



November/December 2004

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Joined-up Thinking

Louis Chen, IMS President, and Donald Dawson, Bernoulli Society President, write:

We are very pleased to announce that our two societies have created a joint Bernoulli Society/IMS membership, beginning in 2005.

Our two societies share common objectives, namely the advancement of probability and statistics and their applications.

The Bernoulli Society was created in 1975 as a section of the International Statistical Institute which in turn goes back to 1853. The Institute of Mathematical Statistics was created in 1935. The two societies have worked together for a number of years on joint activities. Since 1990 every four years the Annual Meeting of the IMS has been held jointly with the World Congress of the Bernoulli Society. These meetings have become major international events that have brought together probabilists and statisticians from around the world. More recently the two societies have co-sponsored a number of other meetings and are jointly sponsoring the new electronic journal *Probability Surveys*.

The two societies will continue to work together to provide joint activities for our community and the new joint membership category provides individuals the opportunity to participate in both societies. Joint members will enjoy all benefits of both societies at substantial savings (the 2005 joint fee is US\$116). The benefits of joint membership include the Bernoulli Society journal *BERNOULLI*, *Bernoulli News*, the *IMS Bulletin*, electronic access to all IMS journals and reduced registration fees at meetings of both societies.

We believe joint BS/IMS membership provides an important new option for our members and look forward to increased participation by members of both societies.

Louis Chen, President, IMS

Don Dawson, President, Bernoulli Society



Please post these posters prominently!

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Member News

Olle Häggström at Chalmers University of Technology, Gothenburg, Sweden has been elected fellow of the Nobel Prize awarding Royal Swedish Academy of Sciences. The Academy, founded in 1739, is divided into classes, and Olle is a fellow of the First Class, Mathematics.

Olle works in particle systems and percolation and is an associate editor of the *Annals of Applied Probability*. He gained his PhD from Chalmers. With his election to the Academy, the Mathematics Class has two representatives of our science (and also IMS members) among its ten fellows, for the first time in its history.



Brajendra Sutradhar receives University Research Professor Award Professor Brajendra Sutradhar of Memorial University of Newfoundland, Canada, has been awarded the title of University Research Professor, a post tenable for five years from September 1, 2004. The University Research Professorship is regarded as the highest award for research at Memorial, ranking equally with the Henrietta Harvey Professorship. Memorial confers this title to at most two professors in any one year and the award carries with

it remission of teaching duties and a research and travel stipend for five years. Professor Sutradhar has made leading contributions in various areas of statistics, such as distribution theory for heavy tailed non-normal data, generalized linear models for longitudinal data, generalized linear mixed models, and generalized linear mixed longitudinal models with biostatistical applications.

Professor Madan L. Puri of Indiana University has been named the College of Arts and Sciences Distinguished research Scholar at Indiana University.

Barry R Davis, Professor and Director of Biostatistics at the University of Texas School of Public Health, has been named the 2004 President's Scholar for Research at the University of Texas Health Science Center at Houston. The award is given annually and recognizes research achievement at the health sciences university of over 1000 faculty. Davis is the first statistician to receive this award.

Davis received his PhD in Applied Mathematics from Brown University and his MD from the University of California at San Diego. He is a Fellow of ASA, past Chair of the ASA Biometrics Section, and past President of the Society for Clinical Trials.

IMS Fellow Dr Zakkula Govindarajulu, Professor of Statistics at the University of Kentucky is spending his sabbatical leave for the year 2004-05 in the Department of Statistics at the University of California, Berkeley. Professor Govindarajulu was elected a member of the New York Academy of Sciences in June 2004.

IMS FELLOW NOMINATIONS

Deadline: January 31, 2005

If you are nominating someone for IMS Fellowship, please read the instructions carefully. See page 12 for more information.

First IMS Lecture Program in Philippines

The newly established IMS Lecture Program has got off to an excellent start, with a Stanford professor visiting the University of the Philippines to deliver two lectures. The IMS Lecture Program provides funding for prominent statisticians and probabilists to give lectures in developing countries. IMS pays travel expenses and the host institution covers local expenses.



David Donoho delivering his first lecture

David Donoho, Professor of Statistics as well as Anne T and Robert M Bass Professor of Humanities and Sciences at Stanford University, visited the School of Statistics of the University of the Philippines on August 30 to 31, 2004. The visit coincided with the year-long celebration of the 50th Anniversary of the School of Statistics.

Professor Donoho, an expert on wavelet analysis and its applications, delivered two lectures, *"The Romance of Hidden Components"* and *"Model Selection and Penalization"*, in the Auditorium of the School of Statistics. About 200 undergraduates, graduate students, and faculty members from the School of Statistics and the Departments of Mathematics and Computer Science attended both lectures.

During the two-day visit, Professor Donoho also met with faculty members and some PhD students from the School of Statistics. He was delighted by the number of courses as well as the wide range of specialization being offered in the undergraduate program of the School of Statistics. The School of Statistics, established in 1953, offers both undergraduate and graduate programs: Master of Statistics, Master of Science and Doctor of Philosophy.

Professor Lisa Grace S Bersales, Dean of the School of Statistics, hosted a dinner for Professor Donoho on August 31. The dinner was attended by faculty members of the School of Statistics and guests from the statistical community, headed by Administrator Carmelita Ericita of the Philippine National Statistics Office.



[L-R]: David Donoho with former Deans Buenaventura and Tabunda and Current Dean Bersales.



David Donoho with members of the faculty

Future Lecture Program Plans

IMS President-Elect Tom Kurtz will be visiting Vietnam on the IMS Lecture Program from 5 to 12 January 2005. Details are not finalized, but he will probably be visiting Ho Chi Minh City as well as Hanoi. More details in the next issue.

