbird Resort located in the beautiful Wasatch Mountains just outside Salt Lake City, Utah.

For over twenty years these conferences have played a vital role in disseminating the latest research to more than 9,000 mathematicians whose research interests span the breadth of the mathematical sciences. Individuals willing to serve as organizers should be aware that staff of the sponsoring societies handle the logistical details of the conferences, thus making it possible for the organizers to focus almost exclusively on the scientific aspects of their conference.

In particular:

- Core funding for the conferences is provided by a grant from the National Science Foundation (pending for the 2006 series).
- The professional conference coordinators in the AMS office will provide full logistical support and assistance before, during, and after the conference, thereby freeing the organizers to concentrate on providing a high-quality scientific program.

- Organizers are strongly encouraged to publish conference proceedings with one of the sponsoring societies. The sponsoring societies are committed to the rapid and widest possible dissemination of these proceedings as a means of sharing the conference research with those unable to attend.
- The selected proposals will represent diverse areas of mathematical activity, with emphasis on areas currently especially active. Conferences typically run for one week with forty-five to sixty-five participants. However, there is some flexibility in structure; for example, conferences of longer duration may be permitted.
- Proposals for conferences designed specifically for very recent Ph.D.s in a focused area are especially welcome.

Proposal Preparation: Proposals will be evaluated by the AMS-IMS-SIAM Committee on Joint Summer Research Conferences in the Mathematical Sciences. Members of this committee (see www.ams.org/meetings/srcscomm.html for the member list and contact information) are willing to provide guidance on the preparation of proposals.

Complete information on submitting a proposal, including examples of recent successful proposals for reference, is available at www.ams.org/meetings/topics.html. Samples may also be requested by contacting the Meetings and Conferences Department as indicated below.

Deadlines: There are three deadlines of which potential organizers should be aware.

Pre-proposal Submission: Members of the Selection Committee are willing to provide feedback on pre-proposals which address items (2) and (3) above and which include a tentative list of principal speakers who will be contacted IF a complete proposal is submitted. Pre-proposals should be submitted by **October 15, 2004**, to insure sufficient time for feedback from a member of the Selection Committee. Submission of pre-proposals is optional.

Intent to Submit a Proposal: A statement of intent to submit a proposal should be received by **December 17, 2004**. Submission of intent to submit a proposal is optional.

Formal Proposal: For conferences to be held in the summer of 2006, the deadline for the complete formal proposal submission deadline is **January 14, 2005**. Conference proposers will be notified of the committee's decisions in late February.

Submit pre-proposals and proposals to: Joint Summer Research Conferences, AMS Meetings and Conferences Department, P.O. Box 6887, Providence, RI 02940; fax: 401-455-4004; e-mail: meet@ams.org. Electronic submissions are preferred.

For questions concerning the proposal evaluation process, contact Dr Jim Maxwell, AMS Associate Executive Director, via email jwm@ams.org or phone 401-455-4101.

IMS Co-sponsored Meeting:

The Future of Statistical Theory, Practice, and Education
Hyderabad, Andhra Pradesh, India
December 29 2004 - January 1 2005

IMS Reps: Partha Lahiri, C.R. Rao, N Balakrishnan
<http://www.stat.ohio-state.edu/~hnn/hydstatconf.html>

IMS Co-sponsored Meeting:

Twelfth Annual Spring Research Conference (SRC) on Statistics in Industry and Technology
June 1-3, 2005
Park City, Utah

<http://src2005.byu.edu/>

Contact Shane Reese, Brigham Young Univ: reese@stat.byu.edu

NEW

IMS Co-Sponsored Meeting,

**2005 Conference
on Stochastic
Processes and their
Applications
June 26 - July 1,
2005
Santa Barbara,
California**

IMS Rep: Raya
Feldman.

Meeting organized
under the auspices
of the Bernoulli
Society, co-spon-
sored by IMS.
More information at
[http://www.pstat.
ucsb.edu/projects/
spa05/](http://www.pstat.ucsb.edu/projects/spa05/)



Santa Barbara Courthouse

IMS Co-sponsored Meeting:

**"Adap'ski": Satellite Meeting of MCMSKI
January 9-11, 2005
Bormio, Italy**

NEW

**CHECK THE WEBSITE FOR
THE LATEST INFORMATION:
REGISTRATION HAS EXCEEDED
EXPECTATIONS!**

Workshop on Adaptive Monte Carlo

Organised by Christophe Andrieu (University of Bristol), Heikki Haario (University of Lappeenranta, Finland) and Christian Robert (Université Paris Dauphine, and CREST, France)

IMS Rep: Christian Robert

<http://alien.eco.uninsubria.it/IMS-ISBA-05/>

The focus of this research workshop is on presenting the theoretical tools for the development of adaptive Monte Carlo algorithms and on discussing the barriers to the dissemination of such algorithms in more realistic settings. While taking advantage of the gathering of statisticians, probabilists and other scientists at the following MCMSki meeting, it is resolutely oriented towards specialists, that is, researchers that are already familiar with the problem of adaptive Monte Carlo algorithms, rather than towards the general audience of the following MCMSki meeting.

The workshop is organised around these main themes, over 4 half-days:

- (1) Ergodicity of non-homogeneous Markov chains
- (2) Tools and advances in stochastic optimisation
- (3) Non Markovian alternatives
- (4) Implementation specificities of adaptive algorithms

There will be breaks on both afternoon for informal discussions and relaxation. Obviously, the discussions and research started during the meeting will be continued during the main MCMSki meeting on the following days.

Registration is necessary for both this meeting and MCMSki.

Organizing a meeting?
Tell us about it!
Send your announcement
to ims@imstat.org

Looking further ahead...

Here's a list of IMS Annual Meetings and Joint Statistical Meetings (and other information, where it is known at this stage) for the next five years. Happy planning!

2005

IMS Annual Meeting @ JSMo5

August 7-11, 2005: Minneapolis Convention Center, Minneapolis, Minnesota.

IMS Program Chair: David Madigan, Rutgers University, madigan@stat.rutgers.edu; IMS Local Chair: Peihua Qiu, University of Minnesota, qiu@stat.umn.edu

2006

IMS Annual Meeting: Rio de Janeiro, Brazil. Date TBC

JSMo6

August 6-10, 2006

Seattle Convention Center, Seattle, Washington

IMS Program Chair: tba; IMS Local Chair: tba

2007

IMS Annual Meeting @ JSMo7

July 29 - August 2, 2007

Salt Palace Convention Center, Salt Lake City, Utah

2008

IMS Annual Meeting: venue TBC

JSMo8

August 3-7, 2008

Denver, Colorado

To be held at the Denver Convention Center

2009

IMS Annual Meeting @ JSMo9

August 2-6, 2009

Washington, DC

To be held at the Washington Convention Center

IMS Co-sponsored Meeting:

"MCMSki"



The Past, Present, & Future of Gibbs Sampling

January 12-14, 2005

Second International IMS/ISBA Joint Meeting Bormio, Italy (Italian Alps)

Young Investigator travel support is available.
See conference website for more information.
Young Investigator support deadline: September 10, 2004.
Registration deadline: October 31, 2004.

<http://www.eco.uninsubria.it/IMS-ISBA-05/>

Plenary Speakers:

Persi Diaconis, Stanford University
Alan Gelfand, Duke University
Sylvia Richardson, Imperial College London

Invited Sessions:

Molecular Biology
Spatial & Spatiotemporal Methods
Bioinformatics/Genetics
MCMC Algorithms/Software
Statistical Data Mining
MCMC in Nonparametrics

Organizer:

Giovanni Parmigiani
Montserrat Fuentes
Steve Brooks
Brad Carlin & Antonietta Mira
Paolo Giudici
Sonia Petrone

Tentative Daily Schedule:

8:45-9:45	Plenary Session
10:05-12:05	Invited Session I
12:05-1:00	Lunch
1:00-4:30	Ski/Spa time
4:45-6:45	Invited Session II
7:30-9:30	Dinner
9:00-11:00	Poster Session
11:00-?	Informal Interactions

Program Committee:

Brad Carlin, University of Minnesota, Co-Chair
Antonietta Mira, University of Insubria, Co-Chair
Steve Brooks, Cambridge University
Montserrat Fuentes, North Carolina State University
Paolo Giudici, University of Pavia
Giovanni Parmigiani, Johns Hopkins University

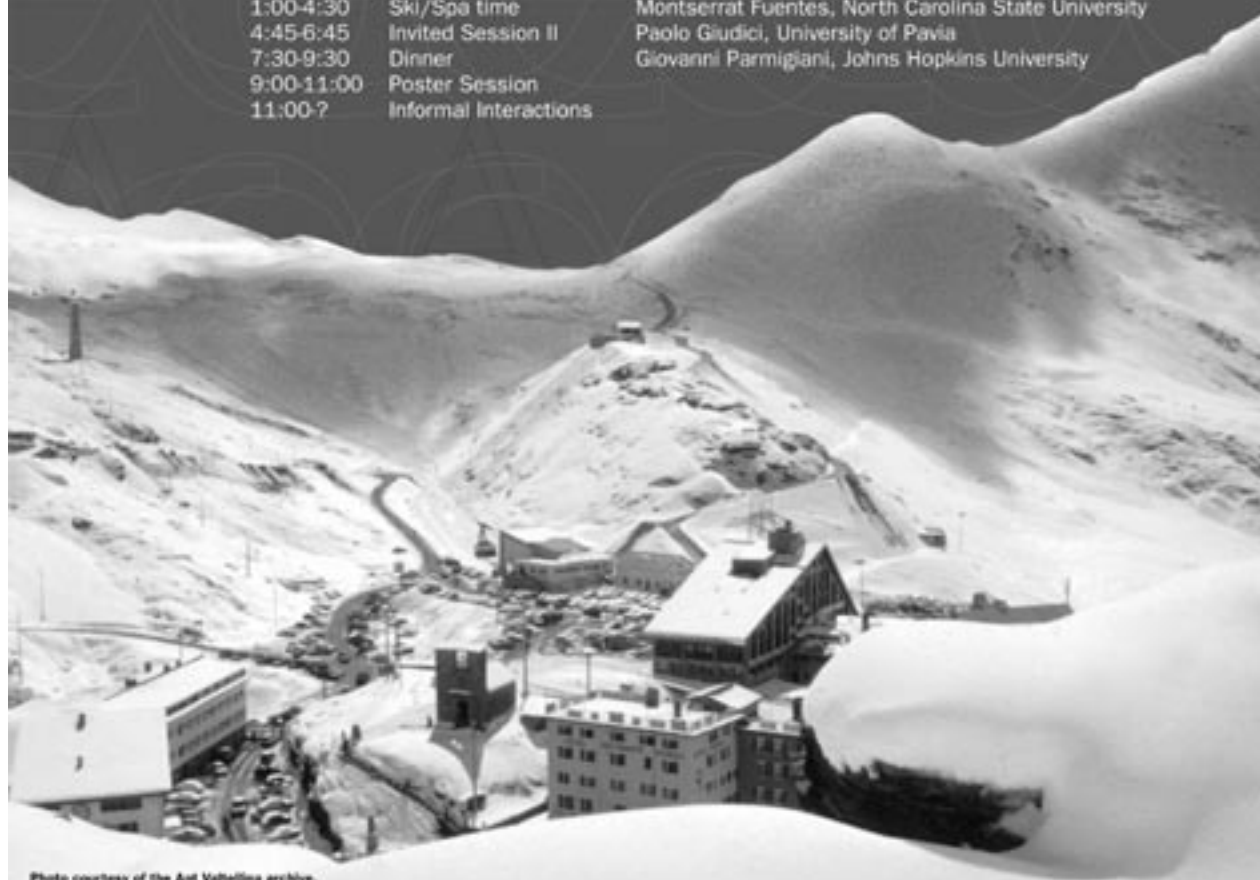


Photo courtesy of the Apt Valtellina archive.

