

# IMS Bulletin



November/December 2003

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## Profile: Andrew Gelman

Andrew Gelman, Columbia University, received the Committee of Presidents of Statistical Societies (COPSS) Presidents' Award in August. His friend and colleague (and former Presidents' Award recipient) Xiao-Li Meng tells us about his "professional twin":



*Not-so-terrible twins? Andrew Gelman (left) and Xiao-Li Meng*

Listing Andrew Gelman's accomplishment is neither possible in this space, nor necessary: <http://stat.columbia.edu/~gelman>, constantly reloaded, does a more complete job. It even provides a web page that estimates the radon risk in your house! What is missing from this webpage, or what I'd like to read, are COPSS recipients' appraisals for each other. Out of the 300 possible (pairwise) ones so far, I surmise that many have been written, some in stone. So here is a sample!

Andrew and I are 'professional twins', entering Harvard in 1986, and both have benefited greatly from Don Rubin's wisdoms and his legendary care for his students. Like twins, we fought for attention (or at least, I did). My first year at Harvard was particularly frustrating, not only because few could comprehend my Chinglish, but also because I could not decipher the rumbling of my American 'brother', in any class we both attended. Professors were as impressed as I was depressed, or as my 'twin' told me, "You don't know Jack..."

After I learned enough 'Jacks', we started to collaborate. I cannot overstate my excitement the first time that I discovered that Andrew had proved an impossible theorem. My thrill continued until I read somewhere that the originality of a mathematician is proportional to the number of false theorems he has established. Just when I thought that I could teach him a few Jacks...

So here is my appraisal of Andrew. If there is a contest for the most original COPSS recipient, my ego of course would prefer more votes for myself, but then I have to suppress my conscientiousness. On the other hand, if the contest is for the most diplomatic COPSS recipient, then I don't have to. An after-talk praise such as "a very interesting talk" from Andrew should be consumed as a glass of Chateau Latour (though the actual vintage may vary with his mood), but perhaps only as a mug of Miller light if it is from many others, myself included.

No implication here that Andrew is just another "beautiful mind", for he also has a "beautiful heart" for teaching. If you're not one of those who have had the fortune to witness his pedagogical passion, I'd urge you to read his *Teaching Statistics: A bag of tricks* (Gelman and Nolan, 2002, Oxford University Press)—a real treat!

Indeed, having Andrew as my 'professional twin brother' is one of the biggest treats in my professional life. Thanks and congratulations, Andy, for being an inspiration to me, and to many others, whether they admit or not...

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new fax  
number!

## News from IMS members

### First International Mahalanobis Prize Awarded to C.R. Rao

The first international Mahalanobis Prize, established by the Indian government two years ago, has been awarded to Professor C R Rao in recognition of his lifetime achievements in statistics. It was presented at the International Statistical Institute's 54th session in Berlin, for his fundamental contributions to Statistics, especially for developing Statistics in the South East Asian region.

C R Rao has been among the world leaders in statistical science over the last 60 years. He is a Fellow of the Royal Society, National Medal of Science laureate and a member of the National Academy of Sciences (USA).



### New LNMS Editor

The new Editor for the IMS *Lecture Notes Monograph Series* will be Rick Vitale. He can be contacted at Department of Statistics, U-4120, University of Connecticut, Storrs, CT 06269-4120. Tel 860-486-2008; fax 860-486-4113; email [r.vitale@uconn.edu](mailto:r.vitale@uconn.edu)

The two latest LNMS Volumes are 42: *Mathematical Statistics and Applications: Festschrift for Constance van Eeden* (Eds: Marc Moore, Sorana Froda and Christian Léger), at US\$54 (IMS members \$32), and 43: *Crossing Boundaries: Statistical Essays in Honor of Jack Hall* (Eds: John E. Kolassa and David Oakes). Both are available from the Dues and Subs Office (see left) or online at <http://www.imstat.org/orders>.

### IMS Members receive ASA Awards

The American Statistical Association recognized several outstanding statisticians during the Joint Statistical Meetings in San Francisco, several of whom were also IMS members: **Roxy L. Peck**, California Polytechnic State U and **Lynne Billard**, U of Georgia, received the 2003 Founders Award; **David L. Wallace**, U of Chicago, received the 2003 Samuel S. Wilks Memorial Medal; **Myles Hollander**, Florida State U, received the 2003 Noether Senior Scholar Award; **Yi Lin**, U of Wisconsin at Madison, was recognized with the 2003 Noether Young Researcher Award; The Statistics in Chemistry Award was presented to **Joseph S Verducci**, The Ohio State U, in recognition of a paper written jointly with Paul E. Blower, Michael A. Fligner and Jeffrey Bjoraker; The Outstanding Statistical Application Award was presented to **James M. Landwehr**, Avaya Labs Research, and **Scott A. Vander Wiel**, Bell Laboratories, also in recognition of a joint paper, written with Steven Golowich, Bell Laboratories.

**RENEW**  
by December 31 and  
**SAVE 20%**  
on Your Membership  
Next Year!

Do you always pay your dues on time? Then it's time we thanked you by giving back. Renew your membership via mail, fax or online and get **20% off your 2004 membership rate**. All dues renewals must be received by **December 31, 2003** to be eligible.

Renew online at [www.imstat.org/orders/](http://www.imstat.org/orders/)

## In Other News

### Nobel Prize in Economic Sciences awarded to Granger and Engle

#### Work on Statistical Methods for Economic Time Series recognised

The Royal Swedish Academy of Sciences has awarded the *Bank of Sweden Prize in Economic Sciences in Memory of Alfred Nobel, 2003*, jointly to Robert F. Engle (New York University) and Clive W. J. Granger (University of California at San Diego).

British-born economist Clive Granger received the prize “for methods of analysing



Robert Engle's ARCH work is used in *Statistical Methods for Economic Time Series*

*economic time series with common trends (cointegration)*”. Robert Engle is honoured “for methods of analysing economic time series with time-varying volatility (ARCH)”

[ARCH stands for autoregressive conditional heteroskedasticity]. The pair have worked for over 20 years to analyse and describe mathematically the fluctuations in economies and stock



Clive Granger: coined “cointegration”

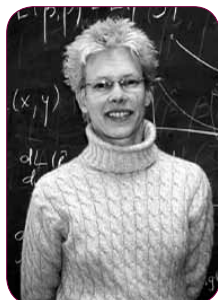
markets, as well as modeling relationships between wealth and consumption.

More information: <http://www.nobel.se/economics/laureates/2003/public.html>

## Associate IMS Bulletin Editors

#### IMS Bulletin Editor, Bernard Silverman writes:

We are delighted to announce that Susan Murphy and Ingram Olkin have been appointed Associate Editors of *IMS Bulletin*. The role of Associate Editor is to act as eyes and ears for the *Bulletin*, to help us ensure that we cover all aspects of IMS's life and activities. They also assist me and Tati in preparing and prioritising material for the *Bulletin* and in generating ideas for future articles.



Susan Murphy (above) and Ingram Olkin (below): IMS Bulletin's new Associate Editors

Susan recently completed a term as Program Secretary and so is very much up to date with IMS's activities. Ingram and IMS have been for many decades almost synonymous; Ingram is of course a past President and was instrumental in the foundation of *Statistical Science* and in an enormous range of IMS initiatives.

The task of an Associate Editor is not time consuming, but requires more of an intellectual (and indeed emotional) commitment. The main necessary attributes are energy, ideas, and vision; qualities which Susan and Ingram have in abundance. My view is that we would work best with a fairly small board of Associate Editors, but that we could benefit from having more representation of younger members (I mean younger!) and of members in countries other than the US and the UK. Would you be interested in becoming an Associate Editor? If so, please contact us at [bulletin@imstat.org](mailto:bulletin@imstat.org)

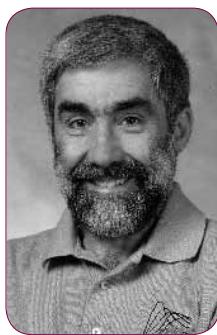
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# President's Column: In Praise of Postdocs



**IMS President Terry Speed writes:**

I don't know what proportion of IMS members have PhDs (or an equivalent) in probability or statistics, but I'd guess it's fairly high.

I don't know what proportion of those that do have PhDs would also have formal postdoctoral research experience, but here I'd guess it's rather low.

Why? One possible reason is that for much of the last 40 years, anyone completing a PhD in prob or stat and wanting a research career, could go straight into one. Prospective employers of people with PhDs in our field—be they universities, research institutes, national labs or companies—don't require their novices to have completed a postdoc, and most graduating PhDs are only too happy to go straight into their first job.

This is in sharp contrast with the biological and physical sciences, where it is rare to appoint someone to a tenure-track faculty or research scientist position without their having completed one or more postdocs.

The number of people doing postdocs in probability or statistics has been growing over the last 15 years. This is in part due to the arrival on the scene of institutes such as the MSRI, IMA, IPAM, NISS, NCAR, and recently the MBI and SAMSI [see article on next page] in the US, the Newton Institute in the UK, the Fields Institute in Canada, the Institut Henri Poincaré in France, and others elsewhere around the world. In such institutes short-term postdoc positions go with their current research programs, and there are usually a smaller number continuing for longer periods.

It is also the case that an increasing

number of senior researchers are being awarded research funds to support postdocs in prob or stat, often in the newer, applied areas such as computational biology.

And finally, it is has long been the case that many countries (Germany, Sweden, Switzerland, and the US, to name a few) have national grants supporting postdoctoral research in their own or, even better, another country. I think all of this is great, and would like to see this trend continue and strengthen.

Why do I think postdocs are a good thing? And why do I think young probabilists and statisticians should do one, even when they can get a good job without having done so?

For most of us, doing a PhD means getting totally absorbed in some relatively narrow research area for 2–3 years, treating that as the most important part of science for that time, and trying to produce some of the best work in that area. This is fine, and we get a PhD for our efforts, but is it good training for a lifelong research career? While it is obviously good preparation for doing more of the same, I don't think it is adequate for research in general. I regard the successful completion of a PhD as (at least) evidence that the person in question can do research, but it doesn't follow that they can go on and successfully do research in new area, or in a different environment, or without close supervision.

Postdocs give you the chance to broaden, to learn new technical skills, to become acquainted with new areas, and to absorb the culture of a new institution, all at a time when your professional responsibilities are far fewer than they would have been had you taken that first "real" job. The postdoc period can be a wonderful time in your scientific life, one which sees you blossom, building on the confidence you gained by having completed

your PhD, in what is still essentially a learning environment, but one where you can follow your own interests, explore new areas, and still make mistakes. At the worst, you have delayed your entry into the workforce two or three years, and you can still keep on working in your PhD area if you wish. The number of openings for researchers in prob or stat doesn't fluctuate so much on this time scale, so you are unlikely to be worse off than the earnings foregone. At best, you will move into a completely new area of research, one much better suited to your personal interests and skills, perhaps also better suited to market demand, but either way, one chosen with your PhD experience behind you. This can greatly enhance your long-term career prospects and more than compensate for your delayed entry into the workforce.

*Students:* the time to think about this is *now*, not just as you are about to file your dissertation. And the choice is not necessarily one between immediate security and career development: you might be able to have both. You shouldn't shy from applying for tenure-track jobs and postdocs at the same time, and if offered the job you want, requesting (say) two years' leave of absence to do the postdoc you want. Employers who care about your career development are unlikely to react badly to such a request.

## Posters

Many (most) conferences have official posters. As a long-time poster lover, I'm delighted to introduce you to the poster for our 67th Annual Meeting, which will be joint with the Bernoulli Society 6th World Congress in Barcelona, Spain. Please post the poster, and come to the meeting!

*Students & new researchers: apply for a travel grant: see page 14.*



# SAMSI Announces 2004-05 Programs

Jim, Berger, the Director of SAMSI, reports on its progress and future



## programs:

The Statistical and Applied Mathematical Sciences Institute (SAMSI) has entered its second

year of operation. SAMSI is a national NSF institute in the mathematical sciences. Its mission is to forge a new synthesis of the statistical sciences with the applied mathematical sciences and disciplinary science, to confront the very hardest and most important data- and model-driven scientific challenges. SAMSI is housed in the NISS building in the Research Triangle Park, North Carolina.

After a very successful first year, with well over 700 participants in SAMSI activities, the current year has an exciting slate of programs, on *Network Modeling for the Internet*, *Data Mining and Machine Learning*, and *Multiscale Model Development and Control Design*. Some opportunities for participation in these programs still remain, especially the latter program, which does not begin until January 2004. See the SAMSI website ([www.samsi.info](http://www.samsi.info)) for further information about these programs.

## Looking ahead

Plans are well under way for SAMSI's 2004-05 programs (discussed below), and numerous opportunities exist for participation by IMS members. Visiting young and senior researchers will be resident at SAMSI for periods of one month to one year. Several postdoctoral positions will be funded for each SAMSI program. Special programs exist for graduate and upper level undergraduate students to initiate their involvement in cross-disciplinary and team research. New

researchers will have special opportunities, from both the SAMSI environment and from financial support. Senior researchers will have the chance for serious broadening of their interests and skill sets.

Workshops will enable many others to join in the effort. Every SAMSI program will have at least an opening and a closing workshop, allowing for broad participation of individuals who cannot spend part of the year at SAMSI. New researchers and members of under-represented groups are especially encouraged to participate in SAMSI workshops and programs.

## Future Research Proposals

SAMSI is very interested in obtaining proposals for future research programs. Anyone with an idea for a future program should contact Jim Berger ([berger@samsi.info](mailto:berger@samsi.info)). Such ideas can also be communicated to the other members of the SAMSI directorate – Tom Banks ([htbanks@eos.ncsu.edu](mailto:htbanks@eos.ncsu.edu)), Alan Karr ([karr@niss.org](mailto:karr@niss.org)), and Steve Marron ([marron@email.unc.edu](mailto:marron@email.unc.edu)) – or to the SAMSI National Advisory Committee, chaired by Peter Bickel and Margaret Wright.

## 2004–2005 Program

Brief descriptions of the Third Year SAMSI programs follow.

A program on **Computational Biology of Infectious Disease** will run from September 2004 to May 2005. This program, being lead by Thomas Kepler and Denise Kirschner, will consider both population dynamics and genomic dynamics. Possible topics in population dynamics including: epidemiology, social network theory, immune-response modeling, microbial ecology, host-pathogen co-evolution, drug resistance, and evolution. Possible topics in genomic dynamics including: comparative genomics, molecular evolution, proteomics, gene

expression modeling and microarray data analysis, and drug target identification and vaccine design.

A program on **Social Sciences** will run from September 2004 to May 2005. This program, being lead by Kenneth Bollen, Alan Karr, and Susan Murphy will focus on the use of latent variables in modeling in social sciences, with emphases on the interface of multilevel and structural equation modeling, longitudinal analysis, social networks, agent-based simulation, genetic and environmental influences on behavior, and causality.

The third program is **Data Assimilation**, to be conducted from January to June, 2005. This program, being lead by Christopher Jones, Kyo Ide, Robert Miller, Douglas Nychka and Francisco Werner, has potential emphases on model adaptation, assimilation of data corresponding to subsidiary variables in coupled models, such as atmospheric data in coupled atmosphere-ocean models, optimal design of experiments for data assimilation, and assimilation of non-prognostic variables.

For more information about these programs and the possibilities of participating in them, go to the SAMSI website [www.samsi.info](http://www.samsi.info).

## IMS Council Members

### 2003–04

Wilfrid Kendall, Thomas Liggett, Wing Wong, Michael Woodroffe, Bin Yu, Alan Karr, J. Steve Marron, Per Mykland, David W. Scott, Jane-Ling Wang, Jianqing Fan, Richard Gill, Hans R. Künsch, Christian P. Robert and Ruth J. Williams

# The Path to Publication, (or, Dude, Where's My Manuscript?)

Our guide along the Path (to publication) is Patrick Kelly, the Production Editor for the IMS print journals. Lead on...



If you are an author (or future author) of an article appearing in the *Annals*, at some point you have doubtlessly been sitting around the campfire one chilly evening pondering the stars when the question arose: What happens to my manuscript

after I submit it?

Well, if this describes you, you're not alone. In a recent informal survey of nonrandom authors on a nonrandom walk (i.e., those who were shouldered during a recent meeting), most were unaware of what really goes on behind the scenes at journals like the *Annals*. Some thought that magical elves were responsible for most of the work.

Well, yes and no. Whether your paper appears in the bright yellow *Annals of Applied Probability*, the soothing blue *Annals of Statistics*, or the shocking, slightly retina-piercing red *Annals of Probability*, all manuscripts follow basically the same path, a process that has been mysterious to almost everyone.

Until now.

For the first time ever, we pull aside the curtain which has shielded from view the inner workings of the IMS production process to reveal the sometimes exciting, the sometimes uninteresting, the always on-going path to production.

But first a warning: what follows may shock you. What follows may intrigue you. Ultimately, what follows may be of no surprise at all.

## So It Begins

So you've written a paper and think it should appear in one of the *Annals*. People who have been through this process might feel that submitting their manuscript is like having it disappear down a wormhole only to emerge a year or more later in an altered form.

Not exactly.

Doubtless everyone understands the peer-review process of a journal

and what happens when a paper is submitted to an Editor (it is sent to an Associate Editor who sends it to referees who send it back to the Associate Editor who then recommend either revisions or publication—see the accompanying flow chart for the visual), but what happens next is largely unknown.

Once the Editor has assigned your paper to an issue, your manuscript is sent to Mattson Publishing Services where it is sent to a copy editor who reads it and makes certain minor but necessary changes so it conforms to the *Annals* style. The copyedited manuscript is then sent along with the TeX file to VTEX where the good folks in Vilnius turn it into what looks like an *Annals* paper.

## I'm Ready for My Galleys Mr DeMille

At this point you receive the exciting email from Geri Mattson at Mattson Publishing Services informing you that your galleys are ready. Ms. Mattson is the liaison between you and VTEX. After you download your galleys and mark your corrections, she collects them all and sends them to Vilnius where the good people at VTEX make what is known as page proofs.

At this stage your paper comes to me, the Production Editor, and I check to see that your corrections have been done properly. In almost every case they have. We can thank the TeX experts (dare I call them "TeXperts"? ) at VTEX for this. One thing that makes VTEX so good is that a large percentage of their employees are themselves mathematicians. So we are in good hands.

A copy of the page proofs also goes to one of the appropriate Managing Editors. Together we read it and make decisions about presentation, fix awkward or unclear wording, occasionally adjust notation and double check references. In some cases by this point, it has been about a year since your paper was submitted (since the production process is prioritized by when the paper is scheduled to appear in an issue), so many of those references that are "to appear" have probably appeared.

Occasionally you will receive an email from me or the Managing Editor asking for clarification of something that may have been overlooked previously. Most times, though, after some minor adjustments your paper is ready for publication.

## Start the Presses!

When the issue has been read and reread, and final corrections have been made, VTEX sends the entire issue as a PDF to Ms. Mattson who bundles it up and sends it on to Sheridan Press. It takes the folks at The Sheridan Press about two weeks to check, print, bag and mail the issue. Depending on where you are in the world, you have your issue 1–3 weeks later.

## On to the World Wide Web

But wait! We're not done yet. At the same time the issue is sent to The Sheridan Press, the same PDF files are sent to Project Euclid in order to generate the electronic publication. Here, a large archive of *Annals* articles has been accumulating for several years making it easier for researchers everywhere to access your paper.

## The Long and Winding Road

You're probably thinking, "But why does it take so long to get my paper published?" If so, you're not alone. There are several reasons, among them the amount of papers the IMS publishes. In 2003, our journals published 6400 pages, and because we like to read them all, this takes time. Also, some papers are quite long. Given the length of some of them, and the fact that one issue can only hold so many pages, we are limited in how many papers appear in one volume.

Several years ago we changed *The Annals of Statistics* from a quarterly into a bi-monthly journal, and beginning in 2004 *The Annals of Probability* will publish extra issues to help alleviate some of the backlog. While we do not plan on publishing any of the journals on a monthly basis, it could happen. But for now, the close scrutiny we give to every paper makes the journals better and even if we are a bit slow sometimes, in the end everyone wins.

## A Word About Style

Like any journal, the *Annals* has its own unique style that differs, sometimes drastically, from that of other journals. This does not usually become an issue until you receive the galleys and notice many of the changes that have been wrought on your manuscript. Authors often look at their newly edited papers and wonder why, for instance, the references have been changed. Weren't they

perfectly fine the way they were originally? Well, yes and no. The *Annals* has its own style, and while most of the information is there as you submitted it, we prefer to have the references appear as they do (cf. any issue of the *Annals* since circa 1972).

Similarly, you may ask, "Why has the final serial comma been removed?" (i.e., this, that, and the other has been replaced by this, that and the other)? This is a good example of the style particular to the *Annals*. The answer is simple: this is the way we do it. At some point, the people behind every journal must make decisions about how the journal will look. Some may argue that, according to style guides like Strunk & White's *Elements of Style*, one needs a comma before the word "and" in a series because it helps to clarify meaning. (There is an apocryphal book dedication that best illustrates this point: "I would like to thank my parents, Ayn Rand and God..."). However, style is not a matter of grammar. It is a matter of aesthetics and choices. Without a fixed style, visual chaos would ensue and you, the reader, would be plunged into a world of wavering standards that would cause aesthetic and existential uncertainty (two of the worst kind!) with probability approaching 1, I like to think.

Besides these matters, we also have the equation numbers on the left, Appendices that appear at the end of the articles, etc. I like to think that these are some of the things that set the *Annals* apart from other journals (besides the contents and the fine people involved).