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IMS Journals on arXiv

Elyse Gustafson (IMS Executive Director) and Jim Pitman (Chair of the IMS Publications Committee), explain:

In March 2004, the Council of the Institute of Mathematical Statistics made a bold move to usher IMS journals into open access, by approving a motion to post all IMS articles in their entirety on <http://arXiv.org>. IMS has now begun the process of posting these articles, and IMS content can now be seen on arXiv. To learn more about arXiv, please take a moment to consider our answers below to some frequently asked questions. To learn more about the open access movement, which aims to put peer-reviewed scientific and scholarly literature on the internet, and make it available free of charge and free of most copyright and licensing restrictions, see Open Access News (<http://www.earlham.edu/~peters/fos/fosblog.html>).

What is arXiv?

Started in August 1991 at the Los Alamos National Laboratory, the arXiv site is a fully automated electronic archive and distribution server for research articles, now owned and operated by Cornell University, and partially funded by NSF. The main fields it covers are physics, mathematics, non-linear science, computer science, and quantitative biology. Recently, arXiv has cooperated with IMS and the Bernoulli Society to open up a new statistics category within mathematics. We expect this category to eventually grow into a top level archive comparable to e.g. mathematics and physics.

The following general information is from <http://arXiv.org/help/general>. Users can also register to automatically receive a listing of newly submitted papers in areas of interest to them, when papers are received in those areas. These listings are sent by e-mail. Facilities to view recent submissions and to search old submissions are also provided via the world wide web interface. Authors can update their submissions if they choose, though previous versions remain available. See for instance <http://arXiv.org/abs/math.GT/0306188> for how the final version of a paper published in Geometry and Topology appears, together with its preprint version, and a link to the main journal site. In this instance the arXiv final version is typographically almost identical to a version on the main journal site, and copyrighted by the publisher.

Why are IMS journal articles being placed on arXiv?

IMS wishes to demonstrate by example that high quality journals supported by the academic community can provide adequate revenue to their publishers even if all of their content is placed on open access digital repository such as arXiv. A steady flow of IMS

content into the PR (probability) section and the new ST (statistics) section of arXiv should help create an eprint culture in probability and statistics, and be of general benefit to these fields. By guaranteeing growth of these sections of arXiv, IMS will support the practice of authors self-archiving their papers by placing them on arXiv. This practice should put some bound on the prices of subscriptions to commercial journals. Many commercial publishers now concede the right of authors to self-archive their articles (<http://www.sherpa.ac.uk/romeo.php>). IMS policy is to educate its members to insist on that right.

Professional deposit of all IMS articles on arXiv, rather than deposit of just some articles by their authors, provides an additional archival record of IMS content besides copies kept in different formats on Euclid and JSTOR. IMS can also ensure that each of its articles placed on arXiv is properly equipped with a link to the article as it appears on the main journal site, thereby increasing the visibility of its journals in the online universe.

How are IMS journal articles appearing on arXiv?

Instead of providing typographically identical copies, the versions of IMS journal articles on arXiv currently appear more like high quality pre-prints, which differ in pagination and typographic detail from their printed versions. According to previous IMS policy, authors had the right to place such electronic reprints of their articles on arXiv. IMS has now taken the further step of making such placements part of the normal publication process.

How will placing papers on arXiv affect people's research?

It should disseminate their work more widely, give their work greater impact, and make it more easily searched and retrieved, e.g. by combining a Google search key with "site: arXiv.org", which does a full-text search of all arXiv documents. IMS expects to be able to cooperate with arXiv and Google or other search providers to allow free full-text searches restricted to either the PR or ST sections of arXiv. Google style output from such searches could then be filtered and enhanced in various ways e.g. to provide links to abstracts, reviewing services, or lists of references in BibTeX or other formats for re-use in bibliographic work.

What interfaces are available for viewing articles?

In addition to the basic interface provided by <http://arXiv.org>, the Front for the Mathematics arXiv at <http://front.math.ucdavis.edu> is an arXiv overlay (<http://front.math.ucdavis.edu/overlays>) maintained at UC Davis. This server automatically retrieves abstracts of new and revised articles in the mathematics arXiv from the

main site, Sunday through Thursday evening, and then offers them for searching and browsing. It does not keep copies of the articles, but has hyperlinks to arXiv mirror sites. It provides instructions for submitting to the arXiv, but does not process submissions. That can only be done via <http://arXiv.org>. Direct links to the probability and statistics sections of arXiv via the Davis Front are <http://front.math.ucdavis.edu/math.ST> and <http://front.math.ucdavis.edu/math.PR>.

Won't IMS lose subscriptions by placing all its journal articles on arXiv?

After talking with many librarians responsible for subscription decisions (including those at U C Berkeley, Courant Institute, U of Minnesota, and U of Washington), we believe the answer to this question is not many. Librarians are telling us they want to subscribe to journals in a traditional journal structure as provided by Project Euclid, with more advanced searches than Google, and a pleasant means of browsing issues. Such facilities are not provided by arXiv. IMS plans to continue to work with Euclid to improve the quality and attractiveness of Euclid's offering, and to maintain the identity of Euclid as the primary source of IMS journal content which should be supported by institutional subscriptions.

What should authors do next?