Other Meetings Around the World: Announcements and Calls for Papers

26th Midwest Probability Colloquium October 15-16, 2004, Northwestern University

www.math.northwestern.edu/mwp/

The program will feature the following speakers and titles:

Persi Diaconis, "Secrets of Stein's Method Explained" (two talks); Francesco Russo, "Stochastic Calculus and Generalized Dirichlet Processes" (one talk); Z.Q. Chen, "Boundary Trace of a Markov Process" (one talk). Abstracts and other information on our website. We also anticipate a Thursday Program, dealing with aspects of random matrix theory, including Ken McLaughlin and Peter D. Miller.

Northeast Probability Seminar November 4-5, 2004, CUNY Graduate Center, New York City

[http://www.math.csi.cuny.edu/probability/
NortheastProbabilitySeminar](http://www.math.csi.cuny.edu/probability/NortheastProbabilitySeminar)

BISP4: Fourth Workshop on Bayesian Inference In Stochastic Processes

2-4 June, 2005

Villa Monastero, Varenna, Italy

In this workshop, we will bring together experts in the field to review, discuss and explore directions of development of Bayesian Inference in Stochastic Processes and in the use of Stochastic Processes for Bayesian Inference. There will be sessions on Markov processes, state-space models, spatial, empirical, birth-death and branching processes. Theoretical and applied contributions (for example queueing, population modelling, signal processing) are both welcome. The workshop will be of interest to those working in both Bayesian Inference and Stochastic Processes, and it will be held in an informal environment (a '700 villa on the lake of Como) to encourage discussion and promote further research in these fields.

Web site: <http://www.mi.imati.cnr.it/conferences/bisp4.html>

Seventh Annual Winter Workshop: Longitudinal Data Analysis January 6-8, 2005: University of Florida

The Department of Statistics at the University of Florida will host this meeting in Gainesville, Florida. The workshop will focus on recent developments in statistical methods for analyzing longitudinal data and on applications of such techniques in many areas. A major purpose of the workshop is to foster interaction between senior and young researchers, to assess the current state of art in longitudinal data analysis and to promote discussion in related topics.

All sessions are plenary, and invited speakers include Raymond Carroll (Texas A&M), Marie Davidian (North Carolina State), Stephen E. Fienberg (Carnegie Mellon), Garrett Fitzmaurice (Harvard), Patrick J. Heagerty (Washington), Michael G. Kenward (London School of Hygiene & Tropical Medicine), Bruce G. Lindsay (Pennsylvania State), Roderick J. Little (Michigan), Geert Molenberghs (Limburgs Universitair Centrum), Louise Ryan (Harvard), Oliver Schabenberger (SAS Institute), and Edward Vonesh (Baxter Healthcare). The symposium will include a contributed poster session.

Funding to support approximately 20 young researchers to attend is pending. Please visit <http://www.stat.ufl.edu/symposium/2005/longitudinal/index.html> for the latest information on this, registration information, and full conference details.

Ordered Statistical Data: Approximations, Bounds and Characterizations

Wednesday June 15 - Saturday June 18, 2005

Izmir, Turkey

This meeting, organized by the Department of Mathematics at Izmir University of Economics (Izmir, Turkey), will concentrate on mathematical aspects of order statistics, records and their generalizations. It is a continuation of earlier conferences organized in Warsaw, Poland, during 2002-2004. Those interested in participating in this meeting can contact Professor Ismihan Bayramoglu at ismihan.bayramoglu@ieu.edu.tr, ibayramov@yahoo.com in order to get all pertinent details. The deadline for submitting title and abstract is **March 1, 2005**.

For more information, please refer to:

Main Organizer: Prof. Ismihan Bayramoglu

Phone: +90-0232-2792525 Fax: +90-0232-2792626

Email: ismihan.bayramoglu@ieu.edu.tr

If you are organizing a meeting, send in your announcement for the next issue (November/December 2004) by November 1, 2004 to Elyse Gustafson, IMS Executive Director, at erg@imstat.org. Adverts will also appear on the IMS website www.imstat.org. See panel inside back cover for more information.

14th International Workshop on Matrices and Statistics**March 29 - April 1, 2005****Massey University, Albany Campus, Auckland, New Zealand**

The purpose of the Workshop is to stimulate research and, in an informal setting, to foster the interaction of researchers in the interface between statistics and matrix theory. The Workshop will provide a forum through which statisticians may be better informed of the latest developments and newest techniques in linear algebra and matrix theory and may exchange ideas with researchers from a wide variety of countries.

The Workshop will include invited and contributed talks. It is intended that refereed Conference Proceedings will be published.

Further details will become available on the conference website <http://iwms2005.massey.ac.nz/>

IWMS-2005 is a Satellite Conference to the 55th Biennial Session of the International Statistical Institute to be held in Sydney April 5 - 12, 2005 (see right).

The Local Organising Committee is Chaired by Jeff Hunter <j.hunter@massey.ac.nz> The International Organizing Committee consists of George Styan (Chair) <styan@math.mcgill.ca>, Hans Joachim Werner (Vice-Chair) <werner@united.econ.uni-bonn.de> and Simo Puntanen <Simo.Puntanen@uta.fi>.

Stochastic Modelling of Complex Systems (SMOCS-05)**10-16 July 2005****Daydream Island resort, Whitsundays, Queensland, Australia**<http://www.conferences.unimelb.edu.au/smocs05/index.html>

The conference is organized and partly sponsored by the ARC Centre of Excellence for Mathematics and Statistics of Complex Systems (www.complex.org.au) and the Australian Mathematical Sciences Institute (www.amsi.org.au). The Australian Fourth National Symposium on Financial Mathematics will be an organic part of the Conference. Other topics include, but are not limited to: mathematical and statistical foundations of complex systems; Markov processes and related models; Monte Carlo methods; stochastic networks; discrete random processes and randomised algorithms; applications to telecommunications; applications to transport industry; applications to supply chain management; modelling in biology and medicine. One of the conference sessions will be dedicated to the 80th birthday of Professor Joe Gani.

The program will consist of fifty-minute invited and twenty-five-minute contributed talks. Confirmed invited speakers include: N. El Karoui, R. Elliot, C.R. Hwang, P. Imkeller, S. Ogawa, L. Rueschendorf, A.N. Shiryaev, F. Spieksma, S. Tavaré and V. Vatutin.

**ISI 2005 in Sydney****April 5–12, 2005**

Don't miss the 2005 Session of the International Statistical Institute (ISI) in Sydney, Australia. This Session is open to all those interested in statistical matters, particularly members of the ISI and its Sections.

Professional statisticians, plus those

who want to stay in touch with the latest developments in the field, will find it of great relevance and should register their interest now.

Preparations for the Scientific Program are well underway. The scientific program wide ranging and includes some world-class speakers. A full list of Invited Paper Meetings can be found on the Session website www.tourhosts.com.au/isiz2005. There will also be some special theme days on topics of great importance to the statistical community. The three topics will cover **finance and statistics**, **environmental statistics** and **genomics**.

If you are interested in preparing a Contributed paper for the Session see the Session website for a list of topics and submission instructions.

The scientific program will also be supplemented with tutorials and short courses. Satellite meetings, before and after ISI 2005, will be held at interesting locations such as Cairns, Auckland and Wellington in New Zealand, and Noumea in New Caledonia.

The Social Program will be a highlight of the Session and has been designed to provide participants with an opportunity to relax and network.

The ISI 2005 registration brochure has been released with new details of the scientific program, registration, social events and tours: see the website.

For more details on the 2005 ISI Session see the website or email the conference managers on isiz2005@tourhosts.com.au



Come and see Sydney: an exciting, cosmopolitan city located on one of the largest and most beautiful harbours in the world.

More Meetings Around the World: Announcements and Calls for Papers

Bayes, Multivariate, and CASM: A Statistics Conference in honor of Jim Press May 14, 2005, University of California, Riverside

<http://statistics.ucr.edu/Bayes.htm>

The Department of Statistics at the University of California, Riverside (UCR) will host a one-day conference in honor of Professor S. James Press to commemorate his forthcoming retirement on July 1, 2005.

The conference is scheduled for Saturday, May 14, 2005. The topics for the conference reflect the wide-ranging interests of Professor Press, particularly in Bayesian Analysis, Multivariate Analysis, and Cognitive Aspects of Survey Methodology (CASM).

The three keynote speakers for the conference are Arnold Zellner (University of Chicago), Ingram Olkin (Stanford University) and Judith Tanur (State University of New York at Stony Brook). Other invited speakers include Norman M. Bradburn (University of Chicago), John Rolph (University of Southern California), Kazuo Shigemasu (University of Tokyo) and Ruben Klein (National Laboratory of Scientific Computing, Rio de Janeiro, Brazil).

The conference scientific program consists of twelve speakers giving substantive presentations in the three invited-paper sessions. The speakers are Professor Press' mentor, collaborators, colleagues, friends, and past and present Ph.D. students.

More information from the chair of the organizing committee, Subir Ghosh subir.ghosh@ucr.edu

International Conference on Statistics in Honour of Professor Kai-Tai Fang's 65th Birthday June 20 - 24, 2005 Hong Kong

<http://www.math.hkbu.edu.hk/Fang65>

email: fang65@math.hkbu.edu.hk

Fourth International Conference on High Dimensional Probability (HDP)

June 20–24, 2005

St. John's College campus, Santa Fe, NM

<http://www.math.udel.edu/~wli/conf/hdp05/>

The conferences on High Dimensional Probability continue a long tradition of conferences that began in the mid seventies under the title of "Probability in Banach Spaces".

Remarkable advances have led to the creation or introduction of powerful tools, such as randomization, decoupling, moment and exponential inequalities, chaining, isoperimetry, concentration of measures and deviation probabilities which apply to areas well beyond those for which they were created. Gaussian processes techniques and methods from probability in Banach spaces have made a substantial impact on broad areas such as statistics, learning theory, theoretical computer sciences, convex geometry and statistical physics.

The conference will bring together researchers in these areas to discuss recent results and directions for future research.

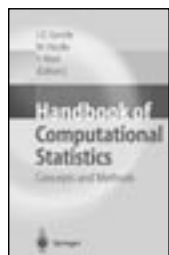
Organizing Committee: Evarist Giné, Vladimir Koltchinskii, Wenbo Li and Joel Zinn.