## Let Us Give Thanks

It is impossible to sufficiently thank all the people behind the scenes, past and present, who have participated in making these journals the high-quality publications they are. Almost all are volunteers dedicated to making the world of Statistics and Probability a better place, and they do a fine job.

And thanks to you, the authors, for your continued patience and participation.

Personally, I would like to thank my parents...

# IMS Journals Offer

The IMS office is clearing out back issues of many old journals. We'd like to donate these journals to libraries and individuals, preferably in developing countries. If you would like to receive these donations or know of an institution that could use them, please contact IMS Executive Director, Elyse Gustafson [erg@imstat.org](mailto:erg@imstat.org)

Issues to be donated include those published prior to 1996 and is limited to what we have in stock for *Annals of Mathematical Statistics*, *Annals of Statistics*, *Annals of Probability*, *Annals of Applied Probability* and *Statistical Science*. Specific requests for issues will be accepted, but cannot be guaranteed. IMS will pay for surface shipment to those in developing countries. We may request that those in other countries pay for the postage.

# Lecture and Meeting Reports

Grace Yang writes about the origins of the Inaugural Le Cam Lecture, presented at JSM in August 2003:

Lucien Le Cam was Professor of Mathematics and Statistics at the University of California, Berkeley. He died at the age of 75 on April 25, 2000 at a hospital near Berkeley after a brief illness. The statistical community lost one of its most original thinkers.

He was a principal architect of the modern asymptotic theory of statistics. Building upon the methods and insight of the early founders of mathematical statistics, Le Cam developed a unifying statistical decision theory based on the concepts of deficiency and distance between statistical experiments. This unification makes the asymptotic theory an integral part of the decision theory—as summarized in his magnum opus *Asymptotic Methods in*

*Statistical Decision Theory*. The mathematical system that Le Cam developed substantially extended Wald's decision theory, to the version being used today.

Besides mathematical statistics, Le Cam also made some fundamental contributions to probability theory and applications. The Le Camian models of rainfall are widely cited in the atmospheric and hydrologic science.

Le Cam's theory and work had a transforming influence on mathematical statistics and lifted the field to a new level.

In honor of his monumental contribution to statistics and science, IMS established the Le Cam Lecture, to be held every third year at the Annual Meeting. The lecturer should be an individual

whose contributions are or promised to be fundamental to the development of mathematical statistics or probability.

The IMS selected Professor **David Donoho** as the first Le Cam Lecturer. The lecture was given at the San Francisco Joint Statistical Meeting, on August 4, 2003. Professor David



David Donoho, Le Cam Lecturer

Pollard was the discussant. The session was chaired by Grace Yang who presented a brief account of Le Cam's life.

More on Le Cam's life and work may be found Grace Yang's article which appeared in *Annals of Statistics* (Volume 30, pages 617-630) last year.

## Report from the Special Program in Honor of Charles Stein in Singapore

August 2003 will be remembered by 31 mathematicians, statisticians and graduate students from around the world, who attended the **Program on Stein's Methods and Applications** at the Institute for Mathematical Sciences, National University of Singapore.

Those attending came from Australia, Britain, Canada, China, Germany, Greece, Korea, Philippines, Russia, Slovenia, Sweden, Switzerland, Thailand, and the United States, as well as 12 from Singapore. They learned about Stein's Method, a time-tested idea with humble origins in teaching, which was introduced to the statistical world in a symposium in Berkeley in 1972. It lay dormant for at least 15 years and was resurrected in a burst of activity that resulted in its widespread applicability in such diverse fields as spatial statistics, computer science, random graphs, computational molecular biology, interacting particle systems, bootstrap, mathematical theory of epidemics, algebraic analogs of probabilistic number theory, insurance and financial mathematics, population ecology, combinatorics of logarithmic structures and other real-life problems.

What made the Program even more memorable was that the much revered 83 year old originator of Stein's Method was himself immersed in all the activities of the Institute's program specially organised in his honor, whether tutorial or workshop lectures or coffee-break discussions. Charles Stein showed an indefatigable spirit of the intellect and must have been a source of inspiration to all those participants who have explored or are attracted by the richness of his ideas. To those who were his students (including IMS director Louis Chen and his colleague Wei-Liem Loh of the Department of Statistics and Applied Probability) and personal friends (such as Andrew Barbour and Persi Diaconis), the program was like an extended family reunion. Dr Stein gave an interview during the workshop (see website below) in which he opened up rare insights into the mind of an original thinker and scholar.

This article is adapted from the report in the October 2003 issue of "Imprints", the newsletter of the Institute for Mathematical Sciences at the National University of Singapore, which appears at <http://www.ims.nus.edu.sg/publications-imp.htm>



Charles Stein (sixth from right in front row) at the Program in his honor

Picture courtesy of Imprints, IMS (NUS)



# IMS Mini-meeting Reports

## Adaptive Designs

Nancy Flournoy, University of Missouri, reports on a workshop held at the Fields Institute, Toronto, September 26-27, 2003:

The September weekend Workshop on Adaptive Designs was kicked off with an overview of the field and its diversity, given by Nancy Flournoy. She distinguished adaptive designs from conventional experimental design, focusing on the key distinction that with adaptive designs the chance that a subject (group) will get a particular treatment changes as information accrues in the study. This radically changes the underlying mathematical formulation of these designs from combinatorics to stochastic processes. She also reported that sequential analysis research involving early stopping rules was now also being called adaptive designs, creating a lot of confusion. Subjects arrive sequentially.

Research interest in adaptive designs is exploding now, owing to theoretical advances in stochastic processes and to computational



Key speakers

advances such as in multiple integration capabilities. Interest in applications is growing fast too, particularly in toxicology and pharmaceuticals.

The talks fell into five categories:

- 1) adapting to balance subject allocation between treatment groups
- 2) two-stage designs
- 3) Bayesian designs
- 4) optimal designs and approximations to them
- 5) ad hoc designs (up and down designs for toxicity assessment and phase I clinical trials, up and down designs for phase I–2 trials, and urn designs).

In categories 1 and 2, adaptation is based on treatment allocation information only. Categories 3 and 4 involve “response-driven adaptive designs”, in which adaptation is based on outcome

data as well as treatment allocation information. In category 5 the big issues of estimation and inference were the focus of two talks, while efficiency and power were the subjects of four talks.

The field of adaptive designs was well represented by the spectrum of presentations. Major future thrusts were identified. The most significant outcome of the workshop was getting together promising young researchers interested in adaptive designs.

On behalf of the other organizers, N. Balakrishnan (McMaster) and Sri Gopal Mohanty (McMaster), I would like to express our thanks to the Fields Institute and the IMS for making the workshop possible.

Transparencies from talks with audio can be found at <http://www.fields.utoronto.ca/audio/#adaptive>



Conference organizers (l-r): N. Balakrishnan, Nancy Flournoy and Sri Gopal Mohanty

## Reduced Dues Countries

Below is the list of countries in which IMS members are eligible for reduced dues. This list will be effective for 2004 dues. The IMS Council has approved that all members in countries with a gross national product per capita of less than US\$9205 are eligible for reduced dues (as reported by the World Bank in June 2003).

**Countries in Which Reduced Individual Membership Dues May be Paid:**

Afghanistan; Albania; Algeria; American Samoa; Angola; Antigua & Barbuda; Argentina; Armenia; Azerbaijan; Bahrain; Bangladesh; Barbados; Belarus; Belize; Benin; Bhutan; Bolivia; Bosnia and Herzegovina; Botswana; Brazil; Bulgaria; Burkina Faso; Burundi; Cambodia; Cameroon; Cape Verde; Central African Republic; Chad; Chile; China; Colombia; Comoros; Congo, Dem. Rep.; Congo, Rep.; Costa Rica; Côte d'Ivoire; Croatia; Cuba; Czech Republic; Djibouti; Dominica; Dominican Republic; Ecuador; Egypt, Arab Rep.; El Salvador; Equatorial Guinea; Eritrea; Estonia; Ethiopia; Fiji; Gabon; Gambia, The; Georgia; Ghana; Grenada; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Hungary; India; Indonesia; Iran, Islamic Rep.; Iraq; Isle of Man; Jamaica; Jordan; Kazakhstan; Kenya; Kiribati; Korea, Dem. Rep.; Korea, Rep.; Kyrgyz Republic; Lao PDR; Latvia; Lebanon; Lesotho; Liberia; Libya; Lithuania; Macedonia, FYR; Madagascar; Malawi; Malaysia; Maldives; Mali; Malta; Marshall Islands; Mauritania; Mauritius; Mayotte; Mexico; Micronesia, Fed. St.; Moldova; Mongolia; Morocco; Mozambique; Myanmar; Namibia; Nepal; Nicaragua; Niger; Nigeria; Oman; Pakistan; Palau; Panama; Papua New Guinea; Paraguay; Peru; Philippines; Poland; Puerto Rico; Romania; Russian Federation; Rwanda; Samoa; St. Kitts and Nevis; St. Lucia; St. Vincent and the Grenadines; São Tomé and Príncipe; Saudi Arabia; Senegal; Seychelles; Sierra Leone; Slovak Republic; Solomon Islands; Somalia; South Africa; Sri Lanka; Sudan; Suriname; Swaziland; Syrian Arab Republic; Tajikistan; Tanzania; Thailand; Timor-Leste; Togo; Tonga; Trinidad and Tobago; Tunisia; Turkey; Turkmenistan; Uganda; Ukraine; Uruguay; Uzbekistan; Vanuatu; Venezuela; Vietnam; West Bank and Gaza; Yemen, Rep.; Yugoslavia, FR (Serb./Mont.); Zambia; Zimbabwe.



# Wavelets and Statistics meeting report

Anestis Antoniadis, conference organizer,



reports:

The IMS co-sponsored International conference “Wavelets and Statistics 2003: Watering the Seed”

was held on September 4-7, 2003, at Villard de Lans, in the heart of the Vercors, near Grenoble, France. In a way, it was like “closing a circle” after the first conference on this topic held in the same place in 1994. Since then, from a somewhat esoteric topic, wavelet transforms have become a well known and widely used tool in a wide range of statistical and signal processing problems.

The main goal of this meeting was to bring together leading researchers in different areas of wavelets and statistics, to present the current ‘state of the art’, to discuss advantages and limitations of wavelets for various statistical applications and to identify trends for future development.

The keynote talks of the conference were given by **Albert Cohen** (University Pierre et Marie Curie, Paris, France), **David Donoho** (University of Stanford, USA), **Iain Johnstone** (Stanford University, USA), **Stephane Mallat** (Ecole Polytechnique, Palaiseau, France) and **Bernard Silverman** (University of Oxford). There were also 12 invited plenary lectures, 18 contributed talks, and 12 poster presentations.



A few brave participants, including some of the keynote speakers, on a mountain top, in the Vercors



Conference attendees in front of the Grand Hotel de Paris in Villard de Lans.

Among the main topics of the conference were multiscale geometric detection problems; geometric image approximation and estimation; empirical Bayes methods for wavelet thresholding; minimax prediction; maxiset theory; adaptive estimation in non standard settings; functional hypothesis testing; image registration and restoration; and atmospheric time series analyses.

An informal round-table, led by the keynote speakers, stimulated discussions and exchange of ideas among participants. For example, one of the intriguing questions raised at the discussion forum was “Are we going towards a ‘curse of ...lets transforms?’”

A copy of the final program, the complete abstracts, and several pictures taken at the conference location are available at <http://www-lmc.imag.fr/grenoblet2003>.

The participants thanked the organizers for an excellent scientific program, enjoyable social events and a wonderful atmosphere. Everyone seemed to enjoy the

moderate size of the meeting that allowed the participants to know each other and to enjoy informal discussions and meetings. The views of surrounding Alps had also a great impact on the participants.

This conference was jointly organized by University Joseph Fourier of Grenoble (LMC-IMAG) France, Tel Aviv University (Department of Statistics and Operations Research) Israel, Italian National Research Council (Istituto per le Applicazioni del Calcolo ‘Mauro Picone’), University of Cyprus (Department of Mathematics and Statistics) and Georgia Institute of Technology, USA. The conference has been co-sponsored and supported by several Institutions: the Institute of Mathematical Statistics, the Royal Statistical Society, the Centre National de la Recherche Scientifique, the Institut d’Informatique et Mathématiques Appliquées de Grenoble, the University Joseph Fourier, the Institut National de Recherche en Informatique et en Automatique, the French army, the French Mathematical Society and the Italian Consiglio Nazionale delle Ricerche.

# SPRINGER FOR STATISTICS



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R.N. SIMON, E.L. KORN,  
L.M. HOSHAKE, H.D. RADWACHER,  
G.W. WRIGHT, and Y. ZHANG, all  
National Cancer Institute, Bethesda, MD

This book provides a sound preparation for designing

microarray studies that have clear objectives, and for selecting analysis tools and strategies that provide clear and valid answers. The book offers an in-depth understanding of the design and analysis of experiments utilizing microarrays and should benefit scientists regardless of what software packages they prefer. In order to provide all readers with hands on experience in data analysis, it includes an Appendix tutorial on the use of BRB-ArraryTools and step-by-step analyses of several major datasets using this software, which is freely available from the National Cancer Institute for non-commercial use.

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## Coming up in *Statistical Science*



**George Casella, Executive Editor, writes:** The coming issues of *Statistical Science* promise to be quite exciting, and a bit different from the norm. After the February 2003 issue, with the special section on microarray analysis, we have a number of special sections and issues coming up.

The May 2003 issue is a celebration of the **25th Anniversary of the Bootstrap**. It contains overview articles by Davison, Hinkley, Young, Hall and (of course) Efron, and a selection of shorter pieces detailing the impact that the bootstrap has had on all corners of statistics. The issue concludes with a very interesting conversation with Brad Efron.

The August and November 2003 issues also hold some interesting collections. We are presenting a long look at **Statistics and the Environment**, edited by Guest Editor Walter Piegorsch of the University of South Carolina. Walter has lined up a stellar collection of authors (including Berliner, Brillinger, Cressie,

Patil, Ryan, and Solow). These authors comment on and review the important statistical issues relating to the environment. The conversation is with Abdel H. El-Shaarawi, founder of the journal *Envirometrics*, who has done much to bring statistical solutions to important environmental problems.

Also to come is a special **Tribute to John Tukey**, mostly seen through the eyes of his students. There are a number of review pieces commenting on his work, and more personal contributions, which strikingly illustrate the man as teacher and mentor. Many of the contributors found this to be a moving personal experience, and we hope that you do too. The conversation is with John and Elizabeth Tukey, reprinted from the book *The Practice of Data Analysis* (Princeton University Press, 1997).

There are other planned special sections on **Astrostatistics**, **Bayes Then and Now**, **Nonparametrics**, and **Network Traffic**, as well as upcoming articles on ancillarity, combining of information, children's health, and quasi-Monte Carlo methods.

## NSF awards grant to Cornell probability group

The probability groups in Math and ORIE at Cornell has received a substantial five year grant from the Infrastructure Program at the National Science Foundation. Some of the money will be used to provide support for the almost two dozen graduate students doing research in that area. Other aspects of the proposal will benefit researchers (young and old) throughout the country.

A visiting position is available for the 2004-2005 academic year and one or more will be available in subsequent years. This can provide money to supplement a Sloan fellowship or sabbatical, full support for an assistant professor, or with a course or two of teaching for an associate or beginning full professor. Applicants should send a CV and names of two people who can be contacted for more information to Rick Durrett (rtd1@cornell.edu) by January 1, 2004.

Each year we will have two hot topics workshops that will last from a Sunday to mid-day Tuesday. The meetings will be small: 8 speakers and 8 young researchers. Topics for the Spring workshops will be announced soon.

Each summer, beginning in 2005, a two week Summer School in Probability and its Applications will be held at Cornell University.

There will be three main speakers who will give minicourses of 4-6 lectures as well as some shorter lecture series. While there will be some talks by participants, it is intended to keep much of the day free for informal interactions. There will be 20-30 grants covering for local expenses for graduate students and young researchers. The dates for the 2005 summer school are July 10-24.

Greg Lawler (lawler@math.cornell.edu) is leading the organization of the summer school. The choice of speakers and topics for our workshops will be done in consultation with our advisory board that consists of David Aldous, David Heath, Thomas Kurtz, Claudia Neuhauser, Charles Newman, Yuval Peres, Simon Tavaré, and Ruth Williams.

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### Oops...

In the last issue (page 10) we printed a photo of Sallie Keller-McNulty presenting Paul Rosenbaum with his COPSS Award: it was wrongly captioned "Aparna Huzurbazar". Apologies to both of you!





# IMS Laha Travel Award: Call for Applications

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

**Eligibility:** First priority will be given to students, second priority to New Researchers within 2 years of Ph.D. degree at the date of the meeting. Applicants must be members of IMS, though joining at the time of application is allowed. Student membership is free and New Researchers also qualify for substantially reduced rates. To become a member, please see <http://www.imstat.org/membership>

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

**Application Contents:** Please send:

- a) covering letter with contact information (including e-mail address)
- b) title, abstract, a brief 1-2 page summary of the paper to be presented, and one copy of the full paper or a link to a web site

where the paper appears.

c) For students: please include a letter signed by the advisor attesting to the fact that the student is a degree candidate at some point in 2003. For new researchers, please include the month and year of your graduation in the cover letter.

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

For more information, please write to: IMS Laha Award Application, Institute of Mathematical Statistics, PO Box 22718, Beachwood, OH 44122, U.S.A. Or you can fax 1.216.295.5661 [note new fax number] or email [ims@imstat.org](mailto:ims@imstat.org)

## Nominations Sought for the Distinguished Alum Award Department Of Biostatistics, Harvard School Of Public Health

The Department of Biostatistics is proud to announce the establishment of the Distinguished Alum Award. This annual award is in the process of being created by the Alumni Committee, which is comprised of a diverse group of alumni, whose goal is to solicit nominations and subsequently review applicants and choose the winner.

The Distinguished Award will recognize an individual in government, industry, or academia, who by virtue of applications to support of research, methodology and theory, significant organizational responsibility, and teaching have impacted the theory and practice of statistical science. The overall career of the individual will be considered with an emphasis on how the nominee has used their experience to bring out the best in life with research and academics. The award recipient will be invited to deliver lecture on their career and life beyond the Department at the Harvard School of Public Health, for the primary benefit of our students. The recipient will also be presented with a plaque.

Nominations for the first award, to be given in May 2004, should be sent to the Distinguished Award Committee, Dept. of Biostatistics, Harvard School of Public Health, 655 Huntington Ave., Boston, MA 02115. Nominations should include a letter describing the contributions of the candidate, specifically highlighting the criteria for the award, and a curriculum vita. Supporting letters and materials are welcome but not required.

All nominations must be received by **January 31, 2004**.

## The Myrto Lefkopoulou Distinguished Lecture At Harvard School Of Public Health

The annual Myrto Lefkopoulou Distinguished Lecture was initiated in 1993 in memory of Myrto Lefkopoulou, a former beloved faculty member and student in the Department of Biostatistics who died of cancer in 1992 aged 34, after a courageous two-year battle.

Each year the Myrto Lefkopoulou Lectureship is awarded to a promising biostatistical scientist who has made contributions to either collaborative or methodologic research in the applications of statistical methods to biology or medicine and/or excellence in the teaching of biostatistics. Ordinarily, the lectureship is given to an individual within 15 years of receiving an earned doctorate. In the case of nominees without an earned doctorate, the Committee will make a relative adjustment of time in keeping with the spirit of the selection process. The lecture is targeted at a general scientific audience and is the first Department colloquium of each academic year. The lectureship includes travel to Boston, a reception following the lecture, and an honorarium of \$1000.

Previous lecturers have been Marie Davidian, Danyu Lin, Bradley Carlin, Steven Goodman, Giovanni Parmigiani, Kathryn Roeder, Ronald Brookmeyer, Trevor Hastie, Hans-Georg Mueller, Michael Boehnke, and Louise Ryan.

Nominations for next year's lectureship are currently being solicited and should be sent to the Myrto Lefkopoulou Lecture Committee, Department of Biostatistics, Harvard School of Public Health, 655 Huntington Avenue, Boston, MA 02115. Nominations should include a letter of nomination and a C.V. The deadline for submission of nominations is **March 15, 2004**.

# 2004 COPSS Awards: Call for Nominations

The Committee of Presidents of Statistical Societies (COPSS) Awards are jointly sponsored by the American Statistical Association, the Institute of Mathematical Statistics, the Biometric Society ENAR, the Biometric Society WNAR, and the Statistics Society of Canada. Below is the call for nominations for this year's COPSS awards that will be awarded at the 2004 Joint Statistical Meetings. Additional information for all of the awards can be found at the COPSS website: <http://www.niss.org/copss>

## Presidents' Award

The Presidents' Award is presented annually to a young member of one of the participating societies of COPSS. The award is presented in recognition of outstanding contributions to the statistics profession. The Presidents' Award is granted to an individual who has not yet reached his or her 41st birthday during the calendar year of the award. The award was established in 1976 and consists of a plaque and a cash award.

Nominations should include a current vitae, nominee's date of birth, a nomination letter (up to three pages), and up to five supporting letters. Nominations should be sent by **January 15, 2004**, to:

Stephen E. Fienberg  
Laboratoire de Statistique, CREST  
Timbre J340, INSEE  
75675 Paris cedex 14, France  
Tel: +336-03102516  
Email: [fienberg@stat.cmu.edu](mailto:fienberg@stat.cmu.edu)  
(The street address for FedEx/UPS delivery is: Laboratoire de Statistique, Bureau E20, CREST, ENSAE, 3 avenue Pierre Larousse, 92140 Malakoff, France)

## The Fisher Lecturer Award

The Fisher Lecture was established in 1963 by COPSS, to honor the contributions of the late Sir Ronald Aylmer Fisher and a current statistician on aspects of statistics and probability that closely relate to the scientific collection and interpretation of data. These are areas in which Fisher made outstanding contributions. The award exists to recognize the importance of statistical methods for scientific investigations. It includes a certificate and a cash prize.