If you aren't familiar with arXiv, visit <http://arXiv.org> and learn how to post your preprints there. Make a habit of doing so whenever you submit to a journal, and when a final version is accepted by a journal, update your preprint to incorporate changes made in the refereeing process, so a post-refereed pre-press version of your article is also available on arXiv. As far as we know, no journals in mathematics or statistics forbid posting of preprints on arXiv, though some journals in other fields of science and medicine do forbid it. For papers you are publishing with IMS, let us know if there is an arXiv version so we can update it with the published version as soon as that is available. The copyright contracts of some publishers appear to discourage placement of post-refereed versions on arXiv. However, there is ambiguity in such contracts due to the distinction between the author's final version of an article as it would appear on arXiv, and the publisher's final version. We recommend that you look carefully at publisher's contracts, and modify them as necessary to retain the right to post your own versions of the paper on your own homepage, or, what is much better for long-term access, in an open access digital repository such as arXiv. ✱

Hitchhiking: Some mathematical problems from population genetics



Alison Etheridge gave one of the Medallion Lectures at the IMS Annual Meeting in Barcelona. For those who didn't make it, she writes:

If we are to make inferences from genetic data, then we must understand how genes evolve as they pass through different genetic backgrounds. Since genes

are organised on chromosomes and these in turn are grouped into individuals, each gene is linked to other genes. Thus, even if a gene is itself 'neutral', it will be influenced by selection acting on other linked genes. This is known as a *hitchhiking effect*.

Hitchhiking effects are important in several ways. For example, they lead to interference between selection at different genetic loci which limits the effectiveness of natural selection. What is important to us here is that they also allow selection to be detected from its effects on DNA sequence variation at a linked neutral locus. Typically we do not know which sites on the genome are subject to selection, but we do know the locations of a collection of so-called 'neutral markers'. If the sequence variation at a neutral marker differs significantly from what we would expect under a model of neutral evolution, then that suggests that there may be some evolutionary force in action at a linked locus and this can help us in the search for selected loci.

The work presented in this lecture is concerned with the quantification of this hitchhiking effect. Our approach is to simultaneously model the fluctuations in frequencies at the selected locus and the genealogical relationships between individuals in a sample from a linked neutral locus. By superimposing mutations on the genealogy (family trees), one can then infer a model of sequence variation at the neutral locus.

We provide a numerical illustration of our methods in the context of so-called 'balancing selection'. This is a mechanism whereby, at a selected locus, different forms of the gene are maintained at non-trivial frequencies. The standard approach is to treat those frequencies as fixed. What our results reveal is that even small fluctuations at the selected locus act in a surprisingly strong way to suppress the 'signal' of selection. Essentially the same approach allows us to investigate hitchhiking effects for other forms of selection. This work is written up fully elsewhere.

Any comments? Email them to bulletin@imstat.org

Terence's Stuff: *Casablanca* Revisited

Terry Speed will be writing a regular **"Terence's Stuff"** column for the *IMS Bulletin*. Here he reprises his IMS Presidential Address, given in Barcelona in July.



"Of all the gin joints in all the towns in the world, she walks into mine"

Imagine. A scientific society similar to the IMS sponsors a conference entitled *"The future of our subject"*. Although 15% of the membership of the society are women, none of the conference organizing committee and none of the 20 invited speakers are women. There is no doubt that all of the topics to be discussed are important, and the all of the invited speakers are of the highest quality.

Will this conference give the impression there is no role for women in the future of the subject? Or, that women are concerned with less important areas of the subject? Or, is it just that no woman has made research contributions to an important area substantial enough to justify being invited?

Should these possible perceptions on the part of some be a concern for the society sponsoring the conference? If something does seem to be amiss here, how might it have happened, and what could be done about it? Can we in the IMS learn anything here?

The organizers chose the most important, exciting and potentially fruitful areas of the subject, and to present and promote them, they chose the highest quality researchers active in these areas. In their view, this is best for the subject, best for the society, and best for the conference participants. Specifically, they feel that the subject is served best when viewed through the eyes of the highest quality researchers in its

most important areas. They provide the best role models for the conference participants, they highlight the most promising research topics, and they promote and expound the best parts of the subject. To do otherwise would risk endorsing and promoting the second-rate, either in researchers or parts of the subject. Is their approach best for the society? And is it always the best in the other ways?

"I'm shocked, shocked"

What qualities or conditions combine to lead a person to do the highest quality research in a field like ours? In my view, imagination, creativity, technical strength and drive rank highest, while general background, intellectual environment, opportunities, facilities, and time all contribute significantly, to a greater or lesser extent. These are not equally distributed in our community.

"Where were you last night?"

That was so long ago I can't remember. Our baby was sick. I was sick. I was reading to our children. I was at a parent-teacher meeting. My spouse had colleagues over. My mother needed me. My father needed me. I was giving a talk to young scientists. I was at an Equal Opportunities Committee meeting. I was too tired.

"I think this is the beginning of a beautiful friendship"

Mentors are important to women, as they are to men. Recognition and rewards are important to women, as they are to men. Networking is important to women as it is to men. Access to these is not equally distributed in our community.

Is the quality-based process always fair? Program organizers often rely for advice upon those they know and trust, and who

they in turn know and trust, and so on. Sometimes this is a narrow circle. The people organizing meetings are human. The process is subjective. Different people given the same responsibility will fulfil it differently.

This is a general issue. Not only when we seek organizers or speakers for scientific meetings, but also for society committees, offices, fellowships, prizes, and other honours or privileges. We need to cast our net as widely as possible. All too frequently it seems to be a case of...

"Round up the usual suspects"

At least this is how it often seems to me, from several perspectives: as one of the usual suspects, rounded up far too often, as one too frequently asked to round up other usual suspects, and as a regular participant in activities (committees, meetings, award ceremonies...) dominated by the usual suspects. Much better for all of us would be...