*These meetings are also
listed on the 'Meetings' page
of the IMS website, at
<http://www.imstat.org/meetings>*

Been to a good meeting lately?

If you have enjoyed a meeting, why not consider writing about it for the IMS Bulletin? Take some photos while you're there, talk to the organizers and speakers, and give us your impressions. Send it to bulletin@imstat.org.

NEW AND NOTEWORTHY FROM SPRINGER



HANDBOOK OF COMPUTATIONAL STATISTICS

Concepts and Methods

JAMES E. GENTLE, George Mason University, Fairfax, VA; **WOLFGANG HÄRDLE**, Humboldt Universität zu Berlin, Germany; and **YUICHI MORI**, Okayama University of Science, Japan (eds.)

The *Handbook of Computational Statistics: Concepts and Methodology* is divided into four parts. It begins with an overview over the field of Computational Statistics. The second part presents several topics in the supporting field of statistical computing. Emphasis is placed on the need of fast and accurate numerical algorithms and it discusses some of the basic methodologies for transformation, data base handling and graphics treatment. The third part focuses on statistical methodology. Special attention is given to smoothing, iterative procedures, simulation and visualization of multivariate data. The inclusion of a set of selected applications like: bioinformatics, medical imaging, finance, and network intrusion detection highlight the usefulness of computational statistics.

2004/1,070 PP./HARDCOVER/\$299.00
ISBN 3-540-40464-3

EIGENVALUES, INEQUALITIES AND ERGODIC THEORY

MU-FA CHEN, Beijing Normal University, China

Eigenvalues, Inequalities and Ergodic Theory serves as an introduction to this developing field, and provides an overview of the methods used in an accessible and concise manner. Each chapter starts with a summary and, in order to appeal to non-specialists, ideas are introduced through simple examples rather than technical proofs. In the latter chapters readers are introduced to problems and application areas, including stochastic models of economy.

2004/APPROX. 228 PP., 15 ILLUS./HARDCOVER/\$89.95
ISBN 1-85233-868-7

FEYNMAN-KAC FORMULAE

Genealogical and Interacting Particle Systems with Applications

PIERRE DEL MORAL, Université Paul Sabatier, Toulouse, France

This book contains a systematic and self-contained treatment of Feynman-Kac path measures, their genealogical and interacting particle interpretations, and their applications to a variety of problems arising in statistical physics, biology, and advanced engineering sciences. Topics include spectral analysis of Feynman-Kac-Schrödinger operators, Dirichlet problems with boundary conditions, finance, molecular analysis, rare events and directed polymers simulation, genetic algorithms, Metropolis-Hastings type models, as well as filtering problems and hidden Markov chains. With practical and easy-to-use references as well as deeper and modern mathematics studies, the book will be of use to engineers and researchers in pure and applied mathematics, statistics, physics, biology, and operation research who have a background in probability and Markov chain theory.

2004/555 PP., 15 ILLUS./HARDCOVER/\$79.95
ISBN 0-387-20268-4

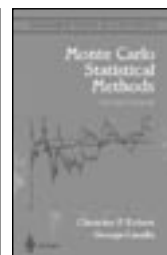
MATHEMATICAL STATISTICS

SECOND EDITION

JUN SHAO, University of Wisconsin, Madison, WI

This textbook covers those topics in statistical theory essential for graduates preparing for a Ph.D. degree in statistics. The first chapter provides a quick overview of concepts and results in measure-theoretic probability theory, while the second introduces some fundamental concepts in statistical decision theory and inference. The remaining chapters contain detailed studies on such important topics as: unbiased estimation, parametric estimation, nonparametric estimation, hypothesis testing, and confidence sets. A large number of exercises in each chapter provide not only practice problems for students, but also many additional results. In addition to the classical results typically covered in a textbook of this level, this book introduces some recent topics in modern statistical theory.

2003/591 PP./HARDCOVER/\$89.95
ISBN 0-387-95382-5



MONTE CARLO STATISTICAL METHODS

SECOND EDITION

CHRISTIAN P. ROBERT, CEREMADE, Paris, France and **GEORGE CASELLA**, University of Florida, Gainesville, FL

Monte Carlo statistical methods, particularly those based on Markov chains, are now an essential component of the standard set of techniques used by statisticians. This new edition has been revised towards a coherent and flowing coverage of these simulation techniques.

2004/650 PP./HARDCOVER/\$89.95
ISBN 0-387-21239-6

NONPARAMETRIC AND SEMIPARAMETRIC MODELS

WOLFGANG HÄRDLE, Humboldt Universität zu Berlin, Germany; **MARLENE MÜLLER**, Fraunhofer ITWM, Kaiserslautern, Germany; **STEFAN SPERLICH**, University Carlos III, Madrid, Spain; and **AXEL WERWATZ**, DIW, Berlin, Germany

The aim of this monograph is to present the statistical and mathematical principles of smoothing with a focus on applicable techniques. The necessary mathematical treatment is easily understandable and a wide variety of interactive smoothing examples are given.

2004/300 PP./HARDCOVER/\$89.95
ISBN 3-540-20722-8

THE DESIGN AND ANALYSIS OF COMPUTER EXPERIMENTS

THOMAS J. SANTNER, Ohio State University, Columbus, OH; **BRIAN J. WILLIAMS**, Los Alamos National Laboratory, NM; and **WILLIAM I. NOTZ**, Ohio State University, Columbus, OH

This book describes methods for designing and analyzing experiments conducted using computer code in lieu of a physical experiment. It discusses how to select the values of the factors at which to run the code (the design of the computer experiment) in light of the research objectives of the experimenter.

2003/283 PP., 41 ILLUS./HARDCOVER/\$69.95
ISBN 0-387-95420-1

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 Massachusetts: Williams College
 Michigan: Michigan State University
 Minnesota: University of Minnesota
 Missouri: University of Missouri
 New York: Cornell University (2)
 New York: Syracuse University
 Pennsylvania: Carnegie Mellon University
 Pennsylvania: Penn State University
 Pennsylvania: University of Pittsburgh
 Rhode Island: Brown University
 South Carolina: Clemson University
 South Carolina: University of South Carolina
 Texas: Texas A&M University
 Utah: University of Utah
 Wisconsin: University of Wisconsin

Canada: Ontario

Mathematics & Statistics Department – Queen's University

The Department seeks applications for a position in Statistics to commence July 1, 2005; the deadline for applications is December 1, 2004.

The Department of Mathematics and Statistics invites applications for a tenure-track appointment in Statistics at the Assistant Professor level to begin July 2005.

Successful applicants must have a strong research record and demonstrate the potential for research leadership.

Candidates must have the ability to teach a range of probability and statistics courses and supervise graduate students. Salary will be commensurate with qualifications and experience. Exceptionally qualified candidates may be appointed at the rank of Associate Professor.

Candidates should have a Ph.D. in statistics, in pure or applied mathematics or a related area. The research interests of the present faculty are non-parametric estimation and image analysis, spectral analysis of stationary and non-stationary processes, and non-parametric Bayesian statistics and classification.

Interested candidates should arrange for a curriculum vitae, a description of research interests, up to five publications or preprints, a statement on teaching or a teaching dossier, and at least four letters of reference, one of which should comment on the candidate's teaching, to be sent to the address below by December 1, 2004. Applications will be considered until the position is filled but priority will be given to those received before December 1, 2004. Further instructions are available at <http://www.mast.queensu.ca/jobs/>

James A. Mingo, Associate Head
 Department of Mathematics and Statistics
 Queen's University, Kingston
 Ontario K7L 3N6
 fax: (613) 533-2964
 e-mail: position@mast.queensu.ca
<http://www.mast.queensu.ca>

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. The University invites applications from all qualified individuals. Queen's is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, aboriginal people, persons with disabilities and persons of any sexual orientation or gender identity. Academic staff at Queen's University are governed by a collective agreement, the details of which are posted at <http://www.queensu.ca/qufa>

Canada: Montréal**POSITION IN STATISTICS****Département de mathématiques et de statistique****Faculté des arts et des sciences****Université de Montréal**

The Département de mathématiques et de statistique of the Faculté des arts et des sciences of the Université de Montréal invites applications for a tenure-track position in statistics at the rank of assistant or associate. For information about the Département and the Université, the candidates are invited to visit the webpage of the Département (www.dms.umontreal.ca) as well as that of the Centre de recherches de mathématiques (www.crm.umontreal.ca) with which it has close collaborations.

Duties

Undergraduate and graduate teaching, supervision of graduate students, and research.

Requirements

To hold a Ph.D. in statistics, biostatistics or in a closely related field. The research record must be outstanding. The candidate must possess excellent teaching skills. An interest for statistical consulting is an advantage. A good working knowledge of French is required. Candidates who do not speak French must acquire an adequate knowledge of it within a reasonable period after the appointment.

Salary

The Université de Montréal offers competitive salaries and a complete package of social benefits.

Starting Date

June 1, 2005, or thereafter (subject to final budgetary approval).

The interested candidates must submit a curriculum vitae including at least three letters of reference, and copies of at most three of their most important research publications to the following address at their earliest convenience. (See www.fas.umontreal.ca for more details.) The candidates (especially younger ones, that is those within one year of their Ph.D.) are invited to submit also a short description (approx. 2 pages) of the research projects, and teaching experience and philosophy. Electronic applications are discouraged.

Chair

Département de mathématiques et de statistique

Université de Montréal

C.P. 6128, succursale Centre-ville

Montréal QC H3C 3J7

Phone: (514) 343-6743

FAX: (514) 343-5700

email: chair@dms.umontreal.ca

The selection process of Université de Montréal gives access to submitted files to all regular professors of the Department unless the candidate explicitly states that access to the file should be limited to the selection committee in her or his covering letter. In all cases this restriction on accessibility will be lifted if the candidate is invited for an interview.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The Université de Montréal subscribes to an affirmative action program for women and to employment equity.

Canada: Toronto**UNIVERSITY OF TORONTO****DEPARTMENT OF STATISTICS**

The Department of Statistics invites applications for a tenure-stream position in Actuarial Science, rank open. The position is to begin July 1, 2005. Duties will include teaching courses in the actuarial science program at both the undergraduate and graduate level, conducting research in actuarial science, and service to the professional actuarial associations. A Ph.D. in actuarial science, statistics, mathematics or a related area, and an active research program are required. Professional accreditation in the CIA, SOA or CAS is preferred, or expected to be obtained. Salary and rank are commensurate with experience.

Letters of application with curriculum vitae, graduate transcripts and reprints should be sent to Professor Keith Knight, Chair, Department of Statistics, University of Toronto, 100 St. George Street, Room 6018, Toronto, Ontario, Canada M5S 3G3. We will begin reviewing applications on December 15, 2004 and will continue to accept applications until the position is filled. Applicants should ask three references to send a letter of recommendation under separate cover to the same address by the stated deadline.

For information on the Actuarial Science program and the Department of Statistics at the University of Toronto, visit the department's web site at <http://www.utstat.toronto.edu>.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Toronto is strongly committed to diversity within its community. The University especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

Canada: Toronto**University of Toronto****Department of Statistics**

The Department of Statistics, University of Toronto invites applications for a tenure-stream appointment at the Assistant Professor level starting July 1, 2005. Duties will include research, undergraduate and graduate teaching and involvement in graduate supervision. Demonstrated or potential excellence in research and teaching, and a doctoral degree are required. Applicants from all areas of statistics will be considered, including applicants with an interdisciplinary background in a related area such as, for example, image processing, machine learning, data mining, genetics, and environmental science.