Nominations should be sent by

**November 15th 2003**, to:

Chair: Prof. Chris Field  
Department of Mathematics and Statistics  
Dalhousie University  
Halifax NS B3H 3J5  
Canada  
Phone: (902) 494-3339  
Email: [field@mathstat.dal.ca](mailto:field@mathstat.dal.ca)

## Elizabeth L. Scott Award

The Elizabeth L. Scott Award is presented biennially (in even years) to recognize an individual who exemplifies the contributions of Elizabeth L. Scott's lifelong efforts to further the careers of women in academia by developing programs to encourage women to seek careers in statistics, by successfully mentoring women students or new researchers, by working to identify gender-based inequities in employment, and/or by serving in a variety of capacities as a role model.

The award is open to all, regardless of age, race, gender, sexual orientation, nationality or citizenship. Nominees must be living at the time of their nomination. Nominations may be made by members of any of the COPSS affiliated organizations. Prior nomination does not exclude a nominee from consideration in subsequent years. No member of the Award Committee or member of COPSS shall be eligible to receive the award during his or her term of service. Eligible nominations shall be based on a nomination letter, letters of support, curriculum vitae, and other appropriate documentation as requested by the Award Committee. The award consists of a plaque, a citation, and a cash honorarium. Nominations should be sent by **January 15, 2004** to:

Committee Chair: Prof. Mary Ellen Bock  
Department of Statistics  
Purdue University  
150 N. University Street  
West Lafayette, IN 47907-2068  
Phone: (765) 494-3141  
Email: [mbock@stat.purdue.edu](mailto:mbock@stat.purdue.edu)

## 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)**

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# LECTURE NOTES – MONOGRAPH SERIES



**LNMS 43**

## Crossing Boundaries: Statistical Essays in Honor of Jack Hall

*John E. Kolassa and David G. Cook, Editors*

The manuscripts in this volume represent some of the research presented at *The Symposium in Honor of the 70th Birthday of W. Jackson Hall*. This conference was held on September 25-26, 1999, at the University of Rochester in Rochester, New York.

This work reflects Jack's interest in many areas of mathematical statistics, including reliability, decision theory, randomization tests, sequential analysis, large-sample theory, semiparametric inference, Bayesian methods and ROC curve analysis. Applications are given to a wide variety of disciplines, including medical device trials, health care resource management, oncology, data mining and information processing.



*Speakers Hall (seated, second row) and organizers (standing, second row) of LNMS 43. Kolassa and Cook (seated, 1st row).*

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# Institute of Mathematical Statistics

## Nomination Form for Fellow

Please send completed form and documentation to:

Committee on Fellows

c/o Elyse Gustafson, IMS Executive Director

3163 Somerset Drive

Shaker Heights OH 44122

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

### Qualifications for Fellowship:

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

### Nomination Materials:

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

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

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

Please type or print

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

**Date of birth**    \_\_\_\_\_

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

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

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

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

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**6. Comments**

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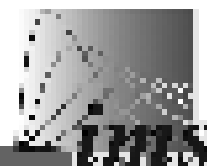
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# *New Directions in Probability Theory*

August 6–7, 2004

Fields Institute, Toronto, Canada

The meeting *New Directions in Probability Theory* will take place on August 6–7, 2004; it is co-sponsored by the Institute of Mathematical Statistics (IMS) and the Fields Institute for Research in Mathematical Sciences. The meeting immediately precedes the Joint Statistical Meetings, August 8–12, 2004 (co-sponsored by ASA, IMS, IMA, WMAA, SSC). It will take place on Friday/Saturday and will be held at the Fields Institute.

The meeting consists of five sessions and four one-hour lectures, of which two are IMS Medallion Lectures. It is intended for a general probability and hence interested in recent developments in probability theory.

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

## **Sessions:**

Random Walks with Self-Repulsion  
Random Matrices  
Random Media  
Superprocesses  
Markov Chains and Algorithms

## **Speakers:**

Guy Loefer, Cornell University  
Craig Tracy, University of California, Davis  
Mike Quastel, University of Rochester  
Tom Salisbury, York University  
Robin Pemantle, Michigan State University

## **One-Hour Lectures:**

Kurt Johansson, Royal Tekniska Högskolan, Sweden (IMS Medallion Lecture)  
Guy Loefer, Cornell University  
Craig Tracy, University of California, Davis  
Hong-Tao Yau, Courant Institute of Mathematical Sciences, New York University (IMS Medallion Lecture)

Program Organizer: Harry Kesten, University of Minnesota; Local Organizers: Jeremy Quastel, University of Toronto, Jeffrey Rosenthal, University of Toronto, Tom Salisbury, York University

More details at <http://www.ims.stat.org/meetings/NDPT/>

Sponsored by the Institute of Mathematical Statistics  
and the Fields Institute for Research in Mathematical Sciences.

# IMS Meetings around the world

## Barcelona: 67th IMS Annual Meeting 2004

### World Bernoulli Congress

### Held in conjunction with the 67th IMS Annual Meeting

July 26-31, 2004

Barcelona, Spain

<http://www.imub.ub.es/events/wc2004/index.html>

We are glad to announce all plenary and invited session speakers. Please browse the website for all recent information. In particular, you can now submit your abstracts for contributed talks through the web page of the congress, register and make hotel reservations.

Please also note that we have a limited number of grants provided by European Union grants for young researchers of the European Community. Specific information about these grants appear in the News section of the congress webpage.

We encourage you to make early hotel reservations as during the year 2004 we will also host in Barcelona the Forum 2004, a venue for multicultural events and discussions on global issues. The Forum 2004 is also a sponsor of the Bernoulli Congress.

Also during July the tourist season is at its peak so we foresee that the number of low priced hotel rooms will be limited. In tune with the season we have programmed various visits in Barcelona and to Figueras (house of the Dali museum). Also we have various receptions and one congress gala dinner that we encourage you to participate to taste the local dishes.

We remain at your disposal if you need any further help or special assistance: contact email [wc2004@imub.ub.es](mailto:wc2004@imub.ub.es)

Looking forward to see you in Barcelona!

*David Nualart, Chair of the Organizing Committee*

### Abstracts Submission Now Open:

Mathematical scientists are invited to propose contributed talks or posters for the Conference. Authors of such contributions are expected to send an abstract.

The abstracts must be written in LaTeX, using the template `abst.tex` which is available from <http://www.imub.ub.es/events/wc2004/> (do not use any personal macros) and sent to Local Organising Committee electronically ([abstracts04@imub.ub.es](mailto:abstracts04@imub.ub.es)) indicating if it is a talk or a poster. The abstract length must not exceed half a standard A4 sheet of paper.

Deadline for submitting abstracts: **February 10th, 2004**. Acceptance will be notified by April 8th, 2004.

### Financial Support

Funding is available from two sources:

- ❶ Laha Awards: for students and new researchers: see page 14 for details, or [www.imstat.org/awards](http://www.imstat.org/awards) (Deadline: **February 20, 2004**).
- ❷ Grants detailed below will provide support towards travel and/or accommodation (refunded after the congress) and/or registration, for EU researchers. Deadline: **March 15, 2004**. Notification: April 7, 2004  
See the website for more information and grant application forms: <http://www.imub.ub.es/events/wc2004/news.html>



### Special invited lectures

Iain Johnstone (IMS Wald Lectures, 3 sessions)

Peter Bickel (IMS Rietz Lecture): *The frontiers of statistics and computer science*

### IMS Medallion Lectures:

Alison Etheridge: *Some mathematical problems from population genetics*

Evarist Giné (University of Connecticut): *Recent results on asymptotics of kernel density estimators*

Vladimir Koltchinskii: *Data Dependent Complexities and Oracle Inequalities in Statistical Learning Theory*

Cun-Hui Zhang: *Title TBA*

### Bernoulli Lectures:

David Aldoux (Kolmogorov Lecture): *Scaling exponents and random combinatorial optimization: fifteen variations on the Beardwood-Halton-Hammersley theorem.*

Wendelin Werner (Lévy Lecture)

Jun Liu (Bernoulli Lecture)

Steffen Lauritzen (Laplace Lecture)



**IMS/BS 2004:****Program of invited sessions and organizers:**

<i>Biological networks - modelling and inference</i>	Marianne Huebner
<i>Inference for dynamical spatial/temporal models</i>	Valerie Isham
<i>Mathematical finance</i>	Nizar Touzi
<i>Modeling spatial and temporal dependence for extremes</i>	Richard A. Davis
<i>Statistical genetics</i>	David Clayton
<i>Statistics in molecular biology</i>	Terry Speed
<i>Statistical methods in brain mapping</i>	Keith Worsley
<i>Statistics in finance and econometrics</i>	Yacine Ait-Sahalia
<i>The interface of insurance and finance</i>	Ragnar Norberg
<i>Brownian motion</i>	Yuval Peres
<i>Coalescents, coagulation and fragmentation</i>	Jean Bertoin
<i>Concentration inequalities</i>	Sergey Bobkov
<i>Conformal invariance and stochastic Loewner evolutions</i>	Wendelin Werner
<i>Large deviations</i>	Erwin Bolthausen
<i>Measure-valued processes and SPDE</i>	Jean Francois LeGall
<i>Metastability</i>	Frank den Hollander
<i>Mixing of finite Markov chains</i>	Dana Randall
<i>Percolation, statistical mechanics, interacting particle systems</i>	Agoston Pisztor
<i>Probability on graphs</i>	Jeff Steif
<i>Random Matrices and Related Processes I</i>	Alexander Soshnikov
<i>Random Matrices and Related Processes II</i>	Alan Edelman
<i>Random walks in random environments and random media</i>	Nina Gantert
<i>Function estimation</i>	Alexandre Tsybakov
<i>Applications of particle filtering in statistics</i>	Arnaud Doucet
<i>Causality and multi-stage decision problems</i>	Jamie Robins
<i>Dimension reduction for high dimensional data</i>	Ker-Chau Li
<i>False discovery rates</i>	Felix Abramovich
<i>Model choice and goodness of fit in nonparametrics</i>	Winfried Stute
<i>Machine learning in complex structures</i>	Peter Bartlett
<i>Nonparametric analysis for time series</i>	Qiwei Yao
<i>Statistical analysis of point processes</i>	Rick Shoenberg
<i>Statistical inference for stochastic differential equations</i>	Mathieu Kessler
<i>Function space valued modeling</i>	Anestis Antoniadis
<i>Biostatistics</i>	Niels Keiding
<i>Graphical models in statistics</i>	Thomas Richardson

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

**ENAR/IMS Eastern Regional****March 28-31, 2004****Pittsburgh, PA**<http://www.stat.uchicago.edu/~nicolae/ims/>

The IMS Eastern Regional meeting will be held jointly with the spring meeting of the International Biometric Society, Eastern North American Region (ENAR) and sections of American Statistical Association (ASA) during March 28-31, 2004, at Hilton Pittsburgh, Pittsburgh, PA.

Pittsburgh is located at the meeting of three sparkling rivers and surrounded by the rolling green hills of Western Pennsylvania. It is a city of over 700 bridges and more than a million residents. Pittsburgh is home to 31 colleges and universities, including the University of Pittsburgh and Carnegie Mellon University, several major medical centers, and the Pittsburgh Technology center. The climate in late March will be sunny with cool temperatures (average temperatures in the 50's). IMS Program Chair: Dan Nicolae, Department of Statistics, University of Chicago, Chicago, IL

e-mail: [nicolae@galton.uchicago.edu](mailto:nicolae@galton.uchicago.edu), Phone: 773-702-4837, Fax: 773-702-9810

ENAR Program Chair: Tom Ten Have, University of Pennsylvania, e-mail: [ttenhave@cceb.upenn.edu](mailto:ttenhave@cceb.upenn.edu), Phone: 215-573-4885

ENAR Local Arrangements Co-Chairs: Joyce Chang, University of Pittsburgh, e-mail: [changjh@msx.upmc.edu](mailto:changjh@msx.upmc.edu), Ada Youk, University of Pittsburgh, e-mail: [ayouk+@pitt.edu](mailto:ayouk+@pitt.edu)

**Important Date: November 15, 2003:** abstracts must be submitted through the ENAR website: <http://www/enar.org/meetings.htm>. This is a firm deadline and cannot be extended.

**IMS Invited Sessions:**

1. *Statistics and Neuroscience*. Organizer: Rob Kass, Carnegie Mellon
2. *New advances in nonparametric statistics*. Organizer: Wei Biao Wu, University of Chicago
3. *Bayesian Methods in Survival Analysis*. Organizer: Radu Craiu, University of Toronto
4. *Environmental Statistics*. Organizer: Tilmann Gneiting, University of Washington.
5. *Information related problems in biology*. Organizer: Xiao-Li Meng, Harvard University
6. *Analysis of Intensively Collected Data*. Organizers: Richard Li and Joe Schaffer, Penn State
7. *Statistical Genetics - Modeling Interaction and Multilocus Analyses*. Organizer: Lei Sun, University of Toronto
8. *Stochastic modeling and inference in science*. Organizer: Samuel Kou, Harvard University

# More IMS Meetings around the world

## IMS Co-sponsored Meeting:

### 2004 Joint Statistical Meetings

August 8 - 12, 2004

Toronto, Ontario, Canada

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

### IMS Contributed Paper Sessions

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

#### 1. Topic Contributed Paper Sessions:

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

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

information for the five speakers; and the titles of the five papers. The organizer should also ensure each of the five speakers provides a draft manuscript of their talk to the session chair by June 1, 2004.

#### 2. Topic Contributed Panel Sessions:

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

To organize an IMS sponsored topic contributed panel session, you must list the panelists and submit a single abstract before the **February 4, 2004** deadline. Each panelist must provide a non-refundable registration payment before this deadline. Before the abstract is submitted, the organizer should provide the IMS Contributed Session Chair, Tim Swartz, with: the proposed topic contributed panel session; contact information for the organizer; and contact information for the speakers.

#### 3. Regular Contributed Paper Sessions:

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

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

## IMS sponsored meeting

### Seminar on Stochastic Processes 2004

May 20-22, 2004

University of British Columbia, Vancouver, Canada

The Seminar on Stochastic Processes 2004 will be held at the University of British Columbia, Vancouver, B.C., Canada, from May 20-22, 2004. As is traditional, there will be five **invited speakers**: **Rene Carmona** (Princeton); **Robert Dalang** (EPF Lausanne); **Alice Guionnet** (Ecole Normale Supérieure de Lyon); **Yves Le Jan** (Orsay); **Balint Virag** (University of Toronto). Further information will be available at <http://www.pims.math.ca/science/2004/ssp>. For information on previous SSP meetings see the archives: <http://www.math.yorku.ca/Probability/ssparch.html>. Local organizers: Martin Barlow, Anders Holroyd, Vlada Limic, Ed Perkins.

## IMS co-sponsored meeting

### The Sixth ICSA International Applied Statistics Conference

July 21-23, 2004, Singapore

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

The Sixth International Chinese Statistical Association Applied Statistics Conference will be held at the National University of Singapore (NUS), Singapore: IMS Representative: Louis H.Y. Chen

## IMS Co-sponsored meeting

### WNAR/IMS Western Regional

June 27-30, 2004

### **NB INCORRECT DATES PREVIOUSLY PRINTED** Albuquerque, New Mexico

Program Chair: Jason Fine, (Univ of Wisconsin), [fine@biostat.wisc.edu](mailto:fine@biostat.wisc.edu). Local Arrangements Chair: Gabriel Huerta (Univ. of New Mexico), [ghuerta@stat.unm.edu](mailto:ghuerta@stat.unm.edu). Type: Sponsored/Numbered (287)

## IX CLAPEM

IMS Co-sponsored meeting

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

Punta del Este, Uruguay

March 22 to 26, 2004

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



The Latin American Region of the Bernoulli Society and the Universidad de la República (Montevideo, Uruguay) are

pleased to announce the IX CLAPEM, to be held in Punta del Este, Uruguay.

Planned academic activities include the following:

#### Short courses:

Víctor de la Peña (USA), Simon Tavaré (USA), Hermann Thorisson (Iceland), Aad van der Vaart (Holland), Nanny Wermuth (Germany) and David Cox (UK). The opening lecture will be given by Yuval Peres (USA).

#### Invited speakers:

Miguel Abadi (Brazil), Jean Bertoin (France), Rolando Biscay (Cuba), Tom Britton (Sweden), Alejandra Cabaña (Venezuela), Juan Cuesta-Albertos (Spain), Antonio Cuevas (Spain), Eustasio del

Barrio (Spain), Georgina Flesia (USA), Michel Ledoux (France), José Rafael León (Venezuela), Marc Lavielle (France), Gabor Lugosi (Spain), Enno Mammen (Germany), Servet Martínez (Chile), Dan Rabinowitz (Israel), Laurent Saloff-Coste (USA), Mark van der Laan (USA), Maria Eulalia Vares (Brazil), Víctor Yohai (Argentina).

#### Contributed talks and contributed posters

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

#### Conference site, housing, transportation

The conference will take place in the Hotel San Rafael in Punta del Este. A conference package that includes room and breakfast for conference participants has been arranged. See the hotel website at <http://www.hotelsanrafael.com.uy>



#### Travel grants

Limited funding will be available to help participants with travel and local expenses. Preference will be given to students and

young researchers who present their work at the meeting.

#### Organizers

##### Scientific Committee:

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

##### Local Committee:

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

#### Contact us

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

#### IMS sponsored mini-meeting:

### Statistics in Social Science and Agricultural Sciences

December 20-21, 2003

Santiniketan, India

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

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

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

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

## IMS Sponsored Meeting



## The Seventh North American New Researchers Conference

**August 4-6, 2004** (Just before JSM)

York University  
Toronto, Canada

**Conference objective:**

To promote interaction among new Statistics researchers, by introducing them to each other's research in an informal setting.

**Who is eligible:**

Anyone who has received their PhD since 1999 in Statistics or a related field is eligible to attend. All participants are expected to present a short talk or poster on their research.

**Abstract Deadline:**

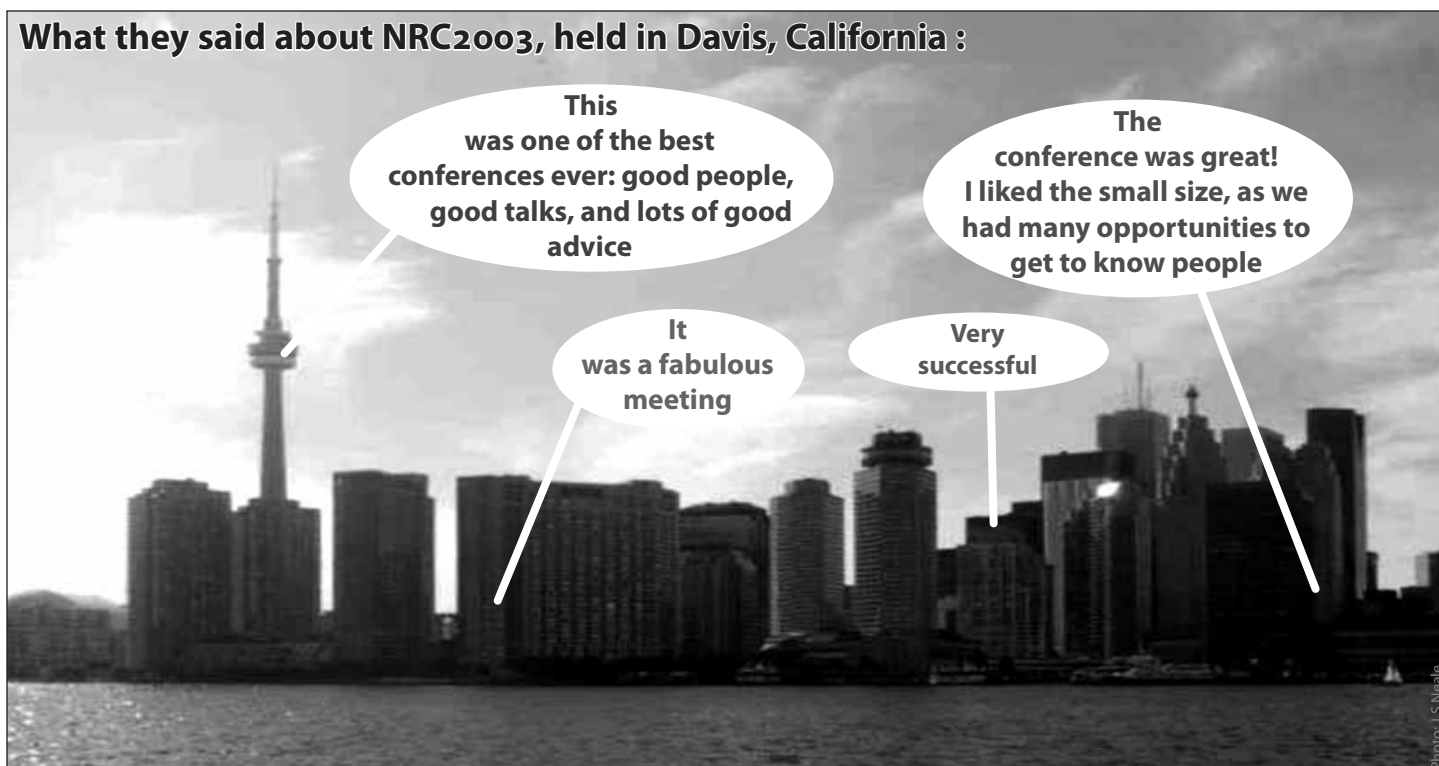
February 1, 2004

**For more information:**

Peter Song (Program Chair), York University  
song@mathstat.yorku.ca

**<http://www.math.yorku.ca/StatsSection/NRC>**

### What they said about NRC2003, held in Davis, California :





**IMS Sponsored Mini-meeting****Joint IMS-SRMS Mini Meeting on Current Trends in Survey Sampling and Official Statistics****January 2-3, 2004****Calcutta, India**<http://www.jpms.umd.edu/ims>

Co-sponsored by IMS, the Survey Research Methods Section of the American Statistical Association, U.S. Census Bureau, Gallup Research Center at the University of Nebraska-Lincoln and the Department of

Statistics at the University of Calcutta.