"Here's looking at you, kid"

But how can we ensure that we see you? How hard do we work on nominations? Whose advice do we seek? Why do we advertise jobs (when we do)? Lists, more lists, and yet more lists: keep them up to date, stratify (by subject matter area, age, sex, nationality, ...), sample (randomly?)... The www (especially Google) is a great resource. Our voting system matters. This isn't simply political correctness. This is about people's professional lives, careers and self-esteem. The people in question are the society's members. This isn't about affirmative action or positive discrimination. It is about care, thoroughness, and forgetting no-one, ensuring equal opportunities.

Keep gender on the agenda

...But we'll always have...Barcelona.

SAMSI Enters its Third Year

James Berger, the Director of SAMSI, writes: The Statistical and Applied Mathematical Sciences Institute (SAMSI) has entered its third year of operation. SAMSI is a national institute of the National Science Foundation and has, as its mission, the forging of 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 second year, with well over 700 participants in SAMSI activities, the current year has an exciting slate of programs, on **Computational Biology of Infectious Diseases**, **Latent Variable Models in the Social Sciences**, and **Data Assimilation for Geophysical Systems**. Some opportunities for participation in these programs still remain, especially the latter program, which does not begin until January 2005. See the SAMSI website (www.samsi.info) for further information about these programs.



Participate

Plans are well under way for SAMSI's 2005-06 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, both from 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.

Propose

SAMSI is very interested in obtaining proposals for future research programs, especially considering that we will be developing an NSF renewal proposal over the next year. Anyone with an idea for a future program should contact Jim Berger (berger@samsi.info).

Such ideas can also be communicated to the other members of the SAMSI directorate: Tom Banks (htbanks@eos.ncsu.edu), Alan Karr (karr@niss.org), and Young Truong (truong@bios.unc.edu), or to the SAMSI National Advisory Committee, chaired by Peter Bickel and Margaret Wright.

Future Programs

Brief descriptions of the upcoming Fourth Year SAMSI programs follow. A program on **Financial Mathematics, Statistics and Econometrics** will run from September 2005 through December 2005. This program, being lead by Jean-Pierre Fouque and Eric Ghysels, has the goal of bringing together the three disciplines of mathematics, statistics, and econometrics to focus on the major challenges in the three essential tasks: modeling, data analysis and computation, in applications ranging from financial and energy derivatives to real options and defaultable securities.

A program on **National Defense and Homeland Security** will run from September 2005 through May 2006. This

program, being led by Lawrence Cox and Nell Sedransk, will emphasize biointelligence – which intersects the planned development of a CDC Biointelligence Center; real time inference, involving data streams; anomaly detection, with particular attention to high-dimensional data, extremely rare events and false positives; data integration, including integration of new forms of data such as images or biometric identification; and dynamics of massive data-bases, which is in part a fundamental issue of data quality.

The third program is **Astrostatistics**, to be conducted from January to June, 2006. This program, being lead by Jogesh Babu, will address a range of statistical and mathematical problems that arise in modern astronomical and space sciences research, particularly due to the flood of data produced by space-based astronomical surveys at many wave-bands. The program will especially emphasize collaborations involving astronomers, mathematicians and statisticians on novel problems facing upcoming astronomy missions.

In addition to these three major programs, SAMSI will conduct planning or hot-topics workshops, undergraduate and graduate outreach workshops, summer schools (as part of programs), and several interdisciplinary courses associated with ongoing programs. For more information about any of the SAMSI activities and the possibilities for participating in them, go to the SAMSI website www.samsi.info.

Joseph L Doob

1910–2004

JOSEPH LEO DOOB, a pioneer in the study of the mathematical foundations of probability theory and its remarkable interplay with other areas of mathematics, died in June in Urbana, Illinois, where he had lived since 1935, arriving as a new faculty member of the University of Illinois. He was 94.

Probability has been a subject of mathematical exploration for more than 300 years, but it was given a firm foundation in the 1930s by such mathematicians such as Kolmogorov in Russia and Doob in America. In his 1937 paper, Doob gave the mathematical framework for the study of continuous parameter stochastic processes, that is, families of measurable functions indexed by a parameter such that the family is pointwise continuous in the parameter.

After the pioneering work of Lévy, Ville, and others, he began a wide-reaching development of martingale theory about 1940, publishing his paper on *processes of type E*. As David Blackwell observed, Doob's work did not catch on until he started to use the more exciting word *martingale* which had already been used much earlier by Bachelier in a mathematical context. Martingale theory is the focus of one of the chapters, nearly 100 pages long, in Doob's 1953 book *Stochastic Processes*. This treatise of over 650 pages has been one of the most important and influential books on probability since Laplace's 1812 book. One of Doob's papers, often overlooked, gives his simple martingale proof of the Strong Law of Large Numbers, and his work on the almost sure limits of inverse probabilities; see his 1949 paper *Application of the Theory of Martingales*. Martingale theory plays an essential role not only in mathematical statistics but also in the study of Markov processes, information theory, financial mathematics, combinatorics, and many other parts of mathematics, science, and technology.

In 1954, he showed how various classical potential theory concepts, such as the properties of the Perron-Wiener-Brelot solution of the first boundary value problem for harmonic functions on an arbitrary open set and arbitrary assigned boundary function, correspond to properties of superharmonic functions on Brownian motion paths. He obtained similar results for the heat equation in 1955. By the age of 45, he had made significant contributions to complex function theory, ergodic theory, Markov process theory, martingale theory, boundary theory, and much else.

His work became enormously influential. Although he retired at 68, he continued writing, and published a number of papers and two books: one of these, *Classical Potential Theory and Its Probabilistic Counterpart*, is over 800 pages long. A glimpse of his personality and mathematical style can be found in his vivid autobiographical remarks in response to Laurie Snell's well-posed



Joe Doob [l] receiving the National Medal of Science in 1979 from President Jimmy Carter

questions in the November 1997 issue of *Statistical Science*.