Letters of application with curriculum vitae, graduate transcripts and reprints should be sent to Professor Keith Knight, Chair, Department of Statistics, University of Toronto, 100 St. George Street, Room 6018, Toronto, Ontario, Canada M5S 3G3 by December 15, 2004. Applicants should ask three references to send a letter of recommendation under separate cover to the same address by the stated deadline.

Information on the Department of Statistics at the University of Toronto is available on the department's home page at www.utstat.toronto.edu.

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

The University of Toronto is strongly committed to diversity within its community. The University especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

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

Statistics and Actuarial Science at the University of Waterloo invites applications for a tenure-track or definite term position in Statistics. Departmental interests cover a broad range of topics in statistical inference, methods and theory, statistical computing, stochastic modelling, biostatistics, and many other areas of application.

Applicants must have a PhD by the time of appointment, with a proven ability in or potential for research in one or more areas that complement those represented in the Department. Good teaching and communication skills are also essential. Duties include undergraduate and graduate teaching, and the development of an independent research program. An appointment at the Assistant or Associate Professor level is anticipated. The effective date is expected to be July 1, 2005 or later. The closing date for applications is December 31, 2004.

Please submit a curriculum vitae, and arrange for at least three letters of reference to be sent directly to Professor Jerry Lawless, Chair, Statistics and Actuarial Science, University of Waterloo, Waterloo, ON N2L 3G1, CANADA

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities.

Canada: Toronto**Canada Research Chair****University of Toronto, Dept of Statistics**

The Department of Statistics at the University of Toronto invites applications for an appointment at the rank of Associate or Full Professor. The Department intends to nominate the successful candidate to a Tier 1 Canada Research Chair. The department shares (with the Department of Computer Science) a research cluster in data mining, machine learning, and statistics, which is anchored by four Canada Research Chairs. These federally endowed chairs are open to all nationalities (<http://www.chairs.gc.ca>).

Candidates are expected to be outstanding scholars, whose research and teaching will make major contributions to the quality and stature of the Department.

Appointments will be made at the rank of either Associate or Full Professor, to begin July 1, 2005 or thereafter. Salary will be commensurate with experience.

Letters of application, curriculum vitae, and statements on research and teaching, should be submitted to Professor Keith Knight, Chair, Department of Statistics, University of Toronto, Toronto, ON, Canada M5S 3G3. Names of four scholars who can serve as external referees should be provided. We will begin reviewing applications after October 15, 2004 and continue until the position is filled.

The University of Toronto offers the opportunity to teach, conduct research and live in one of the most diverse cities in the world, and is strongly committed to diversity within its community. The University especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

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

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

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

Applicants must have a PhD in Statistics, Computer Science, or a related discipline, with a proven ability in or potential for research in computational statistics. Good teaching and communication skills are also essential. Interested individuals should send a curriculum vitae, a statement of their research interests, and two recent research articles to Dr. Alan George, Dean, Faculty of Mathematics, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1 (jageorge@uwaterloo.ca) by December 31, 2004. In addition, at least three references should send their letters directly to Dr. George before this same closing date.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities.

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

Statistics and Actuarial Science at the University of Waterloo invites applications for a tenured or tenure-track position in quantitative epidemiology. Beginning in 2006, the Faculty of Applied Health Sciences at the University of Waterloo is initiating a significant expansion in the area of public health science, both at the undergraduate and graduate levels. The anticipated growth in student numbers will result in a combined enrollment of 125 students by the end of this decade.

In anticipation of this growth, and in support of its own very strong graduate program in biostatistics, Statistics and Actuarial Science wishes to appoint a faculty member with research interests in biostatistics and quantitative epidemiology to a joint position with Health Studies and Gerontology in the Faculty of Applied Health Sciences. The successful applicant will be affiliated with the planned Master's program in Public Health. Although an appointment at the Associate Professor level is anticipated, applicants at the Full Professor level with exceptional records will also be given serious consideration. Duties include undergraduate and graduate teaching in both departments, and the development/continuation of an independent research program. Applicants must have a proven ability for research in one or more areas that complement those represented among the biostatisticians in Statistics and Actuarial Science, perhaps the foremost methodology research unit for biostatistics in Canada. Excellent teaching and communication skills are also essential. The effective date is expected to be July 1, 2005 or later. The closing date for applications is December 31, 2004.

Please submit a curriculum vitae, and arrange for at least three letters of reference to be sent directly to Professor Jerry Lawless, Chair, Statistics and Actuarial Science, University of Waterloo, Waterloo, ON N2L 3G1, CANADA

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities.

**NEW DEADLINES...
SEE INSIDE BACK
COVER FOR DETAILS**

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

Statistics and Actuarial Science at the University of Waterloo invites applications for one or more tenure-track or definite term positions in Actuarial Science at the Assistant or Associate Professor level. Candidates must have a PhD in an area of the mathematical or statistical sciences, and research interests in actuarial science. Professional actuarial qualifications and experience, although not strictly necessary, would be a distinct asset. Departmental strengths in Actuarial Science and Finance cover a wide range of topics including probabilistic and statistical modelling in risk theory, insurance, pensions, solvency management and stochastic models in finance. Additional opportunities for collaboration at UW can occur through the Centre for Advanced Studies in Finance (www.arts.uwaterloo.ca/ACCT/finance/casf.htm), the Institute of Insurance and Pension Research (www.stats.uwaterloo.ca/Stats_Dept/IIPR/contents.html), and the newly-formed Institute for Quantitative Finance and Insurance (www.iqfi.uwaterloo.ca).

Applicants must have proven ability in or potential for research, in addition to good teaching and communication skills. Duties include undergraduate and graduate teaching, and the development of an independent research program. The salary offered will be commensurate with qualifications and experience. The effective date is expected to be July 1, 2005 or later. The closing date for applications is December 31, 2004.

Please submit a curriculum vitae, and arrange for at least three letters of reference to be sent to: Professor Jerry Lawless, Chair, Statistics and Actuarial Science, University of Waterloo, Waterloo, ON N2L 3G1, CANADA

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities.

USA: Alabama**Assistant Professor: Statistics****Department of Mathematics and Statistics****Auburn University**

The Department of Mathematics and Statistics at Auburn University, Alabama invites applications for two nine-month tenure track Assistant Professor Positions in Statistics to begin Fall Semester 2005.

Duties include establishing an independent research program in Statistics and teaching at the undergraduate and graduate level. A Ph.D. in Statistics or related area is required and applicants should have a strong evidence of teaching and research potential in Statistics. The candidate selected for this position, which begins August 16, 2005, must meet eligibility requirements to work in the United States on date appointment is scheduled to begin and must be able to communicate in English.

Minorities and women are encouraged to apply.

Applicants should send a vita, a letter of application and arrange for three letters of recommendations to be sent to Dr. Mark Carpenter, Chair Statistics Search Committee, Department of Mathematics and Statistics, 232 Parker Hall, Auburn University, AL 36849-5310, US. Website address: <http://www.stat.auburn.edu>. Fax #: 334-844-6555. Review of applications will begin January 16, 2005 and will continue until the positions are filled.

Auburn University is an Affirmative Action/Equal Opportunity Employer.

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

(I) Applications are invited for a research staff position available June 2005. Rank (Assistant/Associate/Full Research Fellow) will be commensurate with experience. Candidates must have a PhD in statistics or related fields, research expertise in applied science is preferred.

(II) Applications are invited for a technical supporting staff position. Rank (Assistant/Associate/Senior Research Scientist) will be commensurate with experience. Candidate must have an MS or PhD in statistics or related fields, with statistical computing expertise. A technical staff is expected to assist research members in coordinating/supervising statistical computing components of interdisciplinary research projects.

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

Philip E. Cheng,
Search Committee,
Institute of Statistical Science,
Academia Sinica,
Taipei,
Taiwan 115,
R.O.C.

Please clearly indicate the position of interest in the cover letter. (Fax: 886-2-27831523, E-mail: pcheng@stat.sinica.edu.tw) Applications completed by December 31, 2004 will be given full consideration.

More information is available at <http://www.stat.sinica.edu.tw/>.

UK: Oxford

UNIVERSITY OF
OXFORD

Department of Statistics

1) Lecturership in Statistics

in association with St Peter's College

2) Lecturership in Statistical Methods in the Social Sciences

in association with St Hugh's College

3) Lecturership in Bioinformatics

in association with St John's College

The Department of Statistics is experiencing an exciting period of growth and development, and is one of the leading UK departments. The University seeks to make the following three appointments:

Post (1): A statistician with interests close to the modern mainstream of the subject to take up this post from 1st January 2005, or from a mutually agreed later date. The Lecturership will be held in conjunction with a Tutorial Fellowship at St Peter's College.

Post (2): A statistician with interests in applications to the social sciences to take up this post from 1st January 2005, or from a mutually agreed later date. The Lecturership is a joint appointment with the prestigious Department of Politics and International Relations, and will be held in conjunction with a Tutorial Fellowship at St Hugh's College.

Post (3): A lecturer in bioinformatics to take up this post from 1st January 2005, or from a mutually agreed later date. The University interprets bioinformatics widely, to include the whole range of applications of mathematical, statistical or computational techniques to the analysis of data arising in modern molecular genetics. Whilst applications are welcomed from candidates with research interests in any area of methodological development in bioinformatics, there is a strong preference for candidates working on post-genomic problems which complement or build on existing strengths in bioinformatics within the Department of Statistics. These include structural bioinformatics, comparative genomics, statistical alignment, population genomics and genetic variation, human disease studies, and analytical tools for modern experimental techniques such as gene expression arrays, proteomics, metabonomics etc. The Lecturership will be held in conjunction with a Supernumerary Fellowship at St John's College.

The combined University and College salary for each of the three posts is on a scale up to £45,707 p.a. Additional College allowances are available as set out in the further particulars. The three posts are all in areas currently designated as shortage subjects under the HEFCE "Golden Hello" scheme. Appointees may therefore, under certain conditions, be eligible for a 3-year salary supplement. Entitlement to sabbatical leave accrues at the rate of one term's leave for every six terms with normal duties.

The appointees will be expected to take a full part in research, teaching and other activities in the departmental context, and, for the two tutorial fellowships, in the teaching and other activities of their respective colleges.

Further particulars for each of the posts, including details of how to apply, are available from <http://www.stats.ox.ac.uk> or from the Personnel Administrator, Department of Statistics, 1 South Parks Road, Oxford OX1 3TG (Tel. (01865) 272860). The closing dates for applications are, for posts (1) and (2), 29th October 2004, and for post (3), 22nd October 2004.

The University is an Equal Opportunities Employer.