The mini meeting is intended to serve as a bridge between mathematical statisticians and practitioners working on sample surveys and official statistics either in government or private agencies.

If you are interested in presenting your paper at the meeting, please contact Partha Lahiri at [plahiri@survey.umd.edu](mailto:plahiri@survey.umd.edu). Local information can be obtained from Tathagata Banerjee at [btathaga@yahoo.com](mailto:btathaga@yahoo.com)

**IMS Co-sponsored Meeting:****International Workshop in Applied Probability: IWAP 2004****22–25 March, 2004****University of Piraeus, Greece**

Co-chair and IMS Rep: Joseph Glaz [glaz@uconnvm.uconn.edu](mailto:glaz@uconnvm.uconn.edu). Information at <http://mefast.sta.unipi.gr/iwap2004/index.htm>

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

An AMS-IMS-SIAM Joint Summer Research Conference

on “Gaussian Measure and Geometric Convexity” will take place at the Snowbird Resort, Utah, July 17–24, 2004. The Organizing Committee is K. Ball, V. Milman, A. Pajor, R. Schneider, R.A. Vitale (ch), and W. Weil.

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

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

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

### “MCM Ski”: The Past, Present, and Future of Gibbs Sampling

Wednesday, January 12 to Friday, January 14, 2005



The second joint international meeting of the IMS (Institute of Mathematical Statistics) and ISBA (International Society for Bayesian Analysis) will be held in Bormio, Italy (home of the world ski championships). A central theme of the conference will be Markov chain Monte Carlo (MCMC) and related methods and applications in the 15 years since the publication of Gelman and Smith (1990, JASA), the paper that introduced these methods to mainstream statisticians. The conference will also feature 3 plenary speakers and 8 invited sessions from internationally known experts covering a broad array of current and developing statistical practice. As with the first joint IMS-ISBA meeting in Isla Verde, Puerto Rico, nightly poster sessions will offer substantial opportunity for informal learning and interaction.

Bus (exact times to be determined) will be organized to bring participants to the conference site from Malpensa Airport in Milan (approx. 3-3.5 hour ride) on Tuesday, January 11, 2005, and again to return to Malpensa on Saturday, January 15 and Sunday, January 16.

**Plenary Speakers:**

Peter Diaconis, Stanford University  
Alan Gelman, Duke University  
Sylvia Richardson, Imperial College London

**Program Committee:**

Brod Corbin, University of Minnesota, Co-Chair  
Antonietta Mira, University of Insubria, Co-Chair  
Steve Brooks, Cambridge University  
Alberto Rivera, North Carolina State University  
Paolo Giudici, University of Pavia  
Giovanni Paniglieri, Johns Hopkins University

**Tentative Daily Schedule:**

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

Conference center: [http://www.alpicenter.com/Inglese/centro\\_congressi.html](http://www.alpicenter.com/Inglese/centro_congressi.html)  
City and ski area: [www.bormio.com](http://www.bormio.com), <http://www.gasli.com/rit/bormio.htm>  
Hotel Santanton: <http://www.santanton.com>

For more information please watch the conference website:  
<http://acc.unimib.it/webdocenti/IMS-ISBA-05/>

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

## **MMR2004: Fourth International Conference on Mathematical Methods in Reliability Methodology and Practice June 21-25, 2004 Santa Fe, New Mexico**

<http://www.stat.lanl.gov/MMR2004/index.htm>

The Los Alamos National Laboratory (LANL) in conjunction with the National Institute of Statistical Sciences (NISS) is hosting this bi-annual conference at the Hilton in Santa Fe. The MMR conferences serve as a forum for discussing fundamental issues on mathematical methods in reliability theory and its applications. It is a forum that brings together mathematicians, probabilists, statisticians, and computer scientists from within a central focus on reliability. This international conference is the fourth in the series and the first time it

will take place in the United States.

**Session Topics:** Bayesian Networks, Best of IEEE Reliability, Competing Risks, Dependability Modelling Using Petri Nets, Degradation, Lifetime Data Analysis, Markov and Semi-Markov Modeling, Fault Tolerance and Controllable Reliability Systems, Network/Communications Reliability, Topics in Software Reliability, Predictive Maintenance, Quality and Reliability, Reliability Analysis and Optimization of Multi-State Systems, Reliability in Defense, Repairable Systems, New Researcher Highlights, Application of Reliability Models in Industry, Order Restricted Inference

Contributed abstracts are due **February 1, 2004**. Go to <http://www.stat.lanl.gov/MMR2004/index.htm> for more information.

**Chairmen:** Sallie Keller-McNulty, Chairman, LANL; Alyson G. Wilson, Co-Chairman, LANL  
**Scientific Program Committee:** Henry Wynn, London School of Economics; Bo Henry Lindqvist, Norwegian U. of Science and Technology; Nikolaos Limnios, U. de Technologie de Compiègne; Roger M. Cooke, Delft U. of Technology; Min Xie, National U. of Singapore; Mei-Ling Ting Lee, Channing Laboratory, Harvard Medical School; Edsel A. Pena, U. of South Carolina; Michael J. LuValle, OFS Laboratories; Mikhail Nikulin, U. Victor Segalen Bordeaux-2; Vijay Nair, U. of Michigan; Francisco J. Samaniego, U. of California; Kjell Doksum, U. of Wisconsin; Catherine Huber, U. of Paris-5; Vladimir Rykov, Gubkin Russian Oil & Gas University; Jerry Lawless, U. of Waterloo; Dumitru Cezar Ionescu, U. Politehnica, Bucharest; Alan F. Karr, Director, National Institute of Statistical Sciences  
**Plenary Speakers:** Timothy Bedford, Strathclyde University; Vicki Bier, University of Wisconsin-Madison; Michael Hamada and Todd Graves, Los Alamos National Laboratory; Thierry Duchesne, Université Laval; Edsel Pena, University of South Carolina; Valentin Solev, Steklov Institute of the Russian Academy of Sciences; Henry Wynn, London School of Economics

## **Workshop on Statistics in Functional Genomics June 27 to July 2, 2004, Ascona, Switzerland**

[http://www.stat.math.ethz.ch/talks/Ascona\\_04](http://www.stat.math.ethz.ch/talks/Ascona_04)

Functional genomics is concerned with assigning biological function to DNA sequences. Innovative approaches, such as the cDNA and oligonucleotide microarray technologies, have been developed to yield information about gene expression levels for entire genomes. Analysis of large, complex data sets resulting from biological experiments yielding such data has generated many research problems for modern statistics. The purpose of the workshop is to bring together participants from statistics, computational science, bioinformatics and biology, and to encourage interaction among them. The invited speakers include: *Philip Brown (Kent), Sandrine Dudoit (Berkeley), Robert Gentleman (Harvard), Othmar Pfannes (GeneData), Sylvia Richardson (Imperial College), Terry Speed (Berkeley), Martin Vingron (Max Planck Institute), Anja Wille (ETH Zurich)*. Organisers: Peter Bühlmann (ETH Zurich), Anthony Davison (EPF Lausanne), Darlene Goldstein (ISREC, Lausanne). Contact Christina Künzli: [kuenzli@stat.math.ethz.ch](mailto:kuenzli@stat.math.ethz.ch); Seminar für Statistik, LEO D 11, Leonhardstrasse 27, 8092 Zürich, Switzerland. Phone: +41 1 632 3438; Fax: +41 1 632 1228

## **The Thirteenth International Workshop on Matrices and Statistics, in Celebration of Ingram Olkin's 80th Birthday 18-21 August 2004**

### **Bedlewo, near Poznan, Poland**

The Workshop will be held in Bedlewo, in the Mathematical Research and Conference Center of the Polish Academy of Sciences, with accommodation on site.

The purpose of this 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 include the presentation of invited and contributed papers on matrices and statistics. A special session for graduate students will also be arranged.

It is expected that many of these papers will be published, after refereeing, in a Special Issue of *Linear Algebra and its Applications* associated with this Workshop.

For further information contact Augustyn Markiewicz by e-mail at [amark@owl.au.poznan.pl](mailto:amark@owl.au.poznan.pl) or please visit the website <http://matrixo4.amu.edu.pl/>

### **International Workshop/Conference on Bayesian Statistics and its Applications January 6-8, 2005**

#### **Banaras Hindu University, Varanasi, India**

The Department of Statistics, Banaras Hindu University, is organizing this workshop and conference as a follow up to the Bayesian conference/workshop at the Indian Statistical Institute, Kolkata, in January, 2003. The workshop/conference is co-sponsored by the International Society for Bayesian Analysis, the Indian Bayesian Society and the Indian Chapter of International Society for Bayesian Analysis.

Topics: Environmental and Spatial Statistics; Survival Analysis and Epidemiology; Bayesian Biostatistics; Image Analysis; Objective Bayesian methods; Methods for high or infinite dimensional data; Bayesian Econometrics; Markov chain Monte Carlo Methods and their advancements; Official statistics or survey sampling; Bayesian Reliability, etc. Invited sessions on these topics will be spread over three days. We also welcome contributed papers.

The details of the announcement can be seen on the ISBA web page <http://www.bayesian.org/>

**Contact Address:** S.K. Upadhyay, Convener, International Workshop/Conference on Bayesian Statistics and its Applications; Department of Statistics, Banaras Hindu University, Varanasi-221 005, India. [skupadhaya@satyam.net.in](mailto:skupadhaya@satyam.net.in) or [sku@bhu.ac.in](mailto:sku@bhu.ac.in)  
Phone: (91-542) 2307330 (Off.); (91-542) 2214000 (Res.); +919415354101 (Mob.)

### **2nd International Conference on Soft Methods in Probability and Statistics: SMPS2004 September 2-4, 2004**

#### **Oviedo, Edificio Histórico, SPAIN Program**

<http://web.uniovi.es/SMPS>

Chairs: María Angeles Gil & Miguel López-Díaz (University of Oviedo). Contact: Luis J. Rodríguez-Muñiz, [smps2004@correo.uniovi.es](mailto:smps2004@correo.uniovi.es)

### **22nd International Biometrics Conference**

#### **July 11-16, 2004**

#### **Cairns Australia**

<http://www.ozaccomm.com.au/cairns2004/>

#### **Travel Support:**

Funding is anticipated from Federal funding agencies for travel support for US-based academic scientists who are young investigators or have an official capacity, to attend the upcoming 22nd International Biometrics Conference to be held in Cairns Australia, July 11-16, 2004. Women, minority, and other traditionally under-represented investigators are especially encouraged to apply.

Persons who wish to be considered for such support should contact Lynne Billard, Department of Statistics, University of Georgia, Athens, GA 30602; phone: 706-542-3281; FAX 706-542-3391; email [lynne@stat.uga.edu](mailto:lynne@stat.uga.edu)

Please provide details such as your role (invited speaker, contributed paper, session organizer, committee member, etc.), an estimate of your anticipated expenses, and a brief vita; also indicate whether or not you have applied elsewhere for support and give relevant details. Young investigator applicants should also provide a brief statement indicating how they feel attending this IBC will enhance their careers. This information should be received by **May 5, 2004** (at the above address; electronic applications will be sufficient), but preferably as soon as possible.

### **International Conference on Analysis of Genomic Data**

#### **May 10-11, 2004**

#### **Conference Center, Harvard Medical School**

For more information, please check the conference website: <http://www.amstat.org/chapters/boston/genomic/Main.htm>

### **Workshop on Recent Advances in Time Series Analysis**

#### **June 9-12, 2004, Protaras, Cyprus**

<http://www.ucy.ac.cy/~rats/>

Contact: Theofanis Sapatinas, University of Cyprus: [t.sapatinas@ucy.ac.cy](mailto:t.sapatinas@ucy.ac.cy)

Call for posters

### **International Conference in Memory of Two Eminent Social Scientists: C. Gini and M. O. Lorenz**

#### **23-26 May 2005, University of Siena, Italy**

The University of Siena, Italy, will host this International Conference to commemorate C. Gini and M. O. Lorenz Centenary Scientific Research.

The Organizing Committee invites specialists to present papers in the field of Income and Wealth Distributions, Lorenz Curve, Human Capital, Inequality and Poverty. A proposal should include: title of the paper, abstract, names of the participants, institutional affiliation, address, e-mail, phone and fax number. The language of the meeting will be English, and the abstract should also be submitted in English. It is planned to publish a book with the papers selected after refereeing.

Contact Prof. Achille Lemmi, Chairman Organizing Committee:

### **ISI 2005: 55th Biennial Session**

#### **Sydney, Australia**

#### **April 5-12, 2005**

Contact - Annette Hants, [isi2005@tourhosts.com.au](mailto:isi2005@tourhosts.com.au)

<http://www.tourhosts.com.au/isi2005>

## ANNOUNCEMENT: Summer Internships in Probability and Stochastic Processes

### Department of Mathematics, University of Wisconsin–Madison

Funding has been requested from the National Science Foundation to continue the Summer Internship Program in Probability at the Department of Mathematics, University of Wisconsin–Madison. The objective of the program is to stimulate and enhance the scientific development of capable young researchers, and will be expanded to include graduate students sufficiently well prepared to benefit from the lectures and the research environment of the program. Opportunities will be provided for day-to-day interaction with senior researchers from the University, access to the major research library and other research facilities of the University, opportunities to establish continuing contacts and collaboration with other participants in the program, and advice and support in developing long-term research plans. The program this summer will focus on topics involving the concentration of measure phenomenon, connections to logarithmic Sobolev inequalities, and applications of these ideas to problems in probability. The program will be directed by James Kuelbs and Timo Seppäläinen, UW-Madison.

If funding is approved the program will begin June 21, 2004 and run through August 6. The Intern Program will begin with several lecture series. Additional information regarding the program will be posted at <http://psoup.math.wisc.edu/intern> as it becomes available.

#### WHO MAY APPLY

We expect to have positions for both graduate interns and those with a PhD. In order to apply for a graduate student intern position an applicant must demonstrate through course work, letters of recommendation, or other evidence, that he/she is sufficiently well prepared to benefit from the lecture series and the research activities of the program. This would most normally include at least two semesters of graduate level probability as well as advanced coursework in related areas. Applicants with a PhD must have received their degree in some area of probability or a closely related area of engineering or statistics since January, 1998. Requested funding would support graduate students who are US citizens or permanent residents and PhD candidates who are US

citizens or permanent residents, or who hold a tenure or tenure-track position at a US college or university. Individuals not meeting these criteria are still welcome to apply and we have requested funds to be able to offer a small amount of support for a small number of such participants. Since office space and other resources are limited, all applicants should submit all of the requested materials.

#### SELECTION OF PARTICIPANTS

The following factors will be taken into consideration in selecting the participants for the program:

**Research potential:** Evaluation of research potential will be based on letters of recommendation from experts familiar with the applicant's work, the applicant's description of research interests, and preprints or reprints of completed papers.

**Cohesiveness of the program:** The program is intended to encourage a high level of interaction among the participants. Commonality of interests is, therefore, important. Consequently, the relationship of the applicant's interests to those of other potential participants will be a factor in the selection process; however, participants need not be currently engaged in research in the primary focus area of the program.

**Anticipated benefit to the applicant from participation in the program:** The anticipated value of program participation to the applicant's scientific development will be a factor in the selection of participants. Individuals whose regular position is isolated from active research groups in probability and stochastic processes are particularly encouraged to apply.

*The goal of the National Science Foundation and the mathematical sciences community to increase participation by women and members of minority groups in research in the mathematical sciences.*

#### PARTICIPANT SUPPORT

Several levels of support are expected to be available. For graduate student interns the expected stipend will be \$5000. For PhD level participants who are US citizens or permanent residents or who hold a tenure or tenure-track position at a US college or university, and without other federal research support, the expected stipend and support for relocation

costs and living expenses will be \$7,200. PhD level participants will also receive an additional \$1,100 for research related travel during the summer or the following academic year. Participants with other federal research support will receive \$2,000 support for relocation costs.

#### MATERIALS TO SUBMIT

Applicants should provide the following items. Graduate student applicants may not have a list of publications and reprints, but should provide three letters of recommendation.

- A letter of application describing interest in the program
- A completed application form
- A curriculum vitae including a list of publications
- Two p/reprints (or a URL where these can be found)
- A description of research interests (at most two pages)
- One or two letters of recommendation

Materials may be submitted by e-mail ([pip@math.wisc.edu](mailto:pip@math.wisc.edu)), by FAX (608) 263-8891, or by regular mail: Probability Intern Program, C/O Peggy Conklin, Department of Mathematics, University of Wisconsin-Madison, 480 Lincoln Drive, Madison, WI 53706-1388

#### APPLICATION DEADLINE

All materials must be received by **March 1, 2004** in order to ensure full consideration. Selection of participants should be completed by April 1. Interested individuals with pending proposals for other federal support should still apply. If selected for participation, such an applicant's level of support will be determined after the federal agency decision on the pending proposal.

#### HOUSING

Assistance will be provided to participants in locating appropriate housing for the period of the program.

#### FURTHER INFORMATION

For application forms and administrative information write to the above address, e-mail [pip@math.wisc.edu](mailto:pip@math.wisc.edu), or surf <http://psoup.math.wisc.edu/intern>. For other information about the program contact James Kuelbs [kuelbs@math.wisc.edu](mailto:kuelbs@math.wisc.edu)

## Advertisement

## The Mathematical Biosciences Institute at The Ohio State University announces:

### 2003-2004 Scientific Program

#### Mathematical Modeling of Cell Processes

*September, 2003 – August, 2004*

The common theme of the year is how cells respond to, and influence, their environment with topics ranging from cell growth and death, to intercellular and intracellular communication, to the behaviors of large populations of cells such as found in the immune system.

#### Cell Proliferation - Autumn Quarter, 2003

*Sept. 2-5, 2003:* Tutorial on "The Cell Cycle" (Speakers include: John Tyson, Bela Novak, and David Axelrod)

*Sept. 29-Oct. 3, 2003:* Workshop 1 – "Control of "Cell Growth, Division, and Death" (Organizers: Jessie Au and Baltazar Aguda)

*Nov. 10-14, 2003:* Workshop 2 – "Mathematical Models of Cell Proliferation and Cancer Chemotherapy" (Organizers: Jessie Au and Marek Kimmel)

*Nov. 17-19, 2003:* Mini-Workshop: "Mathematical Challenges Arising in Cancer Models" (Organizers: Avner Friedman and Marek Kimmel)

#### Mathematical Modeling and Signal Transduction - Winter Quarter, 2004

*January 5-9, 2004:* Tutorial on "Signal Transduction I"

*January 26-30, 2004:* Workshop 3 – "Signal Transduction I; The Many Roles of Calcium" (Organizers: James Sneyd and Mike Sanderson)

*February 16-19, 2004:* Tutorial on "Signal Transduction II"

*March 8-12, 2004:* Workshop 4 – "Signal Transduction II; Muscles and Motility" (Organizers: James Sneyd and Ed Pate)

#### Immune Models and Host-Pathogen Dynamics - Spring Quarter, 2004

*May 6-7, 2004:* Tutorial on Immunology and Intracellular Processes (Speakers include: Denise Kirschner and Tom Kepler)

*May 10-14, 2004:* Workshop 5 – "Immunology Models: Cell Signaling and Immune Dynamics" (Organizer: Denise Kirschner, Jennifer Linderman, and Sergei Pilyugin)

*June 17-18, 2004:* Tutorial on "Pathogens and Host-Pathogen Interaction" (Speakers include: Denise Kirschner and others)

*June 21-25, 2004:* Workshop 6 – "Modeling Host-Pathogen Interactions" (Organizers: Denise Kirschner and Tom Kepler)

#### Summer Program - July 19 - August 6, 2004

This educational program consists of a 1-week tutorial and a 2-week team project. The participants include graduate students and college teachers. The tutorial and projects will focus on cell processes and signal transductions.

### 2004-2005 Scientific Program

#### Genomics, Proteomics, Bioinformatics

##### Autumn Quarter 2004

- ❖ "Analysis of Gene Expression Data: Principles and Applications"
- ❖ "Regulatory Networks"

##### Winter Quarter 2005

- ❖ "Computational Proteomics and Mass Spectrometry"
- ❖ "Emerging Genomic Technologies and Data Integration Problems"

##### Spring Quarter 2005

- ❖ "Biomarkers in HIV and Cancer Research"
- ❖ "Evolutional Genomics"

Application forms for workshop participation, long-term visitors, and postdocs are available on the web.

For more information, visit the MBI website at: <http://mbi.osu.edu>.



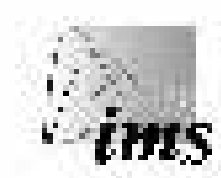
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# LECTURE NOTES – MONOGRAPH SERIES



**LNMS Volume 42:**

**Mathematical Statistics and Applications:  
Festschrift for Constance van Eeden**

*Marc Moore, Sonara Froda and Christian Léger, Editors*

This special volume was prepared to honor the 75th birthday of Constance van Eeden. It contains 28 original papers and the list of authors includes more than 20 IMS Fellows.

Many papers offer contributions to two areas where Constance van Eeden made major contributions, namely nonparametric statistics and decision theory.