Joe was born in Cincinnati, Ohio, February 27, 1910, the son of Leo Doob and Mollie Doerfler Doob. The family moved to New York City before he was three years old. His parents felt that he was under-achieving in grade school and placed him in the Ethical Culture School, from which he graduated in 1926. He then went on to Harvard where he received a BA in 1930, an MA in 1931, and a PhD in 1932. After postdoctoral research at Columbia and Princeton, he joined the Department of Mathematics of the University of Illinois in 1935 and served until his retirement. During World War II, he worked in Washington DC and Guam as a civilian consultant to the Navy. He was a member of the Urbana campus Center for Advanced Study from its inception in 1959.

He was married to Dr Elsie Field for nearly sixty years; she died in 1991. She was the Medical Director of Planned Parenthood of Champaign County and worked as a full-time volunteer after her retirement. He is survived by his children Stephen, Peter and Deborah, and four grandchildren.

Doob served the mathematical profession as IMS President in 1950, AMS President 1963–64, and in many other capacities. Among many honors, he was elected a member of the National Academy of Sciences in 1957, a member of the American Academy of the Arts and Sciences in 1965, and a foreign associate of the French Academy of Sciences in 1975. He was awarded the National Medal of Science in 1979. In 1984 he was given the Steele Prize for his outstanding career and “continuing profound influence” by the American Mathematical Society.

He enjoyed, in all seasons and weathers, the camaraderie of the Saturday Hikers, an informal group with nearly 100 years of existence. He also liked to canoe on the nearby Salt Fork, the Vermillion, and the Sangamon rivers, rivers immortalized in the poem “*Memory of a Scholar*” by Richmond Lattimore, the highly praised translator of the *Iliad* and *Odyssey*.

Donald Burkholder, University of Illinois at Urbana-Champaign

Gentle Alternatives to Whistle-Blowing



Joan Sieber is a psychologist, retired from CSU Hayward. She and her colleagues are conducting research into scientific misconduct, including how academics have handled observing their colleagues who appear to be committing “statistical sins”. Now she wants your help. She writes:

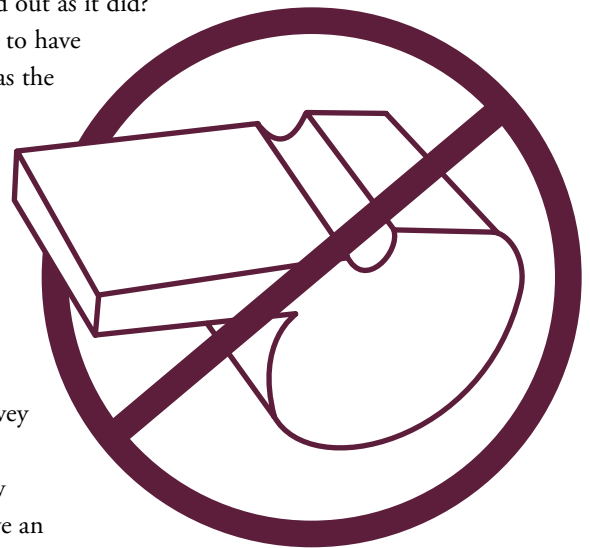
Have you ever observed someone committing a breach of research ethics – perhaps as serious as making up data or as innocent as using the wrong statistic, maybe trolling for significance – nevertheless, something that would corrupt the scientific record? Did you curb any impulse to tell someone in authority lest you start the academic equivalent of World War III, the awful fallout that usually accompanies whistle-blowing? Did you or others attempt to deter the ignoble researcher from committing that bad deed? Mindful of the delicacy of confrontation or going to an authority, what was done? Why? How did it work out? Do you believe you succeeded or failed in the prevention of scientific misconduct? Why do you think the approach worked out as it did? Would you like to know what others have done in such situations? Would you like to have an online guide suggesting approaches you might take, depending on such factors as the power differential between you and the miscreant, the nature of the misconduct, whether you observed it directly or were told about it by someone else, and so on?

My colleagues, Patricia K. Spiegel (psychologist, retired from Ball State University) and Gerald Koocher, (a psychologist and dean at Simmons College, Boston, whose IRB approved this study) and I are studying “gentle alternatives to whistle-blowing.” In one part of this project we seek to learn about the kinds and frequency of scientific misconduct scientists have observed, and the frequency with which they do something about it. We will conduct that research via an online survey of scientists who currently hold certain NIH research grants.

In Part II of our study – the part I am about to describe – we want to interview researchers, not necessarily those engaged in social or biomedical research, who have an informative account to share about their experience(s) of seeking a non-whistle-blowing approach to deterring scientific misconduct. The main purpose of Part II is to produce an online manual describing strategies that have worked, and those that have failed, under a range of circumstances. The accounts will be gathered anonymously, or if you disclose your identity or that of places or persons, those details will not be recorded. Data will be coded as to strategies and circumstances so that we can examine the kinds of contexts that spell success or failure for given strategies. We will then use combinations of related accounts to create fictitious cases to include in the manual. In other words, no names or other identifiers will be recorded and no actual cases (only fictionalized versions) will appear in the manual.

How will the data be obtained? First, I will send you a list of the kinds of information we seek, and ask you to plan to present your story in your own terms. You will then phone or email me to arrange for a phone interview, which may take as few as three minutes, or as long as you want. I may ask a few probing questions if I feel you have left out important details, but the story is yours to tell on your terms. Nothing will be tape recorded. Rather, I will wear a phone headset and take notes, gathering those kinds of details that will be useful in an analysis of factors leading to success or failure, and that will help us construct fictitious cases.