USA: Arizona**THE UNIVERSITY OF ARIZONA****DEPARTMENT OF MATHEMATICS****TUCSON, AZ**

The Department of Mathematics is seeking applications for tenure-track positions at either the Assistant, Associate or Full Professor level, which will begin in Fall 2005. By the time of appointment, candidates are expected to have a Ph.D. and excellent research record or potential, as well as a strong commitment to teaching. Rank and salary depend on the qualifications of the selected candidate(s).

The Department may also have postdoctoral or visiting positions for the 2005-2006 academic year (Ph.D. required).

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

Application review begins October 1, 2004 and continues as long as positions remain unfilled. Applications received before October 1, 2004 will receive the fullest consideration; applications received after January 2, 2005 are unlikely to be considered.

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

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

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

USA: California**California State University, Fullerton**

Two Tenure-track assistant professor positions in statistics beginning August 2005. Requires Ph.D. in Statistics or related field. Candidates must indicate potential for excellence in teaching, research, and communication skills. Interest in applications is a plus. Full consideration will be given to applications received by 12/15/2005. The position remains open until filled. Send cover letter, vita, three letters of reference, and transcripts to: Chair, Statistics Search Committee, Department of Mathematics, California State University, Fullerton, CA 92834. For more details refer to http://math.fullerton.edu/framesets/employment_set.htm or <http://diversity.fullerton.edu>

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

Open level position in Stochastic Analysis (particularly Mathematical Finance) joint between the two departments, starting July 1, 2005. Research, teaching excellence, PhD in Statistics/ Mathematics. Submit resume, research and teaching objectives, AMS Cover Sheet (www.ams.org), and four reference letters (at least one teaching related).

Additional information at <http://www.pstat.ucsb.edu> or <http://www.math.ucsb.edu>

Submit materials via www.mathjobs.org OR sent to: Search Committee, Department of Statistics and Applied Probability, University of California, Santa Barbara, CA 93106-3110 USA. Selection begins November 20, 2004 until filled. Candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service are particularly encouraged to apply. EOE.

USA: California
California State University, Sacramento (CSUS):

A tenure-track position at the Assistant Professor level, with salary appropriate to the applicant's experience. Salary range: \$43,632-\$55,008. Education: Ph.D in Statistics is required. All degree requirements must be completed by August 29, 2005. For full details, please see our website: <http://www.csus.edu/fas/vacancies/nsmvac.htm>.

Jeanne Clery Disclosure: In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, California State University, Sacramento has made crime reporting statistics available on-line at: www.csus.edu/police/SRTKRPT.html

USA: Connecticut
University of Connecticut Faculty Position in Spatial Statistics, Fall 2005

Anticipated position at the Assistant/ Associate Professor level beginning Fall 2005. Ph.D. in Statistics or Biostatistics required. Candidates must have an established research concentration in the area of Spatial Statistics and a demonstrated interest in interdisciplinary research. Send application letter, vita, statement of research agenda, and arrange for four letters of reference to be sent to Nalini Ravishanker, Search Committee Chair, Department of Statistics, University of Connecticut, U-4120, 215 Glenbrook Road, Storrs, CT 06269-4120, phone: (860) 486-3413, email: nalini@stat.uconn.edu. We will consider applications until the position is filled. We encourage applications from under-represented groups, including minorities, women, and persons with disabilities.

USA: California
University of California, Merced School of Natural Sciences Statistics Faculty (NSST002)

The School of Natural Sciences at the University of California, Merced, has an opening for a tenure-track assistant/associate professor in statistics for Fall 2005.

UC Merced is the tenth campus of the University of California and the first new American research university of the 21st century. The campus accepted graduate students for Fall 2004 and will open to undergraduates for Fall 2005. Qualifications are an earned doctorate in statistics or mathematics with a specialty in statistics as well as evidence of effective teaching and a strong record of scholarship. Responsibilities include teaching undergraduate and graduate level statistics courses, conducting both independent and collaborative research, and advising and mentoring students. Ideally, the candidate will demonstrate potential as an outstanding contributor to the field of statistics and have a strong interest in applications to a wide variety of disciplines. Applicants should also have a commitment to excellence and innovation in undergraduate and graduate education for students of diverse backgrounds, particularly disadvantaged or underrepresented students. A curriculum vitae, brief research plan, and names of five references should be submitted. Applications will be accepted until October 15th. For further information, contact the Search Committee Chair, Dr. Henry Jay Forman at hforman@ucmerced.edu. Apply via our website: http://www.ucmerced.edu/employment/list_position.asp?position_id=204.

UC Merced is an affirmative action/ equal opportunity employer with a strong institutional commitment to the achievement of diversity among its faculty, staff, and students.

USA: Connecticut**University of Connecticut****Faculty Position in Biostatistics/Statistics, Fall 2005**

Anticipated position at the Assistant/Associate Professor level beginning Fall 2005. Ph.D. in Biostatistics or Statistics is required with a substantial research program in progress. Preference will be given to candidates who have a demonstrated interest in interdisciplinary research and statistical consulting. Send application letter, vita, statement of research agenda, and arrange for four letters of reference to be sent to Ming-Hui Chen, Search Committee Chair, Department of Statistics, University of Connecticut, 215 Glenbrook Road, Storrs, CT 06269-4120, phone: (860) 486-3413, email: mhchen@stat.uconn.edu. We will consider applications until the position is filled. We encourage applications from underrepresented groups, including minorities, women, and persons with disabilities.

USA: DC**Statistics.****Tenure-track Assistant Professor, American University**

Beginning Fall 2005. American University is an affirmative action/equal opportunity employer, committed to a diverse faculty, staff, and student body. Minority and women candidates are encouraged to apply. For position information and application instructions, see www.mathstat.american.edu/positions, or contact the Department of Mathematics and Statistics at (202) 885-3120

USA: Florida**University of Florida, Division of Biostatistics, College of Public Health and Health Professions, in collaboration with Statistics Department.**

Two tenure-track assistant professor positions. Includes teaching, collaborative and methodological research. PhD in biostatistics, statistics or related field required, with good communication skills. Vita, transcript, cover letter, and three reference letters to Search Chair, Dept. of Statistics, Box 100212, Gainesville, FL 32610-0212. Application deadline: 12/17/2004. EO Institution.

USA: Florida**UNIVERSITY OF FLORIDA, DEPARTMENT OF STATISTICS****FACULTY POSITIONS AVAILABLE**

Department of Statistics, University of Florida. Tenure-track Assistant Professor, College of Liberal Arts and Sciences. Includes teaching, collaborative and methodological research. PhD in statistics or related field required, with good communication skills. Vita, transcript, and three reference letters to Search Committee, Dept. of Statistics, Gainesville, FL 32611-8545. Application deadline: 12/17/2004. EO Institution.

USA: Florida**Department of Statistics, University of Florida.****Associate/Full Professor, College of Liberal Arts and Sciences.**

Includes teaching, collaborative and methodological research. PhD in statistics or related field required, with good communication skills. Candidate should have an established record of methodological research. Vita and three reference letters to Search Committee, Dept. of Statistics, Gainesville, FL 32611-8545. Application deadline: 12/17/2004. EO Institution.

USA: Georgia**SCHOOL OF INDUSTRIAL AND SYSTEMS ENGINEERING: FACULTY POSITIONS AVAILABLE**

New positions are available for Assistant Professor of Statistics in the School of Industrial and Systems Engineering at Georgia Tech. The department has Georgia Tech's largest Ph.D. program in Statistics with an emphasis in statistical methods and theory for engineering, science and technology. The statistics & probability groups in ISyE have 18 faculty members, including 10 statisticians; see our statistics homepage at <http://www.isye.gatech.edu/statistics>. All areas of statistical expertise will be considered, with preference given to applicants interested in applications to engineering and/or information technology.

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

Questions may be directed to Professor Jeff Wu at jeff.wu@isye.gatech.edu.

Georgia Tech is an Equal Education and Employment Institution. A Unit of the University System of Georgia.

USA: Georgia**Georgia Institute of Technology**

Beginning with the 2004/05 academic year, the School of Mathematics at Georgia Tech will embark on an ambitious faculty recruitment program – one which will be sustained over the next five years. 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 for positions at the Assistant and Associate Professor levels 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 Full Professor positions should submit a resume and a letter outlining their vision for service as a senior faculty member at Georgia Tech. Review of applications will begin in September 2004, 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: Florida**Dept of Statistics, University of Florida.**

Two Tenure-track Assistant/Associate Professor positions in the College of Medicine. Includes teaching, collaborative and methodological research. PhD in biostatistics, statistics or related field required, with good communication skills. Vita, transcript, and three reference letters to Search Committee, Dept. of Statistics, Gainesville, FL 32610-0212. Application deadline: 12/17/2004. EO Institution.

USA: Iowa**The University of Iowa, Department of Statistics and Actuarial Science****Announcement of Statistics Faculty Opening**

A Tenure-Track Assistant Professorship is available starting August 17, 2005. Applicants should have strong scholarly potential ideally with research interests compatible with those of current faculty members. These include modern computational statistics, statistical genetics, spatial statistics, Bayesian inference, time series, categorical data analysis, and bioinformatics. There are opportunities for interdisciplinary research in medicine and public health, economics, environmental sciences, engineering, law and justice, and other areas.

Applicants should demonstrate an interest in undergraduate teaching and ideally have experience as teaching assistants or instructors in undergraduate classes.

Applicants must complete a Ph.D. prior to August 17, 2005 and must be free to assume the duties of this position on that date.

The selection process begins December 1, 2004 and continues until the position is filled. Please send a curriculum vitae, including a description of teaching experience, graduate transcripts, abstract of Ph.D. Thesis, manuscripts in progress, and arrange to have three letters of references sent to Prof. Jian Huang, Chair, Statistics Search Committee, Department of Statistics and Actuarial Science, 241 SH, The University of Iowa, Iowa City, Iowa 52242, USA. E-mail: jian-huang@uiowa.edu with Search Committee in the subject field.

Women and minorities are encouraged to apply. The University of Iowa is an Affirmative Action Equal Opportunity Employer. The University of Iowa prohibits discrimination in employment and in its educational programs and activities on the basis of race, national origin, color, creed, religion, sex, age, disability, veteran status, sexual orientation, gender identity, or associational preference. The University of Iowa also affirms its commitment to providing equal opportunities and equal access to The University of Iowa facilities. For additional information on nondiscrimination policies, contact the Coordinator of Title IX, Section 504, and the ADA in the Office of Affirmative Action, (319) 335-0705 (voice) and (319) 335-0697 (text), 202 Jessup Hall, The University of Iowa, Iowa City, Iowa 52242-1316.

USA: Illinois**UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN:**

THE DEPARTMENT OF STATISTICS invites applications for one or more full-time, tenure-track assistant professor or tenured associate professor positions to begin August 16, 2005. Areas of emphasis include bioinformatics, computational statistics, high dimensional data analysis, image analysis, time series, stochastic modeling and advanced statistical theory and methods. To ensure full consideration, application materials should be received by December 1, 2004. A PhD is required at the time of appointment. Salary is commensurate with qualifications and experience. The primary criterion for appointment will be excellence in research and teaching. Interested persons should send a vita, a statement of research and teaching interests, three letters of recommendation, and preprints/reprints to: Chair, Statistics Search, Department of Statistics, 725 South Wright Street, 101 Illini Hall, Champaign, IL 61820, USA. (Phone: 217-333-2167; Fax: 217-244-7190). Information about the Statistics Department's programs, research and faculty can be obtained at www.stat.uiuc.edu. The University of Illinois offers a superb environment for research and teaching and the opportunity to affiliate with leading interdisciplinary research centers such as the Institute for Genomic Biology (www.research.uiuc.edu/igb), the Beckman Institute (www.beckman.uiuc.edu) and the National Center for Supercomputing Applications (www.ncsa.uiuc.edu). The University of Illinois is an Affirmative Action, Equal Opportunity Employer.