The other areas covered include various problems of statistical theory and probability, dependent data modeling, censoring, and various statistical applications.

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# Employment Opportunities around the world



## Belgium: Louvain

### Université catholique de Louvain, Institute of Statistics, Belgium

Vacancy of a full time faculty position in statistics and its applications in econometrics (beginning September 2004). Required qualifications : Ph.D. degree in statistics or in economy (specialization econometrics), an excellent scientific record proved by international publications and experience in one or several fields of application as well as in teaching at university level.

Deadline for application: **January 15, 2004.**

Detailed job description: <http://www.stat.ucl.ac.be>

For further information : Léopold Simar, Chairman of the Institute of Statistics, Tel: 32 10 47 43 08, fax: 32 10 47 30 32, email: [simar@stat.ucl.ac.be](mailto:simar@stat.ucl.ac.be)

## Canada: Toronto

### University of Toronto

Postdoctoral Researcher in Biostatistics and Bioinformatics, University of Toronto for collaborative initiative between researchers in biostatistics, genomics, and computer science. Will involve applied work and methodological research into statistical data mining, integration of multiple data sources and/or visualization of DNA microarray and other genomic data. PhD in biostatistics, statistics, mathematics or computer science required together with a sincere interest in applying statistical and computational methods to large-scale molecular biology data. Strong computer skills a must, preferably experience with MATLAB/Splus/R, Perl, C/C++/Java. Some knowledge of functional genomics or strong willingness to learn quickly, required. Ability to work independently is necessary. Good communication and organizational skills a plus. Salary range \$45K-\$75K commensurate with qualifications. Contact Rafal Kustra ([r.kustra@utoronto.ca](mailto:r.kustra@utoronto.ca)) with CV and contact information for three references.

## 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 any rank (assistant, associate or full). For information about the Département and the Université, the candidates are invited to visit the webpage of the Département ([www.dms.umontreal.ca](http://www.dms.umontreal.ca)) as well as that of the Centre de recherches de mathématiques ([www.crm.umontreal.ca](http://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, 2004, or thereafter (subject to final budgetary approval).

The interested candidates must submit a curriculum vitae including a concise statement of their research interests, at least three letters of reference, and copies of at most three of their most important research publications to the following address. The Selection Committee will start studying applications during February 2004. 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](mailto: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: Montréal****DEPARTMENT OF STATISTICS • UNIVERSITY OF BRITISH COLUMBIA****Canada Research Chairs**

*In Environmental & Health Risk Assessment, Biostatistics, or Statistical/Machine Learning*

The Department of Statistics at the University of British Columbia is seeking candidates to nominate for Junior (Tier II) or Senior (Tier I) Canada Research Chairs (CRCs) in the general areas of environmental and health risk assessment, biostatistics, or statistical/machine learning. The CRC Program is aimed at outstanding researchers who are world leaders or who have the potential for world leadership in their fields. Successful nominees would hold a tenured or tenure-track position in the Department of Statistics, or a joint appointment with another department. Further information about the CRC program may be found at <http://www.chairs.gc.ca>, while specifics about the department's CRC positions are at <http://www.stat.ubc.ca/jobs/chair.htm>. The start date would be negotiable, but is nominally September 1, 2004.

Candidates for nomination should send a CV and a statement of research interests to the address below. Candidates should also send the names and addresses of at least three "arms length" referees. All positions are subject to review and final approval by the CRC Secretariat. UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply. Canada Research Chairs are open to individuals of any nationality: offers will be made in accordance with Canadian immigration requirements associated with the Canada Research Chairs program.

**Tenure-Track Assistant/Associate Professor**

The Department of Statistics at the University of British Columbia invites applications for at least one tenure-track position at the rank of Assistant or Associate Professor, starting July 1, 2004, subject to final budgetary approval. A PhD in Statistics or a related field is required. Applicants should demonstrate excellence or potential for excellence in undergraduate/graduate teaching and research. In accordance with the Department's academic plan (<http://www.stat.ubc.ca/academicplan.html>), applicants with interests in data mining and computational statistics, biostatistics, environmetrics, and/or Bayesian statistics are especially sought. Salary will be competitive, based on qualifications. Applications, including a CV and statements of research activities/plans and teaching philosophy, should be sent to the address below. Please also arrange for three letters of reference to be sent. UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply, however, Canadian citizens and permanent residents will be given priority.

**Tenure-Track Instructor**

The Department of Statistics at the University of British Columbia invites applications for one full-time tenure-track position starting July 1, 2004 as an Instructor of Statistics, subject to final budgetary approval. A PhD in statistics is preferred. Applicants should demonstrate: excellence in teaching and potential for creating innovative instructional material; experience with PCs, Unix computers and common statistical software (e.g. Splus and SAS); ability to work independently, to communicate effectively, to supervise the work of others; and statistical consulting or research experience. Duties include undergraduate teaching, developing computer-based and other instructional resources and supervising instruction in the undergraduate computer labs. Salary will be competitive based on qualifications. Applications, including a CV and a statement of teaching philosophy should be sent to the address below. Please also arrange for three letters of reference to be sent. UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply, however, Canadian citizens and permanent residents will be given priority.

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The closing date for all positions is Jan. 2, 2004. Send your application indicating the position for which you are applying, preferably by email as a pdf file to [search@stat.ubc.ca](mailto:search@stat.ubc.ca), or alternatively to the Search Committee, Department of Statistics, Room 333-6356 Agricultural Road, University of British Columbia, Vancouver, BC, Canada V6T 1Z2.

**Canada: Ottawa**

The Department of Mathematics and Statistics of the University of Ottawa invites applications of recent Ph.D.s for a tenure-track position in Bio-Statistics starting July 1, 2004 at the rank of assistant professor. For the first 5 years, the candidate will spend half time in the department and the other half in the McLaughlin Centre for Population Health Risk Assessment, Institute of Population Health. After 5 years, the position will revert to full time in the Department.

Applicants should send a curriculum vitae, a research plan, and arrange for four confidential letters of recommendations, with one addressing teaching, to be sent to Professor Mayer Alvo, Chairman, Department of Mathematics and Statistics, University of Ottawa, Ottawa, ON Canada, K1N 6N5. Applicants are also encouraged to include up to three copies of their most significant publications. The closing date for receipt for applications is **December 15, 2003**.

Conditions of employment are set by a collective agreement. Employment equity is University policy and the University strongly encourages applications from women. Canadian citizens and permanent residents will be considered first for these positions.

Information about the department can be found at <http://www.science.uottawa.ca/mathstat>

Le Département de mathématiques et de statistique de l'Université d'Ottawa met au concours un poste en bio-statistique au rang de professeur adjoint menant à la permanence. Entrée en fonction: le 1er juillet 2004. Pour les premiers cinq ans, le candidat consacrera la moitié de son temps au département et l'autre moitié au McLaughlin Centre for Population Health Risk Assessment, Institute of Population Health. Après, il deviendra professeur à plein temps au département de mathématiques et de statistique.

Les candidat(e)s doivent faire parvenir leur dossier de candidature au directeur du département, Dr. Mayer Alvo, Département de mathématiques et de statistique, Université d'Ottawa, Ottawa ON Canada, K1N 6N5 au plus tard le **15 décembre 2003**. Les dossiers doivent comprendre le curriculum vitae, le plan de recherche, quatre lettres de recommandation confidentielles dont une sur l'enseignement. Nous encourageons les candidat(e)s à joindre à leur dossier jusqu'à trois tirés à part de leurs contributions les plus importantes.

Les conditions d'emploi suivent les dispositions d'une convention collective. L'Université a une politique d'équité en matière d'emploi. Les femmes sont fortement encouragées à poser leur candidature. On étudiera d'abord les demandes des citoyens canadiens et des résidents permanents.

Pour plus de renseignements consulter le site web <http://www.science.uottawa.ca/mathstat>

**Canada: Toronto****University of Toronto at Mississauga: Assistant Professor of Statistics**

University of Toronto at Mississauga, Department of Mathematical and Computational Sciences, together with the Graduate Department of Statistics, University of Toronto, invites applications for a tenure-stream appointment at the Assistant Professor level starting July 1, 2004. Duties will include research, undergraduate and graduate teaching, involvement in graduate supervision, and participation in departmental activities. Demonstrated or potential excellence in research and teaching, a strong interest in teaching applied statistics and a doctoral degree are required. Expertise in Bioinformatics, Statistical Computing, or Actuarial Science would be welcome. However, strong candidates in any area of statistics are encouraged to apply.

Letters of application with curriculum vitae, graduate transcripts and reprints, and a short statement describing the candidate's research programme should be sent to Chair, UTM Search Committee, Department of Statistics, University of Toronto, 100 St. George Street, Room 6018, Toronto, Ontario, Canada M5S 3G3 by **December 15, 2003**. Applicants should ask four references to send a letter of recommendation under separate cover to the same address by the same deadline; at least one letter should be primarily concerned with the candidate's teaching.

The University of Toronto offers the opportunity to teach, conduct research and live in one of the most diverse and cosmopolitan locations in the world. The University also offers opportunities to work in a range of collaborative programs. The University of Toronto is strongly committed to diversity within its community and 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. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

**Canada: Waterloo****CIBC Chair in Financial Risk Management****UNIVERSITY OF WATERLOO**

The University of Waterloo (UW) has one of the most eminent actuarial science programs in the world. The faculty members in this unit have attained a high level of distinction in their research, teaching and professional contributions. The graduates of the Waterloo program are internationally recognized. In recent years, UW has also developed a strong research presence in the field of modern finance, with a special emphasis on computational finance. More than 75 new bachelor's and 20 master's and doctoral graduates enter the insurance and finance industries each year from the undergraduate and graduate actuarial science programs, and the master's program in quantitative finance co-ordinated by the Centre for Advanced Studies in Finance.

The University has recently created the Institute for Quantitative Finance and Insurance (IQFI) to combine the strengths of these two disciplines and provide the vehicle for a major research and teaching thrust in the area of financial risk management broadly defined. This initiative was made possible through support from companies in the insurance and financial services industries, and matching contributions from the Province of Ontario through the Ontario Research and Development Challenge Fund. The Institute will advance research in the financial risk management area and disseminate new knowledge. A generous contribution by the Canadian Imperial Bank of Commerce to UW's capital campaign, "Building a Talent Trust," has enabled the University to inaugurate two CIBC Chairs in Financial Risk Management under the auspices of the IQFI. One of these Chairs will be located in the Department of Statistics and Actuarial Science.

The purpose of this Chair is

- to help the University of Waterloo enhance its leadership role in finance and insurance education and research, and to expand its expertise by building on its present strengths
- to attract students of the highest calibre, and to support and supplement faculty influence on professional education and current practice
- to give prominence and recognition to the interaction between the university and the insurance and financial services industries, particularly the support provided by CIBC
- to support applied research, and the transfer of basic research into current practice in the financial services and insurance industries

The Canadian Imperial Bank of Commerce is a leading North American financial institution. Through its comprehensive electronic banking network, branches and offices across Canada and around the world, CIBC offers a full range of products and services to more than nine million personal banking and business customers.

The appointment is for a period of up to five years, with expectation of renewal. The anticipated start date is July 1, 2004.

The duties of the Chair holder include:

- conducting and overseeing a program of research relevant to financial risk management, actuarial science or insurance
- undergraduate and graduate teaching; leading seminars and colloquia that involve both undergraduate and graduate students
- disseminating applied research through seminars and professional meetings

The Chair holder will be a member of the Department of Statistics and Actuarial Science in the Faculty of Mathematics at the University of Waterloo and play a leadership role in the Institute for Quantitative Finance and Insurance. The ideal candidate will have earned a PhD in an appropriate field of research within the last few years, and will already have a strong record as a researcher, with exceptional promise for distinction in some aspect of actuarial science, finance or closely related discipline. The successful candidate must possess strong communication skills and be an excellent teacher.

Please send applications and nominations, including a recent curriculum vitae, to Professor Alan George, Dean, Faculty of Mathematics, University of Waterloo, Waterloo, ON Canada N2L 3G1 by **April 30, 2004**.

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



**Hong Kong****Hong Kong Baptist University****Department of Mathematics (PR035/03-04)**

The Department of Mathematics invites applications for an Assistant/Associate Professor position in Statistics/Biostatistics commencing September 2004. Applicants should have a PhD in Statistics and a demonstrated teaching and research ability. Consultancy experience is an advantage. Starting salary will be commensurate with qualifications and experience. Deadline: **31 December 2003**. Send your CV and three confidential letters of reference to the Personnel Office, Hong Kong Baptist University, Kowloon Tong, Hong Kong, Fax: (852) 3411 5001. Specific inquiries may also be made to K.T. Fang, Head of Mathematics, E-mail: ktfang@hkbu.edu.hk, URL: <http://www.math.hkbu.edu.hk>

**Taiwan: Kaohsiung****Job Vacancies in National Sun Yat-sen University, Taiwan.**

We invite applications for several faculty positions at all levels offered by the Department of Applied Mathematics and starting at August, 2004. The Department is young, active and promising. Our university was ranked by the government as one of the seven research universities in the country. Applications should have a Ph.D. by the time of appointment and demonstrated potential in excellent research and teaching. The ability to teach in Chinese Mandarin is essential. Review will start by the end of January 2004. Any applicant who can start in February 2004 are asked to make a note in his/her application letter. All applications should send a letter of application, curriculum vitae, transcript, research summary, reprints of publications (technical reports), and arrange at least three letters of recommendation to be sent to Chairman, Department of Applied Mathematics, National Sun Yat-sen University, Kaohsiung 804, Taiwan, R.O.C. Email: [chairman@math.nsysu.edu.tw](mailto:chairman@math.nsysu.edu.tw) Fax : +886-7-5253809, Tel : +886-7-5252000 ext. 3800, 3834 <http://www.math.nsysu.edu.tw>

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

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

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

Interested applicants should send a curriculum vitae, three letters of recommendation, copies of publications/technical reports, transcripts (for new PhD only) and other relevant documents to Yi-Ching Yao, Search Committee, Institute of Statistical Science, Academia Sinica, Taipei, Taiwan 115, R.O.C. Please clearly indicate the position of interest in the cover letter. (Tel: 886-2-27835611 ext. 311, Fax: 886-2-27831523, E-mail: [yao@stat.sinica.edu.tw](mailto:yao@stat.sinica.edu.tw)). Applications completed by **December 31, 2003** will be given full consideration. More information is available at <http://www.stat.sinica.edu.tw>

**United Kingdom: Bristol****University of Bristol****Lecturer/Reader in Statistics****£26,270 - £39,958**

This post, within the Statistics Group in the Department of Mathematics, is expected to commence on 1st March 2004 or a date to be agreed.


We would welcome candidates with research interests in any branch of statistics or applied probability. Academic staff in the Statistics Group are expected and encouraged to carry out research and teaching to an excellent standard. The Department offers a stimulating and friendly environment with first-rate facilities.

This appointment will be made to either the Lecturer B or Readership scale according to qualifications and experience. For further information see <http://www2.stats.bris.ac.uk/~magpn/Jobs/LectRead2003/lr2003.htm>

Informal enquiries can be made to Professor G P Nason, Department of Mathematics on (0117) 928 8633 or e-mail [g.p.nason@bristol.ac.uk](mailto:g.p.nason@bristol.ac.uk)

Further details and an application form can be found at [www.bristol.ac.uk/vacancies](http://www.bristol.ac.uk/vacancies) Alternatively you can telephone (0117) 954 6947, minicom (0117) 928 8894 or e-mail [recruitment@bristol.ac.uk](mailto:recruitment@bristol.ac.uk) (stating postal address ONLY), quoting reference number 9798.

The closing date for applications is **9.00am, 07 January 2004**  
An Equal Opportunities Employer.

**United Kingdom: Cambridge**


**UNIVERSITY OF CAMBRIDGE**

Department of Pure Mathematics and Mathematical Statistics

University Lectureships in Mathematical Finance, Probability, Statistics and Operational Research

Applications are invited for two established posts in the Statistical Laboratory, beginning on or after 1st October 2004. One position is open to candidates with interests in any area of mathematical finance. The second position is open to candidates in any area of probability, statistics or operational research, but with a preference for mathematical finance. The successful candidates will have a strong research record, and will be expected to contribute to the teaching and research programmes of the Laboratory. The pensionable scale of stipends for a University Lecturer is currently £23,296 a year, rising by eleven annual increments to £35,950 a year. Appointees will be placed at an appropriate point on this scale. The Statistical Laboratory is a sub-department of the Department of Pure Mathematics and Mathematical Statistics, and gained the highest grade 5\* in the 2001 Research Assessment Exercise. Information about the Laboratory can be found at [www.statslab.cam.ac.uk](http://www.statslab.cam.ac.uk). Further particulars can be obtained from the departmental vacancies web page (<http://www.dpmms.cam.ac.uk/Vacancies/>) or from the Director, Professor R. R. Weber, Statistical Laboratory, Wilberforce Road, Cambridge CB3 0WB (telephone (01223) 337958; fax (01223) 337956; email [secretary@statslab.cam.ac.uk](mailto:secretary@statslab.cam.ac.uk)). Applications should be sent in hard copy or by email to the Director, and should include full curriculum vitae, email address, list of publications, and the names and email addresses of three academic referees. Applicants must ask their referees to write directly to the Director to reach him by 5 January 2004.

*The University is committed to equality of opportunity*

**USA: Alabama**

**AUBURN UNIVERSITY**  
**DEPARTMENT OF MATHEMATICS**  
**PROFESSOR & CHAIR**

The Department of Mathematics at Auburn University invites applications and nominations for Department Chair. Initial appointment will be for 4 years beginning Fall, 2004, renewable once for a second 4 year term. A Ph.D. or equivalent in the Mathematical Sciences, and a track record in research, teaching, and service qualifying for the rank of Full Professor with tenure in the department, are required. Candidates must have a commitment to diversity, and the communication skills necessary to effectively represent the department both on and off campus. Desirable qualities of a candidate include demonstrated administrative experience, success in grant writing activities and fund raising, a track record of inspiring/mentoring faculty, and a record of innovation in teaching. The department presently has 52 tenured/tenure-track faculty in diverse areas of pure and applied mathematics, and statistics. We offer the Masters Degree in mathematics, Applied Mathematics, Statistics, and Probability and Statistics, and the Ph.D. in Mathematics. The department anticipates a number of retirements over the next several years. The new chair will have the opportunity through effective leadership to significantly shape the future of the department. Further information about the department may be found on our web site at <http://www.math.auburn.edu/>. Applicants should provide the Search Committee with a resume, list of publications, and the names of at least four references. Since the new chair is expected to provide leadership in the department's research and teaching programs, a statement of leadership philosophy would also be helpful. Send application materials to:

Dr. J.D. Perez, Chair  
 Mathematics Chair Search Committee  
 206 Allison Laboratory  
 Auburn University  
 Auburn, AL 36849

Review of applications will begin **January 15, 2004**, and will continue until the position is filled. Auburn University is an Affirmative Action/Equal Opportunity Employer. Minorities and women are encouraged to apply.

**USA: Alabama**

**Department of Discrete and Statistical Sciences**  
**Auburn University**

The Department of Discrete & Statistical Sciences, Auburn University, Alabama invites applications for a tenure-track position as an Assistant Professor in statistics to begin Fall Semester 2004. Ph.D in Statistics or related area required. Applicants should have strong evidence of teaching and research potential in statistics. Interested individuals should send vita, letter of application and three letters of recommendations to: Kevin Phelps, Chair, Statistics Search Committee, Department of Discrete and Statistical Sciences, 235 Allison Lab, Auburn University, AL 36849-5307, USA. Website address: <http://www.stat.auburn.edu>, Fax number: 334-844-3611. Review of applications will begin **January 16, 2004**. Candidates must be eligible for employment in U.S. at time of appointment.

Women and Ethnic Minorities are Encouraged to Apply.

AUBURN UNIVERSITY IS AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

**USA: Arizona****ARIZONA STATE UNIVERSITY**

The Department of Mathematics and Statistics at Arizona State University invites applications for a tenure-track position at the Assistant Professor level, beginning in the fall semester of 2004. Applicants are required to have a Ph.D. in statistics, biostatistics, or mathematics (or other closely related discipline) with a research emphasis in statistics by August 16, 2004. Candidates must also have demonstrated potential for excellence in statistical research and teaching at all levels. The successful candidate will be expected to conduct research and publish in the area of statistics, provide quality teaching of undergraduate and graduate courses in both theoretical and applied statistics, and participate in on-campus interdisciplinary statistics activities and appropriate professional service.

The main campus of Arizona State University has approximately 47,000 students and is located in the rapidly growing metropolitan Phoenix area, which provides a wide variety of recreational and cultural opportunities. The Department of Mathematics and Statistics currently has 48 full time faculty members and over 70 supported Graduate Students. The Department has high-quality and growing graduate and undergraduate programs in statistics. Demand for statistical research and instruction at ASU is expected to continue to increase, and ASU has numerous opportunities for interdisciplinary collaboration. The Department has excellent computing resources, including a networked cluster dedicated to statistics research, individual faculty workstations, and access to the University's central computing facilities.

Applicants must send i) a curriculum vita, ii) an AMS Cover Sheet (available at <http://www.ams.org/coversheet/>), iii) a personal statement addressing their research agenda, and iv) a statement of teaching philosophy, and v) must arrange for three letters of recommendation to be sent to: Statistics Search Committee, Department of Mathematics and Statistics, Arizona State University, PO Box 871804, Tempe, AZ 85287-1804.