If you think you may be interested in participating, please email me at jsieber@csuhayward.edu. All participants will receive a copy of our ultimate “*Gentle Alternative to Whistle-Blowing*” manual. Non-participants wishing a copy may also have one. Contact me!



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)

Meet the Members

Three more members tell us some interesting things:

Antar Bandyopadhyay



Postdoctoral Fellow,
Chalmers University
of Technology,
Gothenburg,
Sweden.
Member of IMS for
4 years

If you could have dinner with someone famous, living or deceased, who would it be?
Pierre de Fermat: I'd like to know how he proved his last theorem.

What is the last book you read or movie you saw? Last book is *Namesake* by Jhumpa Lahiri and last movie is *The Village* by M. Shyamalan.

What did you do last Saturday? Believe it or not, I was packing and cleaning for my final departure to Gothenburg, Sweden.

You have unlimited funds for a one week dream vacation, where would you go?

Frankly, I'd go to Darfur in Sudan and help those poor people.

Tell us something that others might find surprising about you. I want to do another PhD in Physics.

Susan Holmes



Associate Professor,
Stanford University
and Biometry INRA,
France
Member of IMS for
15 years

If you could have dinner with someone famous, living or deceased, who would it be?
J.R.R. Tolkien. I read *Lord of the Rings* every year from age 14 to age 19, as well as many other books (I was a compulsive reader and can read a book in a day).

What is the last book you read or movie you saw? *Dylan's Visions of Sin* by Christopher Ricks

What did you do last Saturday? I was at the

Second Cape Cod workshop on MCMC in Boston.

Your dream vacation? Tahiti

Tell us something that others might find surprising about you. As a child, I wanted to be crochet teacher. I guess that helps in computing now. Now I am a grandmother, but I don't have time to crochet...

Terry Speed

Prof, UC Berkeley
Member of IMS for
"about 30-35 years,
I guess. I'll see
when the journals
started..."



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

What is the last book you read or movie you saw? Book: *Grievance* by KG Constantine.

Movie: *The Triplets of Belleville*
What did you do last Saturday?

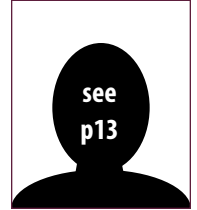
A standard Saturday: up early, do email, jog, buy croissants, read paper (NYTimes), eat fruit/muesli/yogurt/croissant breakfast, listen to "Car Talk", drink cappuccino at local coffee shop, buy fresh mushroom ravioli, sourdough bread, brie, jarlsberg, listen to Texaco "Opera from the Met" (Wagner ring cycle), eat lunch of bread, cheese tomato, have half hour nap, drink chocolate milkshake at Ben and Jerry's, have meetings with students all afternoon, drink beer (Corona), eat pasta dinner (red wine), prepare lectures (a little), answer email (a lot), go to sleep (it takes about 20 seconds).
Your dream vacation? Egypt, some time soon. It's time, not money that is my limiting factor.

Tell us something that others might find surprising about you?

That I sometimes cry at the opera, and other times too.

Chris Volinsky

Group Manager,
Statistics Research
Department, AT&T
Research
Member of IMS for 3
years



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

I'd have to go with a baseball player: Jackie Robinson. He was not just a civil rights pioneer as the first African American player in modern baseball, he was one of the best players of his time. Close second: Phil Rizzuto, the quirky player/announcer for the Yankees.

What is the last book you read or movie you saw? *The Curious Incident of the Dog in the Night Time*, by Mark Haddon. It is an unusual novel, told from the perspective of an autistic child who tries to solve a neighborhood mystery and deal with his dysfunctional family. The child is a math whiz, and solves math puzzles in his head when things get too tough for him to handle. He even numbers the chapters with primes. I really liked it...it was funny, in a geeky kind of way.

What did you do last Saturday?

I was in Washington state for the KDD data mining conference. I went blackberry picking with my family at a friend's berry farm on the Olympic Peninsula.

Your one-week dream vacation? Australia. But I fear a week would not be long enough.

Tell us something that others might find surprising about you? I'm a big fan of baseball, the color orange, avocados, jazz, Calvin and Hobbes, hiking, sushi, Charlie Brown, and beer floats (made with a good, dark stout). I'm also recently addicted to watching poker on TV.

COPSS Awards: 2005 Nominations Call

The Committee of Presidents of Statistical Societies (COPSS) Awards are jointly sponsored by the American Statistical Association, the Institute of Mathematical Statistics, the International Biometric Society ENAR, the International Biometric Society WNAR, and the Statistical Society of Canada. They are: the R.A. Fisher Lectureship; the Florence Nightingale David Award; the Elizabeth L. Scott Award; the George W. Snedecor Award; and the Presidents' Award. All COPSS awards are open to all regardless of age, race, sexual orientation, nationality or citizenship and, excepting the David Award, gender. Nominees must be alive at the time of their nominations. 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. Members of COPSS are not eligible for COPSS awards during their terms of service.

Below is the call for nominations for this year's COPSS awards that will be announced at the 2005 Joint Statistical Meetings. Each award consists of a plaque, a citation, and a cash honorarium. Additional information for all of the awards can be found at the COPSS web site: <http://www.niss.org/copss>.

The Florence Nightingale David Award

The Florence Nightingale David Award is presented biennially (odd years) to recognize a female statistician who exemplifies the contributions of Florence Nightingale David, an accomplished statistician in combinatorial probability theory, author or editor of numerous books, first Chair of Department of Statistics at University of California at Riverside and the first recipient of the Elizabeth L. Scott Award.