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

Applications are invited for a tenure-track assistant professor position in actuarial science starting August 2005. Applicants must show promise for excellence in both teaching and creative research. They must have completed a Ph.D. in a relevant field. A Fellowship or Associateship in a professional actuarial society is highly preferred. Industrial experience is beneficial. The appointee is expected to teach and conduct research in actuarial science and /or financial mathematics, to assist in building a Ph.D. program in this area, and to supervise Ph.D. students.

The selection process begins December 1, 2004 and continues until the position is filled. Application includes a cover letter, a curriculum vitae, a transcript for recent PhDs, and three confidential letters of reference sent to:

Actuarial Search Committee
Dept. of Statistics & Actuarial Science
University of Iowa
Iowa City, IA 52242-1409.
Email: actuarial-search@stat.uiowa.edu

The Department currently has sixteen tenure-track faculty who are engaged in various areas of research in statistics, actuarial science, and financial mathematics. The current actuarial faculty are Jim Broffitt, A.S.A., Elias Shiu, A.S.A., and N. D. Shyamalkumar, A.S.A. The B.S. and M.S. degrees are offered in both actuarial science and statistics, the Ph.D. in statistics. Actuarial students may earn a Ph.D. in statistics with emphasis in actuarial science/financial mathematics. The number of actuarial science majors is about 50 graduate and 40 undergraduate students. For additional information about the Department, please refer to the website: <http://www.stat.uiowa.edu/>.

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

Women and minorities are encouraged to apply. The University of Iowa is an Affirmative Action Equal Opportunity Employer. The University of Iowa prohibits discrimination in employment and in its educational programs and activities on the basis of race, national origin, color, creed, religion, sex, age, disability, veteran status, sexual orientation, gender identity, or associational preference. The University also affirms its commitment to providing equal opportunities and equal access to University facilities. For additional information on nondiscrimination policies, contact the Coordinator of Title IX, Section 504, and the ADA in the Office of Affirmative Action, (319) 335-0705 (voice) and (319) 335-0697 (text), 202 Jessup Hall, The University of Iowa, Iowa City, Iowa 52242-1316.

USA: Massachusetts**Williams College**

The Williams College Department of Mathematics and Statistics invites applications for one tenure track position in statistics, beginning fall 2005, at the rank of assistant professor (in an exceptional case, a more advanced appointment may be considered). We are seeking a highly qualified candidate who has demonstrated excellence in teaching and research, and who will have a Ph.D. by the time of appointment. Williams College is a private, residential, highly selective liberal arts college with an undergraduate enrollment of approximately 2,000 students. The teaching load is two courses per 12-week semester and a winter term course every other January. In addition to excellence in teaching, an active and successful research program is expected.

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

Teaching and research statements are also welcome. Evaluations of applications will begin on or after November 15 and will continue until the position is filled. Williams College is dedicated to providing a welcoming intellectual environment for all of its faculty, staff and students; as an EEO/AA employer, Williams especially encourages applications from women and minorities. For more information on the Department of Mathematics and Statistics, visit <http://www.williams.edu/Mathematics>.

USA: Louisiana**Statistics Position at Tulane University****Fall 2005**

The Department of Mathematics has an opening for an Assistant Professor with a specialty in statistics or a related field. The successful candidate is expected to maintain an active research program, to teach and advise students in statistics at the undergraduate and graduate levels, and to participate in departmental service.

Applications should include an AMS Application Cover Sheet, a curriculum vitae, and three letters of recommendation, one of which should address the candidate's teaching. Statements about research and about teaching interests also should be included. Applications will be accepted until the position is filled. Applications should be sent to:

Hiring Committee, Department of mathematics, Tulane University, New Orleans, LA 70118

Tulane University is an Affirmative Action/Equal Opportunity Employer that is committed to increasing the diversity of its faculty. We therefore encourage applications from underrepresented groups.

USA: Michigan**MICHIGAN STATE UNIVERSITY, DEPT. OF STATISTICS AND PROBABILITY,**

East Lansing, MI 48824-1027

The Department of Statistics and Probability at Michigan State University invites applications for a tenure track position at the rank of Assistant Professor (in an exceptional case, Associate Professor may be considered) to start August 16, 2005. Candidates should have a Ph.D. with a concentration in statistics and/or probability and strong research and teaching potential. Moreover candidates should have research interests in applications of these fields to interdisciplinary research in the biological sciences. Please supply vitae, a summary of scholarly interests, and evidence of teaching experience, as well as having three letters of recommendation sent directly to: Search Committee, Department of Statistics and Probability, A415 Wells Hall, Michigan State University, East Lansing, MI 48824-1027. The selection process will begin December 15, 2004 and continue until the position is filled. MSU is an Affirmative Action/Equal Opportunity Institution. Persons with disabilities have the right to request and receive reasonable accommodation. Minorities and women are strongly encouraged to apply. For additional information about the MSU Department of Statistics and Probability please visit: www.stt.msu.edu

USA: Minnesota**SCHOOL OF STATISTICS****College of Liberal Arts****University of Minnesota**

Applications are invited for two full-time, nine-month, tenured or tenure-track, regular faculty appointments at any level beginning August 29, 2005. Duties: research, teaching, and advising.

Qualifications: Require doctorate in statistics or closely related quantitative field by August 29, 2005. In addition, for tenured positions, a distinguished program of research and demonstrated excellence in teaching are required. Send a letter of application, curriculum vitae, (copy of graduate record for tenure-track applicants), reprints/preprints, and arrange for three letters of recommendation to Chair, Search Committee, School of Statistics, University of Minnesota, 313 Ford Hall, 224 Church St. SE, Minneapolis, MN 55455; (612) 625-8046. FAX (612) 624-8868.

Tenure-track applicants will be reviewed beginning 1/05/05. Both positions will be open until filled. The University of Minnesota is an equal opportunity employer and educator. For complete position information, please visit the web site www.stat.umn.edu.

USA: Missouri**Tenure Track Assistant Professor Positions****Department of Statistics, University of Missouri - Columbia**

Applications are invited for two or more tenure track faculty at the rank of assistant professor to begin with the Fall semester 2005. A Ph.D. in statistics or biostatistics is required. An association with other units will be explored if this is of interest to a strong candidate. Review of files will begin December 1, 2004.

Applications include a cover letter, a current CV, transcript(s) and three letters of reference sent directly to the search committee by the letter writers. Dr. Dongchu Sun, Chair, Faculty Search Committee, Statistics Department, 146 Middlebush Building, University of Missouri, Columbia, MO 65211-4100 or via email to: dsun@stat.missouri.edu

The Department of Statistics has 12 faculty members with research interests in adaptive design, Bayesian statistics, biostatistics, bio-informatics, nonparametric statistics, order restricted inference, sequential design, shape analysis, spatial-temporal models, and time series. Faculty research includes theoretical statistics and diverse applications such as psychology, economics, AIDS research, genetics, disease mapping, meteorology, wildlife, forest, engineering, and biostatistics. Current research is supported by grants from EPA, NASA, NIH, NSF, and the Missouri Department of Conservation totalling about one million dollars, and members of the department serve as statistical consultants on grants in the health sciences for over three million dollars. The department offers bachelors, masters, and PhD degrees and has 55 graduate students.

Columbia is a city of more than 80,000 people located in the center of Missouri.

There are two other colleges in Columbia: Stephens College and Columbia College. Kansas City and St. Louis are each about 120 miles from Columbia, which is a two-hour drive on Interstate 70. Local recreational opportunities include plays and concerts offered by the University and Stephens and Columbia colleges. The Ozark region is a two-to-four hour drive from Columbia and provides camping, hiking, water sports and float trips.

For more information about the Department and the University, please visit <http://www.stat.missouri.edu>. For more information about the city of Columbia, please visit <http://www.ci.columbia.mo.us>. The University of Missouri is an EO/AAE. Women and minorities are encouraged to apply. To request ADA accommodations, contact ADA Coordinator at 573-884-7278 (V/TTY).

USA: New York**Cornell University**

The Department of Mathematics invites applications for the following positions beginning July 1, 2005:

- (1) One H.C. Wang Assistant Professor, non-renewable, 3-year term;
- (2) Three VIGRE Postdoctoral Associates (contingent upon funding), non-renewable, 3-year term; Beginning August 16, 2005;
- (3) Visiting positions, academic year or one semester teaching positions (any rank). For information about our positions and application instructions, see: <http://www.math.cornell.edu/Positions/facpositions.html>

Applicants will be automatically considered for all eligible positions. Deadline December 1, 2004. Early applications will be regarded favorably.

Cornell University is an Affirmative Action/Equal Opportunity Employer.

Institute of Mathematical Statistics

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

by date posted	by discipline
Mar-1-04	Texas A&M University
Mar-1-04	University of Alabama at Birmingham
Mar-1-04	Philip Morris
Feb-25-04	University of Florida
Feb-20-04	Stanford University
Feb-13-04	University of North Carolina
Feb-12-04	Cornell University
Feb-8-04	Cornell University

College Station, TX
Birmingham, AL
Richmond, VA
Gainesville, FL
Stanford, CA
Chapel Hill, NC
Philadelphia, PA
Chapel Hill, NC

USA: New York**Cornell University**

The Department of Mathematics at Cornell University invites applications for the position of tenure-track Assistant Professor (or, in an exceptional case and pending administrative approval, at a higher rank). Start date July 1, 2005. For information about fields of interest and application instructions, see: <http://www.math.cornell.edu/Positions/facpositions.html>

Deadline November 1, 2004. Early applications will be regarded favorably. Cornell University is an Affirmative Action/Equal Opportunity Employer.

USA: North Carolina

NISS

National Institute of Statistical Sciences

PO Box 14006, Research Triangle Park, NC 27709-4006

Tel: 919.685.9300 FAX: 919.685.9310

www.niss.org

Postdoctoral Fellowships

NISS is accepting applications from statistical and other scientists for postdoctoral positions. Several appointments are anticipated, with starting dates in the summer of 2005, or sooner. Appointments will be for two years, with extensions possible. The salary is currently \$62,500 per year.

In accordance with the NISS mission, postdoctoral fellows participate in cross-disciplinary research projects in collaboration with statisticians and other scientists from universities, industry, national laboratories and government agencies. They are mentored by senior statisticians and scientists, and interact strongly with one another, as well as with researchers at NISS' sister institute, the Statistical and Applied Mathematical Sciences Institute (SAMSI).