Review of the applications will begin on January 16, 2004; if not filled, weekly thereafter or until the search is closed. AA/EOE

**USA: Arizona****ARIZONA STATE UNIVERSITY****STATISTICS and LIFE SCIENCES**

The Department of Mathematics and Statistics and the School of Life Sciences at Arizona State University invite applications for a tenure-track position at the Assistant Professor level (50% appointment in both programs) beginning in the Fall semester of 2004. Applicants are required to have a PhD in statistics or biostatistics, mathematics, or a biological science, by August 16, 2004. Candidates must have demonstrated potential for excellence in teaching and statistical research that includes areas of relevance to the life sciences, and must have demonstrated interest in collaborative and methodological research related to the life sciences (bacterial, plant or animal systems). The successful candidate will be expected to conduct research and publish in the area of statistics, engage in research programs with the School of Life Sciences, provide quality teaching of undergraduate and graduate courses in statistics, and participate in on-campus interdisciplinary statistics activities and appropriate professional service. Evidence of interest includes (but is not limited to): bioinformatics, Bayesian methods, longitudinal models, multimodel estimation, spatial statistics and time series analysis, desired.

The main campus of Arizona State University has approximately 47,000 students and is located in the rapidly growing metropolitan Phoenix area, which provides a wide variety of recreational and cultural opportunities. The Department of Mathematics and Statistics currently has 48 full time faculty members and over 70 supported Graduate Students. The Department has high-quality and growing graduate and undergraduate programs in statistics. The School of Life Sciences has over 80 full time faculty members and 225 Graduate Students. It has excellent programs in biotechnology, molecular biosciences, genomics, ecology, and organismal biology. In collaboration with the rapidly growing AZBio Research Institute major growth in the life sciences is expected in the near term. Demand for applied statistical research and instruction at ASU is expected to continue to increase, and ASU has numerous opportunities for interdisciplinary collaboration. There are excellent computing resources, including a networked cluster dedicated to statistics research, individual faculty workstations, and access to the University's central computing facilities.

Applicants must send i) a curriculum vita, ii) an AMS Cover Sheet (available at <http://www.ams.org/coversheet/>), iii) a personal statement addressing their research agenda, and iv) a statement of teaching philosophy, and v) must arrange for three letters of recommendation to be sent to:

Hiring Committee in Statistics and Life Sciences, Department of Mathematics and Statistics, Arizona State University, PO Box 871804, Tempe, AZ 85287-1804

Review of applications will begin January 16, 2004, if not filled, weekly thereafter until the search is closed. AA/EOE.

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

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

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

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

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

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

Personnel Committee, Department of Mathematics,

University of Arizona, P.O. BOX 210089

Tucson, Arizona 85721-0089

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

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

The Department of Statistics invites applications for two faculty positions that will start on July 1, 2004. Each position is either at the tenure-track Assistant Professor rank or at the tenured Associate Professor rank, depending on qualifications. Applicants must have a Ph.D. in Statistics or a related field. An outstanding research and teaching record is required for an appointment with tenure; and demonstrated interest and ability to achieve such a record is required for a tenure track appointment. Preferred research areas are computational statistics, statistical learning, bioinformatics/biostatistics, or time series/spatial statistics. Candidates with demonstrated research interest in statistical theory motivated by complex applications, such as methods for the analysis of high-dimensional data from longitudinal or imaging sources, or genomics/proteomics are strongly encouraged to apply. The successful candidates will be expected to teach at both the undergraduate and graduate levels. UC Davis has launched Bioinformatics and Computational Science initiatives, and has recently established a graduate program in Biostatistics, in addition to the existing Ph.D./M.S. program in Statistics. Information about the department and programs offered can be found at <http://www-stat.ucdavis.edu/>. Send letter of application, including a statement of research interests, curriculum vitae with publication list, at least three letters of reference, relevant reprints/preprints, and transcripts (applicants with Ph.D. obtained in 2002 or later) to:

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

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

Review of applications will begin on Dec. 1, 2003, and will continue until the positions are filled. The University of California is an affirmative action/equal opportunity employer with a strong institutional commitment to the achievement of diversity among its faculty and staff.

**USA: California****POSTDOCTORAL POSITION  
University of California, Berkeley  
Department of Statistics**

367 Evans #3860

Berkeley, CA 94720-3860

We invite applications for a three-year postdoctoral fellowship in probability or statistics, funded in part by a VIGRE grant from the National Science Foundation. Applicants whose research interests are close to those of regular department members will be given some preference. Duties are research, teaching one course per semester and participating in VIGRE activities. The position is restricted to US citizens and permanent residents who are within 18 months of receiving a Ph.D. Applicants should send a resume, reprints/preprints and/or dissertation abstracts, and three letters of evaluation directly to the Chair of the department at the above address. All letters of evaluation are subject to Berkeley campus policies of confidentiality on letters of evaluation. Please request that referees read the University's confidentiality statement at <http://apo.chance.berkeley.edu/evalltr.html>, prior to submitting their letters. Applications must be postmarked by February 6, 2004. Applications postmarked after the deadline will not be considered. The University of California is an Equal Opportunity, Affirmative Action Employer.



**USA: California**

# UCIrvine

University of California, Irvine

**Department of Statistics**

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

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

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

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

The review of applications will begin December 1, 2003.

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

**USA: California****POSTDOCTORAL RESEARCH IN COMPUTATIONAL BIOLOGY**

We seek a post-doctoral fellow that will work in the laboratory of Statistical Genomics, in the departments of Human Genetics and Statistics at the University of California in Los Angeles, USA (<http://www.genetics.ucla.edu/labs/sabatti/>)

Transcription regulation of gene expression is a crucial process in the cell function. There is a considerable amount of knowledge experimentally obtained on a series of specific examples. The availability of sequenced genomes of entire organisms, and results of gene expression arrays experiments, make it possible to embark in genomewide investigation of this system. Our lab has worked on the development of both sequence and array analysis tools. We are pursuing further these directions of research. Particular interest will be paid to cross species comparisons and combinatorial regulation. We collaborate at UCLA with a variety of labs that provide direct interaction with data generating processes and experimental design.

Competence in Bayesian statistics, Markov Chain Monte Carlo, likelihood optimization methods are strengths that are valuable in a candidate. Experience in data analysis of sequence and expression array is desirable and fluency in a scientific programming language necessary. The expected duration of the position (funded by NSF and NASA) is two years.

Candidates should send a CV (with publication list), a research statement, any unpublished manuscripts, and three references to Chiara Sabatti ([csabatti@mednet.ucla.edu](mailto:csabatti@mednet.ucla.edu)).

**USA: California****DATA MINING IN GENETIC EPIDEMIOLOGY AND GENE MAPPING**

We seek a post-doctoral fellow that will work in the laboratories of Prof. Nelson Freimer and Chiara Sabatti, in the Departments of Human Genetics, Psychiatry, and Statistics at the University of California in Los Angeles, USA.

We have acquired and are in the process of acquiring a series of unprecedented datasets with detailed genotypic and phenotypic information. Structure varies from population cohorts to large extended families, ascertained because of neurobehavioral disorders. The ethnic background is that of homogeneous population isolates. Genotyping is carried out both with microsatellites and SNPs. Phenotypes measured vary from personality assessment to brain imaging. Each dataset is collected to test a specific scientific hypothesis, but leaving ample possibilities for further investigation. Mining these data sets, we will investigate the heritability of phenotypes, the definition of endophenotypes, the presence of clusters among phenotypes, and their mapping to locations in the genome. Competence in either genetic epidemiology and statistical genetics, or data mining, statistical learning in high dimensions are desirable strengths in the candidate. The expected duration of this position, funded by NIH, is two years.

Candidates should send a CV (with publication list), a research statement, any unpublished manuscripts, and three references to Nelson Freimer ([NFreimer@mednet.ucla.edu](mailto:NFreimer@mednet.ucla.edu)) or Chiara Sabatti ([csabatti@mednet.ucla.edu](mailto:csabatti@mednet.ucla.edu)).



**USA: California****University of California, San Diego  
Professorship**

The Department of Mathematics of the University of California, San Diego (<http://www.math.ucsd.edu/>) is seeking an outstanding candidate for a faculty position in Statistics starting July 2004. The hire will be made at the Assistant or Associate Professor level. New Ph.D. recipients are encouraged to apply. The field within statistics is unrestricted, but interest in biological applications is especially encouraged. All applicants should show outstanding promise and/or accomplishments in both research and teaching.

To apply, please submit your placement file including an AMS standard cover page, curriculum vitae, and publications, and arrange for at least three letters of reference to be sent under separate cover to the "Statistics Search Committee," Department of Mathematics 0112A, University of California, San Diego, 9500 Gilman Drive, La Jolla, California 92093-0112A.

Please indicate primary research areas (field and #) using the AMS Mathematical Review Classification List. All applications received by **January 2, 2004**, will receive thorough consideration. All supporting materials must be received no later than January 9, 2004. Salary and level of appointment will be based on qualifications and the University of California pay scales. In compliance with the Immigration Reform and Control Act of 1986, individuals offered employment by the University of California will be required to show documentation to prove identity and authorization to work in the United States before hiring can occur. Immigration status of non-U.S. citizens should be stated on the curriculum vitae. UCSD is an equal opportunity/affirmative action employer with a strong institutional commitment to the achievement of diversity among its faculty and staff.

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

Open level position in Stochastic Analysis (particularly Mathematical Finance) joint between the two departments, starting July 1, 2004. Research, teaching excellence, PhD in Statistics/Mathematics. Submit resume, research and teaching objectives, AMS Cover Sheet ([www.ams.org](http://www.ams.org)), and four reference letters (at least one teaching related).

Submit materials via [www.mathjobs.org](http://www.mathjobs.org) OR send to: Search Committee, Statistics and Applied Probability, University of California, Santa Barbara, CA 93106-3110.

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

EOE

**USA: California****UNIVERSITY OF CALIFORNIA, SANTA CRUZ  
Associate Professor, STATISTICS**

The faculty in Applied Mathematics and Statistics (AMS) invite applications for an Associate Professor. We seek outstanding applicants whose work begins with problems in science or engineering, includes development and analysis of mathematical models and features interpretation of the results in the scientific context. We prefer candidates who specialize in Bayesian methods of spatio-temporal modeling, with applications in environmental sciences.

**MINIMUM QUALIFICATIONS:** Ph.D. or equivalent in Statistics or related field; demonstrated excellence in innovative research; strong record of publications; proven distinction in university teaching, and proven track record of extramural funding.

**TO APPLY:** Refer to position # 704. Submit CV, statement of research interests, and statement of teaching interests. Please ensure that at least three recommendation letters are sent directly, by the deadline of December 15, 2003. Directions for applying electronically and details about the position and campus, are given at: <http://www.soe.ucsc.edu/jobs/> Applications may be mailed to: Statistics Search Committee, Baskin School of Engineering, University of California, Santa Cruz, CA 95064. Screening will begin with applications received by December 15, 2003; to ensure full consideration an application must arrive by this date.

UCSC IS AN AFFIRMATIVE ACTION/EQUAL EMPLOYMENT OPPORTUNITY  
EMPLOYER. WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY.

**USA: Connecticut**

Tenure-track, assistant professor position in the Department of Mathematics and Computer Science at Connecticut College beginning August, 2004. A Ph.D. in statistics or a closely related field, a strong commitment to undergraduate teaching, and the potential to conduct research at a liberal arts college are required. Curriculum development and interdisciplinary collaborations are integral to the position.

Send CV, teaching and research statements, 3-5 letters of reference to Professor K. McKeon, Conn College Box 5561, 270 Mohegan Ave, New London, CT 06320.

More information about this position, the department and the college may be obtained at our web page: <http://math.conncoll.edu>

**USA: Connecticut****Yale University, Faculty in Statistics, Assistant Professor**

Yale University Department of Statistics invites applications for an Assistant Professor position beginning July 2004.

The Department seeks expertise in the theory and practice of statistics with a significant data-driven component in teaching and research activities. Opportunities exist for collaboration and cooperative teaching with faculty in computer science, biological sciences, social sciences, physical sciences and engineering; and for participation in the program of bioinformatics or the program of applied mathematics.

The Department encourages excellence in teaching, and faculty members teach a broad range of courses at both the graduate and undergraduate level.

Candidates should include a letter of application, curriculum vita, a statement of teaching and research interests, and arrange for three letters of reference to be sent directly to the address below. Review of applications will begin **January 1, 2004** and will continue until the position has been filled.

Search Committee

Yale University Department of Statistics

P.O. Box 208290

New Haven CT 06520-8290

Yale University is an AA/EOE Employer.

**USA: Connecticut****University of Connecticut, Storrs, CT****Department of Statistics****Assistant/Associate Professor**

Anticipated position at the Assistant/Associate Professor level beginning fall 2004. 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 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](mailto:mhchen@stat.uconn.edu)

We will consider applications until the position is filled. Preference will be given to applications received by **January 15, 2004**. We encourage applications from underrepresented groups, including minorities, women, and persons with disabilities.

**USA: Connecticut****Yale University, Faculty in Statistics, J. Willard Gibbs Instructor or Visiting Professor**

The Department of Statistics at Yale University invites applications for a position at the level of J. Willard Gibbs Instructor or Visiting Faculty. The Gibbs Instructorship has a term of one year, and is intended primarily for individuals who have received their Ph.D. degree and show definite promise in research in the field of Statistics. The visiting faculty position may be at the level of Visiting Professor, Visiting Associate Professor, or Visiting Assistant Professor. It has a term of either one year or one semester, and is intended primarily for individuals who may have a faculty affiliation at another institution and desire to contribute to and benefit from research and teaching activities at Yale.

Both positions include responsibilities in research and teaching in Statistics and Applied Mathematics, with opportunities for cooperative teaching and research with faculty in the natural sciences, social sciences or engineering, especially in bioinformatics and in computer science. The teaching will consist of three one-semester courses per year, one of which may be at the graduate level in the general area of the instructor's research.

Candidates should include a letter of application, curriculum vita, a statement of teaching and research interests, and arrange for up to three letters of reference to be sent directly to the address below. Review of applications will begin **January 1, 2004** and will continue until the positions have been filled.

Search Committee

Yale University Department of Statistics

P.O. Box 208290

New Haven CT 06520-8290

Yale University is an AA/EOE Employer.

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

Beginning Fall 2004. 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](http://www.mathstat.american.edu/positions), or contact the Department of Mathematics and Statistics at (202) 885 3120.

**USA: Florida****FLORIDA STATE UNIVERSITY  
DEPARTMENT OF STATISTICS  
ENDOWED CHAIR POSITION**

The Department of Statistics at Florida State University invites applications for an endowed chair, the Francis Eppes Professor of Statistics position. Francis Eppes was a grandson of Thomas Jefferson and was instrumental in the founding of Florida State University. Candidates are expected to have a Ph.D. in Statistics or a related field and international prominence based on a distinguished record of research and grant acquisitions. Candidates are expected to have strong and broad commitments to teaching and research. The Department's faculty has a distinguished record of teaching and research. The department features interdisciplinary research, a Statistical Consulting Center, a Laboratory for Computational Vision and a developing program in Biostatistics. See our website at <http://stat.fsu.edu> to gain more information about the department. Please send a letter of application, curriculum vitae and three letters of reference to: Search Committee, Department of Statistics, Florida State University, Tallahassee, Florida, 32306-4330. Florida State University is an Equal Opportunity/Affirmative Action employer, committed to diversity in hiring, and a Public Records Agency.

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

The School of Mathematics at Georgia Tech invites applications for tenure-track and visiting faculty positions in statistics at all ranks beginning Fall 2004. Preference will be given to candidates whose expertise reinforces links between statistics and applied mathematics as well as with other academic units at Georgia Tech. Candidates with strong research and teaching records or potential in statistics should arrange for a resume, at least three letters of reference, and a summary of future research plans to be sent to the Hiring Committee, School of Mathematics, Georgia Institute of Technology, Atlanta, GA 30332-0160, USA. Review of applications will begin in September 2003 and continue until all positions have been filled. Georgia Tech, an institution of the University System of Georgia, is an Equal Opportunity/Affirmative Action Employer.

**USA: 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](mailto:jeff.wu@isye.gatech.edu).

Georgia Tech is an Equal Education and Employment Institution.

A Unit of the University System of Georgia.

**USA: Georgia****The University of Georgia, Athens, GA**

The Department of Statistics at the University of Georgia invites applications for a tenure-track open area position, starting August 2004. The rank will be at the Assistant or beginning Associate Professor level. Applicants must have a Ph.D. degree in Statistics or a closely related field and their scholarly credentials must reflect a strong commitment to research and teaching. Experience in interdisciplinary research can be a plus. Send an application letter, curriculum vitae, statement of research agenda, and at least three letters of reference to: Search Committee, Department of Statistics, University of Georgia, Athens, GA 30602-1952. Applications received by 12, 2004, will be assured of consideration. For more information about the department and the university please go to <http://www.stat.uga.edu>. The University of Georgia is an AA/EEO institution. We encourage applications from minorities and women.

**USA: Illinois****DePaul University**

Department of Mathematical Sciences, DePaul University, invites applications for a tenure-track assistant professor position in Statistics/Actuarial Science, Fall 2004. PhD in statistics/actuarial science or applied probability required, active engagement in quality research, and strong commitment to teaching. See <http://www.depaul.edu/~math> for details. Send application materials to: Statistics Search Committee, Department of Mathematical Sciences, DePaul University, 2320 N. Kenmore, Chicago, IL 60614. The deadline is **December 15, 2003**.

**USA: Illinois****University of Chicago**

Applications invited for the following positions:  
 (1) Tenure-track Assistant Professor;  
 (2) Visiting faculty, all levels.  
 Outstanding candidates in Statistics and Probability welcome. Appointment contingent on PhD awarded by September 1, 2004. Send vita, transcripts, research papers, 3 letters of reference to: Steven P Lalley, Chair, Department of Statistics, University of Chicago, 5734 S University Avenue, Chicago IL 60637. Screening begins **January 5, 2004**. AA/EEO

**USA: Illinois****University of Illinois, Urbana-Champaign Champaign, Illinois**

THE DEPARTMENTS OF PSYCHOLOGY AND STATISTICS invite applications for a joint, full-time, tenure-track, Assistant Professor position emphasizing quantitative methods for analysis of human brain imaging data. Applications from any related field are encouraged. Preference will be given to candidates who complement and enhance current UIUC strength in image analysis research, particularly with respect to the campus fMRI initiative. Although we expect to fill this position at the Assistant Professor level, exceptional Associate Professor candidates are also encouraged to apply. Applicants should hold a Ph.D. at time of appointment. The position begins August 16, 2004. Salary is commensurate with qualifications and experience.

To ensure full consideration, application materials should be received by **December 15, 2003**, although review of applications may begin before that date. 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, at least three letters of recommendation, and preprints/reprints to: Gregory A. Miller, Chair, Image Analysis Search, Department of Psychology, 603 East Daniel Street, Champaign, IL 61820 (217/333-0632, [gamiller@uiuc.edu](mailto:gamiller@uiuc.edu)).

Information concerning the Psychology Department's programs, research, facilities, and faculty can be obtained at [www.psych.uiuc.edu](http://www.psych.uiuc.edu). Information concerning the Statistics Department can be obtained at [www.stat.uiuc.edu](http://www.stat.uiuc.edu). Information on a portion of the campus MRI community is at [bic.beckman.uiuc.edu](http://bic.beckman.uiuc.edu) and [www.itg.uiuc.edu](http://www.itg.uiuc.edu). Contact either department for further information.

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

**USA: Indiana****Indiana University South Bend****Department of Mathematical Sciences****Assistant Professor of Mathematics**

The Department of Mathematical Sciences invites applications for a tenure-track position in statistics at the assistant professor level starting August 2004. Applicants must have completed all requirements for a Ph.D. in statistics or a closely related field by August 2004. The responsibilities of this position include teaching courses in mathematics and statistics, research in the area of statistics, and service to the department. The department currently has 16 full-time faculty and 22 associate faculty. The current teaching load at IUSB is nine credit hours per semester. Salaries are competitive and the fringe benefits package is excellent. Visit the web site <http://www.iusb.edu/~sbmath/> for additional information about the department.

IUSB is an Equal Opportunity/Affirmative Action employer. We therefore encourage applications from under-represented groups. Send a vita and arrange for three letters of recommendation to be sent to Yi Cheng, co-chair, Search Committee, Department of Mathematical Sciences, Indiana University South Bend, South Bend, IN, 46634. Completed applications received by **February 9, 2004**, will be given full consideration.

**USA: Indiana****Indiana University - Purdue University Indianapolis**

AT tenure-track position in Statistics (all areas) and/or Applied Probability, beginning August 2004. A Ph.D. and strong commitment to research and teaching are required. Rank and salary will be commensurate with qualifications. Screening begins 12/1/2003 and continues until the position is filled. Send letter of interest, CV, statements on research and teaching, and at least 3 letters of recommendation to:

Statistics Search and Screen Committee, Department of Mathematical Sciences,  
 Indiana University -Purdue University Indianapolis,  
 402 N. Blackford St., Suite LD270  
 Indianapolis, IN 46202-3216

IUPUI is an Equal Opportunity/Affirmative Action Employer.

Additional information is available at [www.iupui.edu](http://www.iupui.edu) and [www.math.iupui.edu](http://www.math.iupui.edu).