The criteria for the award are therefore excellence as a role model to women and in statistical research; leadership of multidisciplinary collaborative groups; statistics education; and service to the profession. The award was established in 2001 and is sponsored jointly by COPSS and the Caucus for Women in Statistics. No member of the Award Committee or officer of the Caucus of Women in Statistics 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. Nominations should be sent by **January 15, 2005** to the Committee Chair: Prof Ralph D'Agostino, Sr. Department of Mathematics and Statistics, Boston University, 111 Cummington Street, Boston, MA 02215-2411 Phone: (617) 353-2767 Email: ralph@bu.edu

The George W. Snedecor Award

The George W. Snedecor Award is presented biennially (odd years) in honor of its namesake, a pioneer who had worldwide impact in improving the quality of scientific methods concerning the use of statistical methodology. The award recognizes an individual who has been instrumental in the development of statistical theory in biometry and a noteworthy publication in biometry by that individual within three years of the date of the award. The Award was established in 1976. No member of the Award Committee shall be eligible to receive the award during his or her term of service. Nominations of an individual and an associated publication or publications should be sent by **January 15, 2005** to the Committee Chair:

Prof David Stoffer, Department of Statistics, University of Pittsburgh, Pittsburgh, PA 15260
Phone: (412) 624-8496
Email: stoffer@stat.pitt.edu

The Presidents' Award

The Presidents' Award is presented annually to a young member of one of the participating societies of COPSS. The award, established in 1976, is presented in recognition of outstanding contributions to the statistics profession. It is granted to an individual who has not yet reached his or

her 41st birthday during the calendar year of the award. No member of the Award Committee shall be eligible to receive the award during his or her term of service. Eligible nominations should include a current vitae, nominee's date of birth, a nomination letter (up to 3 pages), and up to 5 supporting letters. They should be sent by **January 15, 2005**, to the Committee Chair: Prof. Anastasios Tsiatis, Department of Statistics, North Carolina State University, Box 8203, Raleigh, NC 27695-8203
Phone: (919) 515-1928
Email: tsiatis@stat.ncsu.edu
FEDEX address: Rm 216 Patterson Hall, 2501 Founder's Drive, North Carolina State University, Raleigh, NC 27695

The Fisher Lectureship and Award

The nominations deadline has passed for the 2005 Fisher Lectureship and Award. The award was established in 1963 by COPSS to honor the outstanding contributions of the late Sir Ronald Aylmer Fisher, and those of a current statistician, on aspects of statistics and probability that closely relate to the scientific collection and interpretation of data. The award exists to recognize the importance of statistical methods for scientific investigations. The Fisher Lecture is delivered at the JSM in the year of the award and is generally about an hour long.

Data Mining Mini-meeting Report

Stefan Van Aelst, Ghent University, writes: Every year the Center for Statistics at Ghent University, Belgium organizes a one-day symposium on a topic in statistics which is of great interest to both statisticians and practitioners. The symposium's invited speakers are a mix of international experts and local researchers who have contributed to the topic.

This year the symposium took place on May 10, 2004 and the general theme was "Data Mining". The symposium was organized as an IMS mini-meeting with additional financial support from the Fund for Scientific Research-Flanders and the Belgian Statistical Society. 125 people from four different countries attended this year's meeting. About half the participants were PhD students and over 10% of the participants came from private companies. Participants from many different disciplines attended the meeting including statistics, computer science, biology, genetics, economics and medicine, showing that data

mining is an inter-disciplinary topic with many applications.

In the morning, talks focused on state-of-the-art methods and techniques in Data Mining. The idea was to bring local researchers in contact with the latest developments in Data Mining. Three experts were invited to present their work. Jerry Friedman introduced "Gradient Directed Regularization for Linear Regression and

Classification". David Hand opened a discussion regarding "Marginal classifier improvement and reality" and Leo Breiman gave a detailed exposition of "Random Forests - A statistical tool for the sciences". The speakers were given enough time to give an in-depth explanation of their methodology.

The afternoon concentrated on several applications of data mining. Four speakers were invited to explain how they developed or tailored data mining techniques to fit the specific needs of their problem. Dirk Van den Poel explained how data mining methods can

be used for "customer relationship management" in quantitative marketing analysis.

Luc Bauwens focused on "Modeling financial point processes" to show how interesting events can be detected in high frequency data from stock markets. Bernard De Baets introduced methods for "supervised ranking". He developed monotone classifiers that are useful if the response in supervised learning is an ordered set. Susan Holmes discussed "Multivariate statistics for trees and networks." She defined distances on trees and networks that allow comparison of trees and networks. The techniques were illustrated on phylogenetic trees, hierarchical clustering trees, and metabolic networks.

Coffee breaks and a shared lunch allowed participants to discuss among themselves, as well as with the invited experts, data mining and its wide range of applications. The talks presented at the symposium can be found at <http://cvstat.ugent.be> under the heading "symposia". Finally, I wish to thank the speakers, especially those who came from overseas, the people who helped organize the meeting and the many participants who all contributed to the great success of the meeting!



IMS Fellow Nomination Information

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

Qualifications for Fellowship:

See information at website above.

Nomination Material : ALL ITEMS ARE REQUIRED FOR CONSIDERATION

1. Online nomination form. Requires nominee's name, date of birth, degrees (titles, dates, schools, and fields), present position(s), significant former positions with dates, and the draft citation that might accompany election to Fellowship,

together with the nominator's contact information

2. Email to erg@imstat.org: Letter from nominator, a list of not more than five publications or other reasons for the nomination, a recent CV (not older than 2 years), and 3-5 supporting letters (in addition to the nominator's letter). Letters are expected to explicitly address the above IMS criteria for fellowship.