Opportunities for activity match current NISS projects in the areas of *digital government*, especially the intersections among data confidentiality, data integration and data quality; *dynamics of social networks*, *information technology*, including software engineering, *statistical disclosure limitation for geospatial image data*, *bioinformatics*, including the integration of genomics, proteomics and metabolomics, and *data quality*.

Other opportunities arise from the NISS Affiliates Program. NISS and its Federal agency affiliates (the Bureau of Labor Statistics, Census Bureau, National Agricultural Statistics Service, National Center for Education Statistics, National Center for Health Statistics, National Institute of Standards and Technology and National Security Agency) operate a joint postdoctoral program under which NISS appoints postdoctoral fellows for 2–3 year terms in challenging, exciting assignments, principally at agency locations in Washington, DC.

Shared appointments are also possible with SAMSI; see www.samsi.info for information about current and planned SAMSI programs.

Criteria for selection include demonstrated research ability in statistics or a relevant scientific discipline, interest and—to a lesser degree, experience—in project areas, strength in computation and in verbal and written communication, and genuine commitment to cross-disciplinary research.

Applicants must have received, or expect to complete, a doctorate in 1999 or later. Women and members of minority groups are particularly encouraged to apply.

Applications should consist of a letter of interest containing addresses, telephone numbers and citizenship status; three letters of reference; a one-page biographical sketch; a publication record or dissertation abstract; and a one-page statement of interest responding to the criteria and projects listed above. These items are to be submitted by E-mail, as PDF files if possible, to postdoc-application@niss.org.

The deadline for full consideration is January 31, 2005. Later applications will be considered as resources permit. Appointments may be made at any time.

NISS is an AA/EEO employer

USA: Pennsylvania**STATISTICS FACULTY POSITIONS: Penn State**

The Department of Statistics at Penn State seeks to fill the Eberly Chair and a faculty position at any rank beginning August 2005. Candidates with research experience in social science methodology, bioinformatics and environmental applications are encouraged to apply. Primary responsibilities: conduct research, teach undergraduate and graduate courses and engage in collaboration. Qualifications: Requires Ph.D. in Statistics or related field. Candidates must demonstrate potential for excellence in research and teaching. See: <www.stat.psu.edu> for more information. Please send a letter of application, curriculum vita and three letters of recommendation to: Chair, Faculty Search Committee, Department of Statistics, Penn State, 326I Thomas Building, University Park, PA 16802-2111, USA. Screening will begin December 10, 2004, and continue until the positions are filled. Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

USA: South Carolina**University of South Carolina, Columbia**

Applications are invited for at least one anticipated tenure-track Assistant Professor position beginning August 2005 (may be filled at a more senior level, depending on qualifications). A Ph.D. degree or its equivalent and a commitment to research and teaching excellence at all levels are required. The department consists of 14.5 faculty with varied research interests, and offers B.S., M.S., Master of Industrial Statistics, Certificate of Graduate Study in Applied Statistics, and Ph.D. programs; see our website at <http://www.stat.sc.edu/>. Qualified minority and female candidates are especially encouraged to apply. Transcript, resume, and four letters of reference to
Chair, Faculty Search Committee,
Department of Statistics, University of
South Carolina, Columbia, SC 29208
AA/EOE.

USA: Pennsylvania**Carnegie Mellon University**

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

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

The department seeks to fill a tenure-track position in applicable mathematics beginning August, 2005. Ph.D. in mathematics required. Candidates should have a record of strong accomplishment and potential in both research and teaching. Although preference will be given to candidates in applicable mathematics, exceptional candidates in all areas will be considered. Preference will also be given to candidates who have postdoctoral experience and whose research interests overlap and/or complement those of existing faculty. Areas of applicable mathematics presently represented in the department include applied mathematics/numerical analysis, combinatorics, and statistics. See <http://math.syr.edu> for more information.

Applications should include a cover letter, CV, three letters of recommendation addressing research qualifications, and at least one letter of recommendation addressing teaching. Send applications to Chair, Department of Mathematics, Syracuse University, Syracuse, NY 13244. For full consideration, applications should be received by November 15, 2004.

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

USA: Rhode Island**Division of Applied Mathematics, Brown University
Position in Probability and Statistics**

The Division of Applied Mathematics seeks applicants for a position at the tenure-track (Assistant Professor) or tenured (Associate or Full Professor) level, in the general areas of probability and statistics. The starting date for the position is July 1, 2005. Preference will be given to applicants who combine research in probability and statistical theory with important applications to science, who add distinct new dimensions to the Division's current research and who bridge current activities in the Division. At the Assistant Professor level, preference will be given to individuals with postdoctoral experience. Applicants at the Associate and Full Professor levels should have achieved international recognition for first-class contributions in their specialties. Additionally, candidates for Full Professor are expected to be acknowledged leaders and should be prepared to assume a leadership role in probability and/or statistics at Brown. Good communication and teaching skills are required.

Applicants should submit curriculum vitae, representative preprints and reprints, and a concise description of research interests and goals to: Attn: Probability and Statistics Search, Professor Chi-Wang Shu, Division of Applied Mathematics, Brown University, PO BOX F, Providence, Rhode Island 02912, USA

Applicants for Assistant Professor should arrange to have at least three letters of recommendation sent directly to the Search Committee at the same address. Applicants for Associate or Full Professor should arrange to have at least five letters of recommendation sent directly to the Search Committee and should provide the names and contact information for the references at the time of application.

To receive full consideration, complete applications should be received by November 30, 2004.

Brown University is an affirmative-action/equal-opportunity employer. Women and minorities are encouraged to apply.

USA: Pennsylvania**Department of Statistics, University of Pittsburgh**

Tenure-track Assistant Professor position, pending budgetary approval, beginning Fall 2005. Position involves teaching, statistical research, and collaboration. Qualifications: Statistics or Biostatistics Ph. D. Area of intensive computational methods preferred. Send CV, transcripts, and 3 letters of recommendation before 1/15/05 to Henry W. Block, Department of Statistics, University of Pittsburgh, Pittsburgh, PA 15260.

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups under-represented in academia are especially encouraged to apply.

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

The Department of Statistics at Texas A&M University anticipates multiple tenure track openings starting 9/05. Rank and salary are open. A PhD/DSc degree or the completion of all requirements for the degree prior to beginning employment is required. Successful candidates are expected to have a strong commitment to research and teaching. The department has a strong tradition of theoretical and interdisciplinary research. Current faculty members actively collaborate with members of several colleges, including Science, Agriculture and Life Sciences, Engineering, Geosciences, Veterinary Medicine, Medicine, Public Health, as well as the Faculties of Genetics, Nutrition and Toxicology. Excellent computing facilities are available and highly competitive startup funding is anticipated.

Texas A&M University is an equal opportunity employer. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities and veterans.

Through an aggressive reinvestment plan Texas A&M University will increase the faculty by 20% over the next few years. These additional faculty positions allow the University to be responsive to the needs of dual career couples.

The Department of Statistics is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching and/or service.

Faculty Search Committee,

Department of Statistics,

Texas A&M University,

3143 TAMU,

College Station,

TX 77843-3143

Evaluation of applications will begin December 15, 2004.

Applications will continue to be accepted until the positions are filled.

For more information on our department and the research interests of our faculty, please visit our web site: <http://stat.tamu.edu>

*Send your job advert to Elyse Gustafson
for the November/December 2004 issue by
November 1, 2004*

USA: South Carolina**CLEMSON UNIVERSITY****DEPARTMENT OF MATHEMATICAL SCIENCES**

The Department of Mathematical Sciences at Clemson University invites applications for a tenure-track bioinformatics faculty position starting with the Fall 2005 semester.

This position is part of the University commitment to build a high-quality research and education program in genomics where three new faculty members (bioinformatics, population genetics and functional genomics) will be added to 10 which have been hired in the past three years.

The Mathematical Sciences Department is a comprehensive department which includes the areas of statistics, probability, computational mathematics, mathematics education, operations research, analysis, algebra and discrete mathematics. The Department is strongly committed to interdisciplinary work within the University with several active research teams, and the successful candidate should have a strong interest and commitment to interdisciplinary research (with the genomics group), teaching both graduate and undergraduate courses, and supervising M.S. and Ph.D. students. The Department offers Ph.D., M.S., and B.S. degrees in Mathematical Sciences, with a concentration in Statistics, and there presently are 80 students in the graduate program. Targeted recruiting is for the assistant professor rank but applicants for all ranks will be considered. An earned doctorate or equivalent is required for the tenure track positions.

Applicants should indicate their research specialties and interests in bioinformatics in their cover letter. Vita and three reference letters should be sent to:

Faculty Search Committee,
Department of Mathematical Sciences,
Box 340975,
File BS,
Clemson University,
Clemson,
SC 29634-0975.

For further information regarding the department and its programs, please visit the web site <http://www.math.clemson.edu>. All applications received by October 15, 2004 will receive full consideration. Clemson University is an AA/EO employer and encourages applications from women and minorities.

USA: Utah**The University of Utah**

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

Full-time tenure-track or tenured appointments at the level of assistant, associate professor or full professor. Applicant should receive their Ph.D. degrees prior to 2004. Mathematicians working in probability or statistics are encouraged to apply.

Postdoctoral positions with Research Training Group in Mathematical Biology

Visiting faculty positions of one year or less, in any of the professional ranks, depending upon availability of funding.

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

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

USA: Wisconsin

Tenure-track assistant/associate professor position in UW-Madison Statistics Department, with interest in theory and methodology research, beginning Fall 2005. PhD in Statistics or closely related quantitative field at time of appointment required. Responsibilities include training graduate students. See www.stat.wisc.edu. Send letter of application, resume, research summary, three reference letters to: Hiring Committee, Statistics Department, UW-Madison, 1300 University Ave, Madison, WI 53706. Deadline: December 15, 2004. University of Wisconsin is an AA/EOE. Women and minorities encouraged to apply.

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LECTURE NOTES – MONOGRAPH SERIES



LNMS 44

The First Erich L Lehmann Symposium: Optimality

Javier Rojo and Victor Pérez-Abreu, Editors

The First Erich L Lehmann Symposium was held in Guanajuato, México during May 2002, hosted by the Centro de Investigaciones Matemáticas (CIMAT).

The goal of this series of symposia is to examine the role that Optimality can play, or should play, in modern statistics. The articles presented here are a subset of all the papers presented during the Symposium. All papers have been refereed.

In the first article, Optimality and Symposia: Some History, Erich L Lehmann provides an interesting account of the development of the Neyman-Pearson lemma based on existing letters from Neyman to Pearson. In addition, Lehmann provides insights on Neyman's life and puts in perspective the history and impact of the Berkeley Symposia.

In the second paper, Juliet P Shaffer provides a thorough historical survey of the important problem of multiple testing, connecting some modern approaches to earlier work of Lehmann.

The other areas of discussion include, Nonparametric function estimation, analysis of internet traffic flow start times, k-class classification problems, stochastic approximations for studentized M-estimators in terms of U-statistics, optimality of unbiased predictors for stochastic processes, optimality from the viewpoint of the likelihood principle, and estimating proportions under order restrictions.