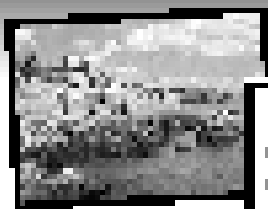
**USA: Indiana****INDIANA UNIVERSITY BLOOMINGTON - DEPARTMENT OF MATHEMATICS  
ZORN RESEARCH POSTDOCTORAL FELLOWS**

The Department of Mathematics invites applications for Zorn Research Postdoctoral Fellows beginning in the Fall of 2004. These are three-year, non-tenure track positions with reduced teaching loads. Outstanding candidates with a recent Ph.D. in any area of pure or applied mathematics or statistics are encouraged to apply. Zorn postdocs are paired with mentors with whom they have compatible research interests. The Department maintains strong research groups in all principal fields of mathematics, and the Bloomington campus offers an exceptionally attractive environment, providing a rich variety of musical and cultural attractions. Interested applicants should send a letter of application, vita, and research and teaching statements, and should arrange to have four letters of recommendation, including one letter evaluating teaching experience, sent to: Search Committee, Department of Mathematics, Indiana University, 831 East 3rd Street, Rawles Hall, Bloomington, IN 47405-7106. Indiana University is an equal opportunity / affirmative action employer. Applications received by **December 15, 2003** will be given full consideration.

**USA: Indiana****INDIANA UNIVERSITY BLOOMINGTON  
DEPARTMENT OF MATHEMATICS**

The Department of Mathematics invites applications for two tenure-track or higher-level positions beginning in the Fall of 2004. Outstanding candidates with a Ph.D. in any area of pure or applied mathematics or statistics and with postdoctoral or faculty-level experience are encouraged to apply. The Department maintains strong research groups in all principal fields of mathematics, and the Bloomington campus offers an exceptionally attractive environment, providing a rich variety of musical and cultural attractions. Interested applicants should send a letter of application, vita, and research and teaching statements, and should arrange to have four letters of recommendation, including one letter evaluating teaching experience, sent to: Search Committee, Department of Mathematics, Indiana University, 831 East 3rd Street, Rawles Hall, Bloomington, IN 47405-7106.

Indiana University is an equal opportunity / affirmative action employer. Preference will be given to applications received by **December 1, 2003**.

**USA: Maine**

# Biostatistician III

The Jackson serves as Coordinator/leader of the Statistics staff of the Institutional Computational Biology Resource (ICBRMS). ICBRMS provides research support to scientists locally in the areas of gene expression analysis, genotyping, sequence analysis, and statistics. Other tasks include support and mentoring of biostatisticians and data analysis, statistical and analysis, and guidance, consulting, project development and facilitation of relevant institutional training programs, assistance in staff in preparation of publications and grants, and participation in institutional committees. The incumbent will have responsibility available to make collaborative decisions with faculty, as well as directly participate in evaluation of grant applications.

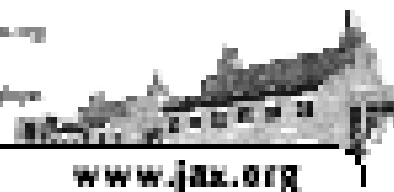
Successful applicants should hold a Ph.D. in biostatistics, statistics, statistical genetics, bioinformatics, or related field and at least four years of appropriate academic and managerial experience. Proficiency in the application of statistics to biological problems is critical. Experience with some combination of statistical modeling, mapping, adaptive quantitative traits, sequence analysis, and/or gene expression analysis is necessary. Expertise in SAS, Matlab, R, Perl, C, Java, and Perl and practical experience working on Linux, UNIX/NT/Windows,

and Microsoft platforms are highly desirable. The ability to effectively communicate with scientists staff is absolutely critical.

The Jackson Laboratory is one of the world's foremost centers for mammalian genetic research. Located in Bar Harbor, Maine, the lab is adjacent to Acadia National Park, Mount Desert Island, and the world's oldest working distillery. If you are looking for a more natural environment, this could be the opportunity you've been searching for.

**Interested applicants should send cover letter and resume to:**  
**Jan W. Kim, Human Resources, Box 20, The Jackson Laboratory**  
**610 Main Street, Bar Harbor, Maine 04810**  
**Phone (207) 288-6101**  
**Email: [jwkim@jacksonlab.org](mailto:jwkim@jacksonlab.org)**

The Jackson Laboratory is an  
 Affirmative Action/Equal Opportunity Employer



**www.jax.org**



**USA: Iowa****IOWA STATE UNIVERSITY****OF SCIENCE AND TECHNOLOGY****Department of Statistics**

The Department of Statistics has a large and diverse faculty and well established and effective M.S. and Ph.D. programs. The Department currently has four positions open. These positions offer immediate opportunities for graduate student guidance and graduate level teaching. The Department's strong links with other University departments and centers provide ample opportunity to collaborate with faculty in biology, agriculture, engineering, social sciences, education, and physical sciences. Further information about the department can be found at <http://www.stat.iastate.edu>.

**Open Rank Tenure-Track or Tenured Faculty Positions**

The Department of Statistics at Iowa State University invites applications for three open rank tenure-track or tenured faculty positions. A Ph.D. in statistics or a closely related field is required. Interest or experience in on-campus collaboration research in the biological sciences is desired for one of the three positions. Academic rank will be a fixed based on potential for or record of research excellence and teaching in statistics.

An appointment to the Baker Chair in Biological Statistics (\$1.2M endowment) is possible for a distinguished senior candidate with interest in biological applications.

**Survey Statistics Position**

Applications are invited for an open-rank, tenure or tenure-track faculty position in the Department of Statistics & the Center for Survey Statistics and Methodology (CSSM). This position is affiliated with statistics faculty who engage in interdisciplinary research in sample surveys, supported in part by funding from federal and state agencies. The atmosphere is one of collaboration among faculty, students, subject matter researchers in academia and government, and staff in the survey methodology.

The candidate is expected to maintain an outstanding program of research in survey and general statistics, including graduate student advising. Other responsibilities include design and analysis for sample surveys in collaboration with campus, state, and federal researchers and teaching (1-3 courses per year).

Assistant professor candidates must have a outstanding potential for research excellence in statistics and effective teaching. Associate and full professor candidates should have demonstrated excellence in statistical research and effectiveness in teaching. A Ph.D. in Statistics or related field is required. Experience in survey statistics is preferred, but not necessary.

**To Apply**

Review of applications will begin on December 15, 2003 and will continue until the positions are filled. Completed applications for Assistant Professor candidates should include an application letter, curriculum vita, transcripts, teaching and research statements, and a dissertation abstract. Additionally, the candidate should arrange for three letters of recommendation to be sent. Candidates for Associate and Full Professorships should send an application letter, curriculum vita, and full contact information for three references. Please e-mail submit materials electronically as PDF e-mail attachments.

Applications for the Open Rank position should be sent to: [statdept@psych.iastate.edu](mailto:statdept@psych.iastate.edu). Applications for the Survey Statistics positions should be sent to: [surveystat@psych.iastate.edu](mailto:surveystat@psych.iastate.edu).

If paper materials must be used, please mail to: Dr. Philip Olson, Faculty Search, Statistics Department, 301 Swinecote Hall, Iowa State University, Ames, Iowa 50011-1218.

**USA: Kansas****Kansas State University**

Tenure-track Assistant Professor, starting August 2004.

Responsibilities include teaching, research, and service. Ph.D. in Statistics (or related field) required with expertise complementing faculty interests. Application reviews begin December 1, 2003, and continue until position is filled.

Send cover letter, resume, and three recommendation letters to: Faculty Search, Department of Statistics, Kansas State University, Manhattan, KS 66506-0802. See [www.ksu.edu/stats/](http://www.ksu.edu/stats/) for more information.

Kansas State University is an equal opportunity employer.

**USA: Massachusetts****Williams College, Williamstown: Assistant Professor**

The Williams College Department of Mathematics and Statistics invites applications for **one tenure track position in statistics**, beginning fall 2004, at the rank of assistant professor (in an exceptional case, a more advanced appointment may be considered). We are seeking a highly qualified candidate who has demonstrated excellence in teaching and research, and who will have a Ph.D. by the time of appointment.

Williams College is a private, residential, highly selective liberal arts college with an undergraduate enrollment of approximately 2,000 students. The teaching load is two courses per 12-week semester and a winter term course every other January. In addition to excellence in teaching, an active and successful research program is expected.

To apply, please send a vita and have three letters of recommendation on teaching and research sent to the Hiring Committee, Department of Mathematics and Statistics, Williams College, Williamstown, MA 01267. Teaching and research statements are also welcome. Evaluations of applications will begin on or after **November 24** and will continue until the position is filled. Williams College is dedicated to providing a welcoming intellectual environment for all of its faculty, staff and students; as an EEO/AA employer, Williams especially encourages applications from women and minorities. For more information on the Department of Mathematics and Statistics, visit <http://www.williams.edu/Mathematics>.

**USA: Massachusetts****Department of Mathematics and Statistics****Boston University****Position in Statistics**

The Department of Mathematics and Statistics at Boston University invites applications for a tenure-track position at the Assistant Professor level in the general area of statistics. The position will begin in September 2004. Candidates should demonstrate a strong commitment to research and teaching, and preferably should show an interest in interdisciplinary research.

Please submit a CV with at least three letters of recommendation to:

Statistics Search Committee

Department of Mathematics and Statistics

Boston University

111 Cummington Street

Boston, MA 02215

Application Deadline: **January 15, 2004.**

Boston University is an Affirmative Action/Equal Opportunity Employer.

**USA: Massachusetts****Tufts University**

Applications are invited for an Assistant Professorship to begin September 1, 2004. Initial one year contract, renewable to a maximum of three years. Ph. D., evidence of strong teaching ability, and promise of strong research required, with a research focus in stochastic analysis, i.e., the study of high-dimensional stochastic systems using methods from analysis, stochastic processes, ordinary/partial differential equations, and simulation. Areas of expertise sought include, for instance, stochastic differential equations, Monte Carlo Markov chain theory/methodology, random matrices, and empirical process theory. Potential for interaction with current faculty is particularly important. The teaching load will be two courses per semester.

Applicants should send a curriculum vitae and have three letters of recommendation sent to Molly Hahn, Search Committee Chair, Department of Mathematics, Tufts University, Medford, MA 02155. Review of applications will begin **January 26, 2004** and continue until the position is filled.

Tufts University is an Affirmative Action/Equal Opportunity employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

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

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

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

**USA: Missouri****Washington University, St. Louis**

Opening for tenure-track faculty position in Statistics. Candidate should have strong research and teaching credentials. We wish to build our existing statistics program: including population genetics, sampling theory, survival analysis, environmental science, finance. We have ongoing research collaborations with Medicine, Engineering, Business, Social Work. Starting date: Fall, 2004. Teaching load: four semester courses per year. Please have four letters of recommendations sent to Chairman, Department of Mathematics, Campus Box 1146, Washington University, St. Louis, Missouri 63130. At least one should report in detail on candidate's teaching abilities. We will begin reviewing applications on November 30, 2003 and continue until position is filled. Washington University is an affirmative action/equal opportunity employer and specifically invites women and minorities to apply. Employment eligibility verification required on hire. Candidate must have completed the PhD degree. See <http://www.math.wustl.edu>

**USA: Michigan****University of Michigan, Ann Arbor Michigan**

The Department of Statistics anticipates filling one or more positions starting 9/04. Exceptional candidates at all ranks will be considered. Doctorate in Statistics or a related field, excellence in research and teaching required. See [www.stat.lsa.umich.edu](http://www.stat.lsa.umich.edu) for details on areas of special interest. Competitive salary/fringe benefits. Send vitae, three reference letters, evidence of teaching excellence, transcripts (if recent Ph.D.), copies of selected publications to: Faculty Hiring, Department of Statistics, University of Michigan, Ann Arbor MI 48109-1092. Review of applications will commence on January 15, 2004. Women and minorities are encouraged to apply. The University is responsive to the needs of dual career couples. Affirmative Action/Equal Opportunity Employer.

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

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

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

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

**USA: Nebraska****University of Nebraska-Lincoln**

Two tenure-track positions at assistant and associate professor level, University of Nebraska-Lincoln Department of Statistics. Starting date August, 2004, pending final approval. Ph.D. in statistics, outstanding research and teaching potential required. Send vita, transcript, and three references to Statistics Search Committee, 103 Miller Hall, Lincoln, NE 68583-0712. Review of applications begin January 15, 2004, and continue until suitable candidates are found. More information at <http://statistics.unl.edu>. The University of Nebraska is committed to a pluralistic campus community through affirmative action and equal opportunity, and is responsive to the needs of dual career couples. We assure reasonable accommodation under the Americans with Disabilities Act: contact Barb Rolfes at (402) 472-7214 for assistance.

**USA: New Hampshire****Department of Mathematics****Dartmouth College**

Tenure-track Assistant Professorship opening anticipated, with initial appointment in the 2004-2005 academic year, in Applied Mathematics.

A successful candidate should have demonstrated practical experience in using statistical techniques and be eager to take responsibility for the statistics offerings of the department. Projects are currently funded by NSF, NIH, and DoD. Collaborations with Computer Science, the medical and engineering schools, and program in cognitive neuroscience exist. Collaborations and/or appointments in Dartmouth's M.D./Ph.D. program, as well as Dartmouth's Institute for Secure Technologies Studies, are also possible. Teaching duties consist of four ten-week courses over 2 or 3 terms. Get a copy of the application information and the required response form online at <http://www.math.dartmouth.edu/recruiting/>. Or, send a letter of application, curriculum vitae, and a brief statement of research results and interests. Four letters of recommendation should be sent, at least one of which specifically addresses teaching and, if your native language is not English, on your ability to use English in a classroom, to Donna Black, Recruiting Secretary, Department of Mathematics, Dartmouth College, 6188 Bradley Hall, Hanover, NH 03755-3551. Applications received by **January 5, 2004** considered first. Women and minorities are particularly encouraged to apply.

**USA: New York****College of Staten Island, New York**

The Department of Mathematics of the College of Staten Island, a senior college of the City University of New York, seeks candidates for an anticipated tenure-track position in Applied Mathematics beginning February or September 2004. Required: PhD in Applied Mathematics, Statistics, or related field, demonstrated commitment to research, excellence in undergraduate and graduate teaching. Postdoctoral or industrial experience in cross-disciplinary research encouraged. Responsibilities: teaching at the undergraduate/graduate levels, performing department/college service, engagement in an active and productive research agenda, assisting in curriculum development and implementation of an interdisciplinary applied mathematics initiative. Current departmental research: quantum and classical nonlinear-dynamical systems, discrete mathematics, probability theory, fluid dynamics, numerical analysis, and mathematical physics. The successful candidate will present credentials appropriate for appointment to the doctoral faculty of the CUNY Graduate Center. Salary/rank: Assistant Professor, \$47,331 - \$61,111, commensurate with qualifications. Review of applications will begin on November 15, 2003 and continue until the position is filled. Send letter of application, curriculum vitae, short statement describing teaching experience/approach to teaching, research plans, and at least three letters of reference (to be sent separately) to: Chair, Applied Mathematics Search Committee, Department of Mathematics, College of Staten Island/CUNY, 2800 Victory Boulevard, Room 1S-215, Staten Island, NY 10314; E-mail: [position@math.csi.cuny.edu](mailto:position@math.csi.cuny.edu); (inquiries only); Web site: [www.Math.csi.cuny.edu](http://www.Math.csi.cuny.edu) EEO/AA/ADA employer

**USA: New Hampshire****Department of Mathematics & Statistics****University of New Hampshire**

The Department of Mathematics & Statistics at the University of New Hampshire invites applications for a tenure track position at the rank of Assistant Professor, (Outstanding candidates at a higher rank may also be considered.)

The focus areas are in Applied Mathematics and in Statistics; outstanding candidates in related fields are also invited to apply. Preference will be given to candidates who complement existing strengths and augment expertise in new areas consistent with the goals and directions of the Department.

Information regarding research and educational interests and programs in the Department may be found at [www.math.unh.edu](http://www.math.unh.edu). Successful applicants will have strong records, or, for junior applicants, strong potential in research, teaching, graduate mentoring and external funding. The Department has 25 tenure-track faculty and offers programs leading to the BS, MS and Ph.D. degrees. The University is a Land Grant, Sea Grant and Space Grant institution with approximately 13,000 undergraduate and graduate students. It is located near the New Hampshire seacoast and is within sixty miles of Boston, Portland, ME., and the lakes and mountains of New Hampshire.

There are numerous research institutes that provide excellent opportunities for interdisciplinary research. See [www.eos.unh.edu](http://www.eos.unh.edu). The Department application review will begin on **December 15, 2003** and continue until the position is filled. Applicants should send a statement of research accomplishments and plans along with a CV and a statement on teaching and arrange for at least three letters of recommendation to be sent directly to the Department. Applications may be filed electronically at [www.mathjobs.org](http://www.mathjobs.org) or mailed to: Search Committee Chair, UNH, Department of Mathematics & Statistics, Kingsbury Hall, 33 College Road, Durham, NH 03824. UNH is committed to excellence through diversity and strongly encourages women and minorities to apply.

**USA: New Mexico**

## ***Statistical Sciences Group***

**Los Alamos National Laboratory**

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

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

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

To apply, send resume, one-page professional summary, three letters of reference, and copies of transcripts for entry-level applicants to: Statistical Sciences Search Committee, Los Alamos National Laboratory, P.O. Box 1663, MS F-618, Los Alamos, NM 87545. Applications completed prior to January 15, 2004 will receive full consideration.

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

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

**Statisticians are important contributors to the interdisciplinary scientific efforts conducted in each core competency.**

The Statistical Sciences Group was formed in 1998 to provide the Laboratory with a center of expertise in statistics. The group consists of statistical scientists plus supporting personnel, full-time faculty, graduate students, and post-doctoral fellows. It offers challenging opportunities in statistical research and applications for individuals eager to participate in multidisciplinary scientific activities. The group currently has expertise in a range of methodologies including Bayesian methods, biostatistics, computer model evaluation, time series of statistics, Monte Carlo and computer-intensive methods, reliability analysis, spatial modeling, statistical graphics and visualization, and stochastic processes.

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

### **Los Alamos Area**

Los Alamos is situated at more than 7,000 feet on the colorful mesas that extend from the wooded slopes of the Jemez Mountains. The town of about 14,000 people overlooks the El Grande Valley with further views of the Sangre de Cristo range, which forms the northern end of the Rocky Mountains. Los Alamos is a scenic destination with the historic and cultural center of Santa Fe and is just 25 miles from Bandelier National Monument, the site of ancient Native American cliff dwellings. Opportunities for outdoor activities such as hiking, fishing, mountain biking, and hiking abound in the Los Alamos area.





**USA: New York****Columbia University**

Department of Statistics invites applications for a senior position beginning Fall, 2004, and a junior position beginning Fall, 2005, or possibly earlier. All areas of statistics will be considered.

Evidence of excellent research and teaching with interest in statistical applications required. Send covering letter, C.V. and three reference letters to: Search Committee, c/o Shaw-Hwa Lo, Chair, Department of Statistics, Columbia University, New York, NY 10027.

All applications will be considered until the positions are filled.

Columbia University is an Affirmative Action/Equal Opportunity Employer.

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

The Department of Statistical Science at Cornell University invites applications for a rank open faculty position to begin September 2004. Applicants from all areas of statistics will be considered. A Ph.D. in Statistics and commitment to outstanding research and teaching at both the undergraduate and graduate levels are required. The ability to participate in interdisciplinary programs is desirable. See [www.stat.cornell.edu](http://www.stat.cornell.edu) for more information.

Send a curriculum vitae and a statement of research/teaching interests and arrange for three letters of recommendation to be sent to Search Committee, Department of Statistical Science, Cornell University, 301 Malott Hall, Ithaca, NY 14853. Women and minority candidates are especially encouraged to apply. Cornell University is an affirmative action/equal opportunity employer.

**USA: New York****Cornell University, School Of Operations Research & Industrial Engineering**

Tenure-track or tenured position. Rank open. PhD required in statistics, OR, CS, or related field. Expertise and/or interest in data mining. Excellence in research and teaching is required. ORIE at Cornell is a diverse group of statisticians, probabilists, math programmers, and those working in simulation and manufacturing systems. An ideal candidate will have broad training and interests. Membership in Cornell's Department of Statistical Sciences or Faculty of Computing and Information would be possible, depending on candidate's interests and desires.

CV, 1-page statement of research and teaching interests, doctoral transcript for junior applicants, and four letters should be sent to Statistics Search, ORIE, Rhodes Hall, Cornell University, Ithaca, NY 14853-3801. Applications completed by **December 20, 2003** given preference.

More information at <http://www.orie.cornell.edu>. Women and minority candidates especially encouraged to apply. Cornell University is an AA/EOE.

**USA: North Carolina****ASSISTANT RESEARCH PROFESSOR**

The Computational and Applied Genomics Program (CAGP) at Duke University invites applications from an Assistant Research Professor position in statistics and computation for genomics. This is a full-time research position primarily in the Department of Molecular & Genetics and Microbiology. Duties include the development of Bayesian statistical models and methods for genomic applications. Priority will be given to applicants with research interests and existing publications in Bayesian statistical modeling, graphical models and statistical computation on distributed cluster machines. The applicant will also participate in teaching and advising students in statistics and genomics. Requirements include a PhD in statistics and at least two years' experience in Bayesian statistical modeling research and experience in genomic applications. Application deadline: **December 1, 2003**.

Applications and inquiries should be made at the website [www.cagp.duke.edu](http://www.cagp.duke.edu) and via email, including CAGP positions letter for searching candidates to [search@math.uncc.edu](mailto:search@math.uncc.edu) for a letter of recommendation to be received in hard copy mail to: CAGP Assistant Research Professor Search, Duke University, Box 2800, Durham, NC 27820. CAGP Building, Room 1010, Box 2800, Durham, NC 27820.

**Duke University**

[www.cagp.duke.edu](http://www.cagp.duke.edu) is a computer application for searching candidates and applications.

**USA: North Carolina****University of North Carolina at Charlotte**

Tenure-track Assistant Professorship beginning August 2004. PhD in Statistics or Biostatistics, demonstrated strength at research, strong commitment to teaching. Preference to candidates experienced in applied areas such as biostatistics or econometrics. Deadline **January 15**.

Submit complete resume, description of research interests, statement of teaching and arrange three letters of references: Stat Search Committee, Department of Mathematics, University of North Carolina Charlotte, Charlotte, NC 28223. <http://www.math.uncc.edu/> AA/EOE: Women and underrepresented minorities are urged to apply.

## USA: North Carolina



## Postdoctoral Fellowships for 2004-2005

The Statistical and Applied Mathematical Sciences Institute is soliciting applications from statistical and mathematical scientists for up to **five** postdoctoral positions, to begin in September, 2004, or January, 2005. Appointments, at extremely competitive salaries, will typically be for two years and be made jointly between SAMSI and one of its Partners. Applicants should have received (or expect to complete) a doctorate in 1999 or later. Members of under-represented groups are particularly encouraged to apply.

SAMSI, located in Research Triangle Park in North Carolina, is a partnership between the National Science Foundation and the consortium of Duke University, North Carolina State University (NCSU), the University of North Carolina at Chapel Hill (UNC), and the National Institute of Statistical Sciences (NISS). SAMSI is forging a new synthesis of the statistical sciences and the applied mathematical sciences with disciplinary science to confront the very hardest and most important data- and model-driven scientific challenges. For more information, see [www.samsi.info](http://www.samsi.info).

**SAMSI programs** planned for the year 2004-05 are:

*Computational Biology of Infectious Disease*, with emphasis on both population dynamics (with topics ranging from epidemiology to evolution) and genomic dynamics (Fall 2004 – Spring 2005).

*Social Sciences*, with focus on use of latent variables at the interface of multilevel and structural equation modeling, longitudinal analysis, social networks and causality (Fall 2004 – Spring 2005).

*Data Assimilation*, with emphasis on model adaptation, assimilation of data in coupled models, optimal design for data assimilation, and assimilation of non-prognostic variables (Spring 2005).

Postdoctoral Fellows will participate in one or more of these research programs, in collaboration with statisticians, applied mathematicians and disciplinary scientists from universities, industry, national laboratories and government agencies.

**Criteria for selection** include demonstrated research ability in statistical and/or applied mathematical sciences, interest and (to a lesser degree) experience in the SAMSI program areas and vision, and strength in computation and in verbal and written communication.

Applications should consist of a letter of interest containing addresses (including E-mail), telephone numbers and citizenship status; three letters of reference; a biographical sketch; a publication record or thesis topic, with abstracts of important items; and a one-page statement of interest responding to the criteria and projects listed above. The items should be submitted electronically, as PDF files if possible (Microsoft Word and PostScript are also acceptable), and sent to [postdoc-application@samsi.info](mailto:postdoc-application@samsi.info). Also send requests for additional information to this address. Those preferring to submit applications by mail, can send them to SAMSI, P.O. Box 14006, Research Triangle Park, NC 27709-4006. The deadline for full consideration is February 15, 2004, although later applications will be considered as resources permit. Appointments may be made at any time.

SAMSI is an AA/EEO employer

**USA: North Carolina****University of North Carolina at Chapel Hill  
Department of Statistics & Operations Research  
Carolina Center for Genome Sciences**

The Department of Statistics & Operations Research and the Carolina Center for Genome Sciences invite applications for a tenure-track position at the Assistant Professor level starting July 1, 2004. Ph.D. in Statistics, Operations Research, or closely related area required with research interests in methodology of bioinformatics/genomics and strong theoretical training. Applicants should have exhibited excellence, or excellent potential, in research and teaching, and external funding, and will be expected to integrate their research with the University's ongoing initiative in bioinformatics/genomics.

Detailed advertisement at <http://www.stat.unc.edu>. Applicant review begins **January 1, 2004**, but applications accepted until position is filled. New Ph.D.s should include a graduate transcript with the application. All applicants should arrange for four letters of recommendation to be sent to the address below. At least one of the letters should include comments on the applicant's teaching ability. Send application to: Search Committee, Department of Statistics & Operations Research, CB #3260, University of North Carolina, Chapel Hill, NC 27599-3260.

UNC-CH is an EOE/ADA employer and encourages applications from women and members of ethnic minorities.

**USA: Ohio****Wright State University, Department of  
Mathematics and Statistics, Dayton, OH  
45435**

One tenure track assistant professorship in statistics starting Fall, 2004. Research interests compatible with the department's current statistics faculty preferred.

Applicants must complete all requirements for the Ph.D. in Statistics, or equivalent degree, by September 1, 2004. Successful teaching experience at the university level preferred. A strong commitment to quality teaching and an excellent research record or potential are both essential. Usual teaching load is two courses. Competitive salary and excellent fringe benefits. The department has 30 PhD faculty and offers masters degrees. Please send vita, graduate transcript(s), and have three letters of reference sent to: Statistics Search Committee. For full consideration, applications must be received by **December 31, 2003**. Applications accepted until positions are filled or July 1, 2004. See [www.math.wright.edu](http://www.math.wright.edu). WSU is an AA/EOE.

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

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

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

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

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

**USA: Ohio****Case Western Reserve University**

The Department of Statistics in the College of Arts and Sciences at Case Western Reserve University seeks applications for Chair of Department starting August 2004. Candidates must have a PhD in statistics or equivalent and academic credentials justifying appointment as a professor at a research university. Commitment to excellence in research, teaching and service, and enthusiasm for interdisciplinary work are essential. Send vita and arrange for four letters of recommendation to be sent directly to: Statistics Chair Search Committee, c/o Cynthia Stilwell, College of Arts and Sciences, Case Western Reserve University, 10900 Euclid Avenue Cleveland, OH 44106-7068. Screening will begin **February 1, 2004** and continue until the position is filled. CWRU is an AA/EOE. Applications from women and minority candidates are encouraged. For more information see <http://stat.cwru.edu>

**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](mailto: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: Oregon****Portland State University, Department of Mathematics & Statistics****Assistant/Associate Professor Position in Statistics**

Applications are invited for an Assistant or Associate Professor position in Statistics beginning September 16, 2004. All areas of Statistics will be considered. Duties include teaching and research in Statistics. Selected candidate will join a group of statisticians supporting an M.S. degree in Statistics and a Ph.D. in Mathematical Sciences of which Statistics is a part. Candidates for an Assistant Professor position are expected to have completed a doctoral degree in Statistics or a Mathematical Science with an emphasis in Statistics and show evidence of outstanding research potential and a strong commitment to excellence in teaching. In addition, candidates for an Associate Professor position are expected to have already developed an outstanding research record including evidence of securing grants to support research work. Candidates with a biostatistics, bioinformatics, genomics and/or medical research interests will have an opportunity to do collaborative work with faculty at the nearby Oregon Health & Sciences University. Qualified applicants are invited to submit an application including (1) a curriculum vitae, (2) three letters of recommendation, (3) a teaching statement, and (4) a research statement. Send materials to

Statistics Search Committee, Department of Mathematics & Statistics, Portland State University  
P.O. Box 751, Portland, OR 97207-0751

Further program information is available on our home page <http://www.mth.pdx.edu>. Questions? Call (503) 725-3621 or send email to [statsearch@mth.pdx.edu](mailto:statsearch@mth.pdx.edu). Review of files will start **December 31, 2003** and continue until the position is filled.

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

**USA: Pennsylvania****STATISTICS FACULTY POSITIONS**

The Department of Statistics at Penn State has an open faculty position at any rank beginning August 15, 2004. 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 provide service and consulting. Qualifications: Requires Ph.D. in Statistics or related field. Candidates must demonstrate potential for excellence in research and teaching. Please note that the search for the Eberly Chair also continues. See [www.stat.psu.edu](http://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, 3261 Thomas Building, University Park, PA 16802-2111, USA. Screening will begin **December 10, 2003**, and continue until the positions are filled. Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

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

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 statistics and probability. The starting date for the position is July 1, 2004. Applicants are expected to have demonstrated outstanding high caliber research either in theory or in the combination of theory and novel applications to life or natural sciences. Tenure applicants should have achieved international recognition and should have made first-class contributions in their specialties. Additionally, applicants for Full Professor should be leading figures in their fields and should be prepared to assume a leadership role in statistics and/or probability at Brown. Good communication and teaching skills are expected of all the applicants.

Applicants should submit curriculum vitae, representative preprints or reprints, and a concise description of research interests and goals to:

**Attn: Statistics and Probability Search  
Professor Chi-Wang Shu, Chairman  
Division of Applied Mathematics  
Brown University  
Providence, Rhode Island 02912**

Additionally, candidates for Assistant Professorships should arrange to have at least three letters of recommendation sent directly to the Search Committee at this same address. Candidates for Associate or Full Professor should provide names and contact information for at least five references; they will be contacted by the search committee.

*To receive full consideration, complete applications should be received by December 15, 2003.*

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



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

Applications are invited for two anticipated tenure-track Assistant Professor positions beginning August 2004 (one position 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: Texas****Texas A&M University, College Station, TX****Department of Statistics****Training Program for New and Established Investigators in Bioinformatics and Biostatistics**

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

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

AA/EOE

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

Two tenure-track Assistant Professor positions starting August 2004. Must have Ph.D. in a mathematical science, a commitment to undergraduate and graduate teaching, and the potential for continuing research. Strong preference for one of the two positions given to applicants who can teach operations research, applied discrete mathematics, or statistics. Normal teaching load is nine hours per week for faculty conducting research. Competitive salary.

Address vita and three letters of recommendation to Deanna Caveny, Department of Mathematics, College of Charleston, Charleston, SC 29424-0001. Review of applicants for on-campus interviews will begin on January 12. Additional information available at <http://www.math.cofc.edu> or [cavenydc@cofc.edu](mailto:cavenydc@cofc.edu). AA/EOE.

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

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

Faculty Search Committee, Department of Statistics, Texas A&M University, 3143 TAMU, College Station, TX 77843-3143. Evaluation of applications will begin **December 10, 2003**. <http://stat.tamu.edu> AA/EOE

**USA: Washington****University of Washington****Faculty Positions in Biostatistics**

Applications for a tenure-track position at the Assistant or Associate Professor level and one or more research track positions at the Assistant, Associate, or Full Professor level. Candidates must have a Ph.D. in biostatistics, statistics, or mathematics. Duties to include methodological research, biomedical research collaboration, and teaching. Send letter of interest, curriculum vitae, and four signed, original letters of reference by **December 31, 2003** to:

Biostatistics Search, Department of Biostatistics, Box 357232, University of Washington, Seattle, WA, 98195

Please visit [www.biostat.washington.edu](http://www.biostat.washington.edu)

Applications accepted until position is filled. The University of Washington is an AA/EOE employer.



**USA: Utah****UTAH STATE UNIVERSITY****Department of Mathematics and Statistics**

Applications are invited for two or more tenure track Assistant Professor positions in statistics or applied probability, to begin August 2004. Candidates must have a Ph.D. in statistics, probability, or a closely related field and must demonstrate a strong potential for excellence in research and both undergraduate and graduate teaching. Preference will be given to candidates with interest and experience in bioinformatics, biostatistics, or modern computational and graphical statistics.

Review of applications begins on **December 1, 2003**.

Utah State University is an Equal Opportunity/Affirmative Action employer, with a National Science Foundation ADVANCE Gender Equity program. The department has multiple open searches in other areas. See full position announcement at <http://www.math.usu.edu> for additional details and application procedure.

**USA: Virginia****University of Virginia**

The Department of Statistics at the University of Virginia has the following openings for appointments to begin in the Fall 2004 term:

- a Tenure-Track Assistant Professorship
- a three-year Instructorship

The research area for both positions is open, but we particularly seek applications from individuals whose research interests complement existing departmental strengths and who have an ability and interest in interacting with researchers in other university units.

The Department has a small but active faculty, and offers both M.S. and Ph.D. degrees. Many of our graduate students pursue a program of study with an emphasis in biostatistics, supervised jointly with faculty in the Division of Biostatistics contained in the UVa School of Medicine.

Review of applications will begin immediately. All completed applications arriving by **January 15, 2004** will receive full consideration, and those arriving later will be reviewed until the position is filled. Applicants should send a cover letter describing teaching and research interests, graduate transcripts, and a CV to

Faculty Search Committee

Department of Statistics

University of Virginia


P.O. Box 400135

Charlottesville, VA 22904-4135

In addition, applicants should arrange to have at least three letters of recommendation sent directly to the above address.

The University of Virginia is an equal opportunity/affirmative action employer.

Institute of Mathematical Statistics



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Awards & Honors

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The jobs page on the IMS website is updated regularly:  
have you checked it recently?

<http://www.imstat.org/jobs>

Do you have a position to advertise? click here

International - Employment Opportunities

Posted	Employer	Location
Nov-4-03	<a href="#">University of Bristol</a>	Bristol, United Kingdom
Nov-4-03	<a href="#">University of Cambridge</a>	Cambridge, U.K.
Oct-28-03	<a href="#">University of Waterloo</a>	Waterloo, Canada
Oct-20-03	<a href="#">University of Bristol</a>	Bristol, United Kingdom
Oct-20-03	<a href="#">National Sun Yat-sen University</a>	Kaohsiung, Taiwan

**USA: Washington****University of Washington, Seattle, USA.**

Tenure-track Assistant Professor, joint in the Department of Statistics and one of the Departments of Anthropology, Economics, Geography, Political Science, or Sociology, as part of the Center for Statistics and the Social Sciences (CSSS) ([www.csss.washington.edu](http://www.csss.washington.edu)). We seek a faculty member contributing at the cutting edge to the development of statistical methodology relevant to the social sciences. Duties include new course development, teaching, and methodological and collaborative research. Ph.D. required by date of appointment. Send CV and 3 letters of recommendation to Nick Ganoulis, Administrator, CSSS, Box 354320, University of Washington, Seattle, WA 98195-4320. Priority will be given to applications received by **December 15, 2003**. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. AA/EOE.

**USA: Washington****ASSISTANT PROFESSOR****University of Washington.**

The Center for Studies in Demography and Ecology intends to make a tenure-track appointment in the area of population and environment or population and health. The appointment will be in one of our affiliate departments: Anthropology, Economics, Geography, Political Science, Sociology or Statistics. The position will provide 50% salary support, with the other 50% expected to come from the applicant's funded projects. Ph.D. required by the start of appointment. Duties include undergraduate and graduate teaching and independent research. Expertise in quantitative methods, including (but not limited to) complex multi-level modeling (computer simulation, agent-based modeling, spatio-temporal modeling, etc.) is highly desirable.

Applications, including a curriculum vitae, statement of research and teaching interests, and three letters of recommendation, should be sent to Jean Brouelette, Administrator, Box 353412, University of Washington, Seattle, WA 98195. Base salary for nine-month academic year is competitive and commensurate with qualifications and experience. Priority will be given to applications received before **January 15, 2004**. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. The University is an Equal Opportunity/Affirmative Action employer.

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

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

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

Send AMS Standard Cover Sheet, vita, research plan, teaching philosophy, and 3 letters of recommendation (one about teaching) to: Chairperson, Department of Mathematical Sciences, UWM, P.O. Box 413, Milwaukee, WI 53201.

Review of applications begins **11/01/03**, continuing until the position is filled.

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

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

**USA: Wisconsin****Medical College of Wisconsin**

The Division of Biostatistics of the Medical College of Wisconsin, has an opening at the senior level for a director of its graduate program in Statistical Genetics. The Division also has a position at the assistant professor level. Send application for either position to John Klein, Division of Biostatistics, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53226, email: [klein@mcw.edu](mailto:klein@mcw.edu).

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*Do you have a position to advertise? The deadline for the January/February issue is **January 1, 2004**.*

*Send your advert to Elyse Gustafson: see the "Information for Advertisers" inside the back cover.*

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# International Calendar of Statistical Events


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



## November 2003

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

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

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

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

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

## December 2003


**18–20:** Hong Kong. Bernoulli Society East Asian and Pacific Regional (EAPR) Conference 2003. Keynote speakers are David Aldous, Friedrich Gotze, Zhi-ming Ma, Wing Hung Wong and C. F. Jeff Wu. **w** <http://www.bm.ust.hk/~eapr2003>

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


**28–31:** Calcutta, India. 5th International

Triennial Calcutta Symposium on Probability and Statistics. **w** <http://www.calcuttastatisticalassociation.org>

## January 2004

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

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


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


## March 2004

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


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

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


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


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



## April 2004

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

## May 2004

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

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

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

**20–22:** Quebec City, Canada. International Conference on Dependence Modelling: Statistical Theory and Applications in Finance and Insurance (DeMoSTAFI). Sponsored by CRM, IFM2, SSC, and Université Laval. Program Chair: Christian Genest; Local Arrangements: Michel Gendron. **w** <http://www.fsa.ulaval.ca/demostafi/> **e** [demostafi@mat.ulaval.ca](mailto:demostafi@mat.ulaval.ca)

**23–27:** Viña Del Mar, Chile. ISBA2004

*Continued on next page...*

# International Calendar continued

World Meeting. **w** <http://www.bayesian.org>

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

## June 2004

**NEW** **9–12:** Protaras, Cyprus. **Workshop on Recent Advances in Time Series Analysis.** <http://www.ucy.ac.cy/~rats/> Contact Theofanis Sapatinas, University of Cyprus: [t.sapatinas@ucy.ac.cy](mailto:t.sapatinas@ucy.ac.cy)

**16–18:** Santander, Spain. **Distribution Theory, Order Statistics and Inference - A Conference in Honor of Barry C. Arnold.** Organizers: Prof. N. Balakrishnan [bala@mcmaster.ca](mailto:bala@mcmaster.ca), Prof. Enrique Castillo [castie@unican.es](mailto:castie@unican.es), Prof. Jose-Maria Sarabia [sarabiaj@unican.es](mailto:sarabiaj@unican.es)

**NEW** **21–25:** Santa Fe, New Mexico. **MMR2004: Fourth International Conference on Mathematical Methods in Reliability Methodology and Practice** <http://www.stat.lanl.gov/MMR2004/index.htm> Contributed abstracts due February 1, 2004

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

**NEW** **ims** **27–30:** **[NB NOTE AMENDED DATE]** Albuquerque, New Mexico. **WNAR Western Regional Program Chair** Jason Fine [jfine@biostat.wisc.edu](mailto:jfine@biostat.wisc.edu)

**NEW** **27–July 2:** Ascona, Switzerland. **Workshop on Statistics in Functional Genomics.** [http://www.stat.math.ethz.ch/talks/Ascona\\_04](http://www.stat.math.ethz.ch/talks/Ascona_04) Contact Christina Künzli [kuenzli@stat.math.ethz.ch](mailto:kuenzli@stat.math.ethz.ch)

## July 2004

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

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

**NEW** **11–16:** Cairns, Australia. **International Biometrics Conference 2004 and 2004 Australian Statistical Conference** Travel Support: Funding anticipated, see website for details or contact Lynne Billard, [lynne@stat.uga.edu](mailto:lynne@stat.uga.edu) **w** <http://www.ozaccom.com.au/cairns2004>

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

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

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

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

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

## August 2004

**NEW** **ims** **4–6:** York University, Toronto. **New Researchers Conference: NRC2004** Peter Song (Program Chair), York University, [song@mathstat.yorku.ca](mailto:song@mathstat.yorku.ca) **w** <http://www.math.yorku.ca/StatsSection/NRC>

**ims** **6–7:** Fields Institute, Toronto. **New Directions in Probability Theory** IMS Program Chair: Maury Bramson [bramson@math.umn.edu](mailto:bramson@math.umn.edu) **w** <http://www.imstat.org/meetings/ndpt>

**ims** **8–12:** Toronto, Canada. **Joint Statistical Meetings (ASA/IMS/ENAR/ WNAR).** Sponsored/Numbered. IMS Program Chair: Michael Evans, U of Toronto [mevans@utstat.utoronto.ca](mailto:mevans@utstat.utoronto.ca)

**NEW** **18–21:** Bedlewo, near Poznan, Poland. **The Thirteenth International Workshop on Matrices and Statistics, in Celebration of Ingram Olkin's 80th Birthday.** Contact Augustyn Markiewicz [amark@owl.au.poznan.pl](mailto:amark@owl.au.poznan.pl) or <http://matrix04.amu.edu.pl/>

**23–27:** Charles University, Prague, Czech Republic. **Compstat2004.** **w** <http://www.compstat2004.cuni.cz>

## September 2004

**NEW** **2–4:** Oviedo, Edificio Histórico, SPAIN. **2nd International Conference on Soft Methods in Probability and**



Statistics: SMPS2004. <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](mailto:smps2004@correo.uniovi.es)

## December 2004

29–1 January 2005: Birla Science Museum, Hyderabad, India. **International Conference on the Future of Statistical Theory, Practics and Education.** e [crr1@psu.edu](mailto:crr1@psu.edu) w <http://www.stat.ohio-state.edu/~hnn/hydstatconf.html>

## January 2005

 6–8: Banaras Hindu University, Varanasi, India. **International Workshop/Conference on Bayesian Statistics and its Applications.** <http://www.bayesian.org/> Contact S.K. Upadhyay, Convener, [sku@bhu.ac.in](mailto:sku@bhu.ac.in)

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

## April 2005

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

## May 2005

 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

12–15: Saskatoon, Canada. **SSC2005: Annual Meeting of the Statistical Society of Canada.** e [bickis@math.usask.ca](mailto:bickis@math.usask.ca)

## July 2006

3–6: Auckland, New Zealand. **Australian Statistics Conference & New Zealand Statistical Association Conference.** David Scott e [d.scott@auckland.ac.nz](mailto:d.scott@auckland.ac.nz)

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# In the next issue (January/ February 2004)

**Profiles of recent award recipients, as well as news from members around the world, meeting announcements and job opportunities. Send in your articles, feedback, letters...**

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