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International Calendar of Statistical Events


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

September 2004


September 2–4: Oviedo, Edificio Histórico, Spain. **2nd International Conference on Soft Methods in Probability and Statistics: SMPS2004.** **w** <http://web.uniovi.es/SMPS>
Program Chairs: María Angeles Gil & Miguel López-Díaz (University of Oviedo).
Contact: Luis J. Rodríguez-Muñiz, smps2004@correo.uniovi.es

20–24 September: Coimbra, CIM, and
26–30 September: Lisbon, Inst. Sup. Economia Gestão, Portugal. **Stochastic Finance 2004: Autumn School & International Conference.** Organizers: Chair: Maria do Rosário Grossinho (Instituto Superior de Economia e Gestão, Lisbon, Portugal). **w** <http://pascal.iseg.utl.pt/~stochfin2004/>

October 2004

 **October 15–16:** Northwestern University, IL. **26th Midwest Probability Colloquium** **w** <http://www.math.northwestern.edu/mwp/>

November 2004

 **November 4–5:** CUNY, New York. **Northeast Probability Seminar** **w** <http://www.math.csi.cuny.edu/probability/NortheastProbabilitySeminar>

November 19–21: University of Louisiana at Lafayette. **34th Annual Lloyd Roeling/University of Louisiana at Lafayette Mathematics Conference:** conference topic “Statistics”. **w** <http://www.louisiana.edu/Academic/Sciences/MATH/conference.html>
Organizing committee: Bárbara González barbara@louisiana.edu, K Krishnamoorthy krishna@louisiana.edu or Nabendu Pal nxp3695@louisiana.edu


December 2004

December 5–6: Ein-Gedi, Dead Sea, Israel. **Third Winter Workshop on Statistics & Computer Science: Scientific Applications of Bayesian Analysis.** **w** <http://www.cri.haifa.ac.il/events/2004/csstat/csstat04.htm>
Contact: Chair of the Organizing Committee, Yoel Haitovsky, msyoel@mscc.huji.ac.il

December 28–30: Kandy, Sri Lanka. **International Sri Lankan Statistical Conference: Visions of Futuristic Statistical Methodologies.** Organizers: Basil M. de Silva (desilva@rmit.edu.au), Nitis Mukhopadhyay, Tim Swartz and S. Ganesalingam. **w** <http://www.st.rmit.edu.au/~desilva/conference/slstat.htm>

  **December 29–January 1, 2005:** Indian School of Business, Hyderabad, India. **Joint IMS-SRMS Mini-meeting: The Future of Statistical Theory, Practice and Education.** IMS Reps: Partha Lahiri, CR Rao, N Balakrishnan ecrr1@psu.edu **w** <http://www.stat.ohio-state.edu/~hnn/hydstatconf.html>

January 2005

 **January 6–8:** University of Florida. **7th Annual Winter Workshop: Longitudinal Data Analysis** **w** <http://www.stat.ufl.edu/symposium/2005/longitudinal/index.html>

January 6–8: Banaras Hindu University, Varanasi, India. **International Workshop/Conference on Bayesian Statistics and its Applications.** **w** <http://www.bayesian.org/>
Contact SK Upadhyay, Convener, sku@bhu.ac.in

January 7–9: Indian Institute of Management Kozhikode, Calicut, Kerala, India. **International Conference on Reliability, Statistics, and Related Fields (ICRSRF).** **w** <http://www.iimk.ac.in/icrsrf.htm> Contacts: Dr G Chaudhuri chaudhuri@iimk.ac.in or Dr R P Suresh rps@iimk.ac.in

  **January 9–11:** Bormio, Italy. **Adap'ski: satellite meeting to MCMSki.** IMS Rep Christian Robert. **w** <http://alien.eco.uninsubria.it/IMS-ISBA-05/>

January 10–14: Manchester Institute for Mathematical Sciences, UK. **Fourth Symposium on Lévy Processes: Theory and Applications with a special day in honour of the 75 birthday of S James Taylor.** **w** <http://www.ma.man.ac.uk/4levy-conference.html> Contact Ron Doney rad@maths.man.ac.uk or Rene Schilling r.schilling@sussex.ac.uk

 **January 12–14:** Bormio, Italian Alps. **Second International IMS/ISBA Joint Meeting “MCMSki”: The Past, Present and Future of Gibbs Sampling.** Brad Carlin and Antonietta Mira (Co-chairs) **w** <http://eco.uninsubria.it/webdocenti/IMS-ISBA-05/>

February 2005

15–17 February 2005, Beer Sheva, Israel. **The International Symposium on Stochastic Models In Reliability, Safety, Security and Logistics (SMRSSL'05).** Dr Ilia B. Frenkel, Industrial Engineering and Management Department, Negev Academic College of Engineering (NACE), Bialik/Bazel Sts., P.O. Box 45, Beer Sheva, 84100, ISRAEL.

International Calendar continued

t: +972-8-6475642; f: +972-8-6475643; e: SMRSSLo5@nace.ac.il **w** <http://www.nace.ac.il/extra/SMRSSLo5/>

March 2005

NEW  March 20–23: Austin, Texas. 2005 ENAR/IMS Spring Meeting. IMS Program Chair A John Bailer. **w** www.enar.org/meetings.htm

NEW March 29– April 1: Massey University, Auckland, New Zealand. 14th International Workshop on Matrices and Statistics **w** <http://iwms2005.massey.ac.nz/>

April 2005

April 5–12: Sydney, Australia. ISI 2005: 55th Biennial Session. Contact Annette Hants, isi2005@tourhosts.com.au **w** <http://www.tourhosts.com.au/isi2005>

April 13–16: Cairns, Tropical North Queensland, Australia. Fourth International Conference on Statistics in Business and Industry: ISBIS-4. A satellite meeting to the ISI Session in Sydney. Conference Director, Nick Fisher nif@valuemetrics.com.au, **t** +61 407 017 016 **w** www.action-m.com/isbis4

May 2005

NEW May 14: University of California, Riverside. Bayes, Multivariate and CASM: A statistics conference in honor of Jim Press **w** <http://statistics.ucr.edu/Bayes.htm>

May 17–20: Brest, France. ASMDA2005: XI International Symposium on Applied Stochastic Models and Data Analysis. **w** <http://asmda2005.enst-bretagne.fr>
Symposium General Chairs: JP Barthélemy, N Limnios and G Saporta. Information: asmda2005-organisation@enst-bretagne.fr

May 22–24: Newport, Rhode Island, USA. IEEE International Workshop on Genomic Signal Processing and Statistics (GENSIPS), 2005. **w** <http://binary.engin.brown.edu/gspso5/index.htm> Contact: Aniruddha Datta, Texas A&M University datta@ee.tamu.edu or Jie Chen, Brown University jie_chen@brown.edu

May 23–26: University of Siena, Italy. International Conference in Memory of Two Eminent Social Scientists: C. Gini and M. O. Lorenz. Contact Prof. Achille Lemmi, Chairman Organizing Committee:

June 2005

NEW  June 1–3: Park City, Utah. 12th Annual Spring Research Conference on Statistics in Industry and Technology. Contact Shane Reese reese@stat.byu.edu. **w** <http://src2005.byu.edu/>

NEW June 2–4: Villa Monastero, Italy. BISP4: 4th Workshop on Bayesian Inference in Stochastic Processes **w** <http://www.mi.imati.cnr.it/conferences/bisp4.html>

June 12–15: Saskatoon, Canada. SSC2005: Annual Meeting of the Statistical Society of Canada. **e** bickis@math.usask.ca
Program information: Augustine Wong at august@mathstat.yorku.ca

NEW June 15–18: Izmir University, Turkey. Ordered Statistical Data: Approximations, Bounds and Characterizations. Organizer: Ismihan Bayramoglu **t** +90-0232-2792525 **f** +90-0232-2792626 **e** ismihan.bayramoglu@ieu.edu.tr

NEW June 20–24: Santa Fe, NM. 4th International Conference on High Dimensional Probability (HDP) **w** <http://www.math.udel.edu/~wli/conf/hdp05/>

NEW June 20–24: Hong Kong. International Conference on Statistics in Honour of Prof Kai-Tai Fang's 65th Birthday **w** <http://www.math.hkbu.edu.hk/Fang65>

NEW  June 21–24: Fairbanks, Alaska. 2005 WNAR/IMS Western Regional Meeting. IMS Program Chair Thomas Lee. **w** <http://www.uaf.edu/wnar/>

 June 26–July 1: Santa Barbara, California. 2005 Conference on Stochastic Processes and their Applications. IMS Rep Raya Feldman **w** <http://www.pstat.ucsb.edu/projects/spa05>

July 2005


July 7–8: University of New South Wales, Sydney Australia. Recent Advances in Biostatistics, Bioinformatics and Markov Chain Monte Carlo. Contact: biomcmc@maths.unsw.edu.au **w** <http://www.maths.unsw.edu.au/~scott/symposium>

 July 9–11: Beijing, China. The Joint Meeting of the Chinese Society of Probability and Statistics (CSPS) and IMS. **w** <http://math.bnu.edu.cn/statprob/CSPS-IMS2005/index.html>

NEW July 10–16: Daydream Island, Australia. Stochastic Modelling of Complex Systems: SMOCS-05 **w** <http://www.conferences.unimelb.edu.au/smocs05/index.html>

July 24–29: Oslo, Norway. 25th European Meeting of Statisticians Organized by the Bernoulli Society. **w** <http://www.ems2005.no>

August 2005

NEW  August 5–6: IMA, Minneapolis. New Directions in Probability Theory. IMS Program Chair Maury Bramson. **w** <http://www.imstat.org/meetings/NDPT05/>



IMS Annual Meeting at JSM2005. IMS
Program Chair: David Madigan, Rutgers
University, madigan@stat.rutgers.edu; IMS
Local Chair: Peihua Qiu, University of
Minnesota, qiu@stat.umn.edu

NEW



March 20-24, 2006: CIMAT, Guanajuato, Mexico. **Conference on Stochastics in Science, in honor of Ole E Barndorff-Nielsen's 71st Birthday.** Further information pabreu@ciamat.mx

July 2–7: Salvador (Bahia) Brazil. ICOTS7
Working Co-operatively in Statistics Educa-
tion [w](http://www.maths.otago.ac.nz/icots7) <http://www.maths.otago.ac.nz/icots7>

Australian Statistics Conference & New Zealand Statistical Association Conference.
David Scott [e d.scott@auckland.ac.nz](mailto:d.scott@auckland.ac.nz)

York. Summer School in Probability.
W <http://www.math.cornell.edu/~lawler/sum2005.html> or contact Greg Lawler at lawler@math.cornell.edu

April 2007




NEW  April 15–18: Miami, FL. 2007
ENAR/IMS Spring Meeting. IMS Program
Chair TBA. **w** <http://www.enar.org/meetings.htm>

August 2008



August 2009



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

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The *IMS Bulletin* (ISSN 1544-1881) is published bimonthly by the Institute of Mathematical Statistics, 3163 Somerset Dr, Cleveland, Ohio 44122, USA. Periodicals postage paid at Cleveland, Ohio, and at additional mailing offices. Postmaster: Send address changes to Institute of Mathematical Statistics, 9650 Rockville Pike, Suite L2310, Bethesda, MD 20814-3998.

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