Deadline:

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

New Researchers' Conference 2004: "fantastic"



Chris Volinsky writes: The future of statistics was on display at York University, Toronto, in August, as 49 of the best and brightest new researchers in statistics were on hand for the Seventh North American New Researchers' Conference (NRC).

The NRC is an increasingly popular IMS-sponsored conference, designed with the goal of introducing researchers to their peers in a very informal and comfortable setting. All of the participants are within five years of receiving their PhDs, and all receive full funding for travel expenses. Being at the same point in their careers, many of the participants are confronted with similar issues: tenure, publishing, teaching, networking, and so on. Because of this, the NRC has a level of camaraderie, and social and professional interaction, that is unique among technical conferences.

The NRC is designed to foster as much interaction as possible and to help address many of these concerns. Each participant was asked to give a 12 minute presentation on their research. Although some may say that the 50+ talks that were seen over the course of four days was a bit daunting, it did serve to give an overall view of the research that colleagues are working on. It also facilitated more in-depth discussion between researchers in similar fields during the many opportunities for social interaction at the fine food and beverage establishments of York University.

It was amazing to see the breadth and depth of topics covered by our fellow researchers. Not surprisingly, many were focused on the ever-growing fields of bioinformatics and statistical genetics, with a focus on microarray analysis. But the range of talks was impressive, including talks about everything from fundamental statistical theory to newfangled data mining techniques.

One of the highlights of any NRC are the invited talks and panels, and this year was no exception. Our slate of invited speakers included Terry Speed, who as outgoing IMS President gave enter-

taining and opinionated advice about having a successful and fulfilling career. Our dinner banquet speaker was Jeff Wu, who regaled our well-fed group with many anecdotes and opinions on how to succeed, while luncheon speaker Xihong Lin [pictured right] discussed how to balance all of the personal and professional demands on the new researcher. Finally, Dick Deveau wrapped up the conference by giving practical suggestions for teaching statistics, and reminding us how non-intuitive statistics really can be to those who are not experts. All of our speakers gave excellent, expert advice and were well appreciated by our attendees.

Also popular were our two panels. Our funding panel was led by representatives from ONR, NIH, NSF, and NSERC, providing tips and tricks for applying for grants, while our journals panel consisted of current or former editors of *JASA*, *Annals of Statistics*, *Technometrics*, and the *Canadian Journal of Statistics*. Both panels provided the opportunity for some robust discussion with the participants about topics that are clearly of vital importance to them.

Feedback from the researchers was overwhelmingly positive, who said the conference was "fantastic", "well-organized", and "exceeded expectations". A common theme was how much the experience at NRC made the much larger JSM a much more manageable conference. It gave the participants a background in unfamiliar fields, helped them choose sessions to go to, and provided 48 other friendly faces in the vast sea of people at JSM!

Due to the popularity of this conference, we are now holding it every year, immediately prior to the JSM. Next year's conference will be held at the University of Minnesota, and coordinated by

IMS New Researchers' Committee Chair Jo Hardin of Pomona College. She will be assisted by fellow committee member and Local Chair Galin Jones from the University of Minnesota. We are especially excited that next year's conference will feature the first winner of the new **Richard L Tweedie New Researcher's Award** (winner announced in early 2005). Stay tuned to *IMS Bulletin* for more information on NRC 2005.

More information (and great photos!) at <http://www.math.yorku.ca/StatsSection/NRC/>



Photos: Jeff D Picka [crouching, above]. More available to view at <http://www.math.yorku.ca/StatsSection/NRC/>

IMS Meetings around the world

Minneapolis: Joint Statistical Meetings 2005

IMS Co-sponsored Meeting:

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

August 7–11, 2005

Minneapolis Convention Center, Minneapolis, MN

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



NEW

David Madigan, IMS

Program Chair, writes: JSM

2005 features an exciting

array of IMS invited sessions covering an extraordinary range of topics. Heading the program this year are the Wald, Neyman, and Medallion lectures. The Wald Memorial Lectures honor Professor Abraham Wald and this year's 3-session Wald lecturer is Professor **Srinivasa Varadhan** from the Courant Institute of New York University. The Neyman Lecture ordinarily emphasizes the interactions between statistical theory and scientific research. Professor **David Brillinger** from the University of California at Berkeley is the 2005 Neyman lecturer and the title of his lecture is *“Dynamic Indeterminism in Science”*. The Medallion lecturers are Professors **Andrew Barron** from Yale University (*“The Role of Information Theory in Probability Theory”*), **Oleg Lepski** from Université de Provence, **Art Owen** from Stanford University, and **Adrian Raftery** from the University of Washington.

The regular invited program features 22 sessions. The diversity of the sessions does not seem to permit any obvious clustering, so I just list the session titles below:

- Aggregation in Nonparametric Models
- Graphical Markov Models
- Statistical Models and Methods for Microarray Data
- New Latent Space Models for Social Science
- Inference and Prediction Under Kullback-Leibler Loss
- Massive Multiple Comparisons

- Causal Inference
- Interactions in Hierarchical Models
- Qualitative Restrictions in Nonparametric Estimation
- Genomic Applications
- Model Building via Mixtures: Recent Developments and Future Directions
- The Generalized Method of Moments, Estimating Functions, and Empirical Likelihoods
- Issues in Semi-supervised Learning
- High-Level Image Analysis: From Images to Understanding
- Statistics in High Frequency Data
- Semiparametric Modeling in Action
- Mapping Data
- Sensor Networks
- Statistics for Molecular Level Experiments
- Interface Between Mathematics and Statistics
- Applications of Mixture Models
- Wavelets and Self-Similarity

While the invited program is now complete, topic contributed sessions can be submitted up to **February 1, 2005**. Topic contributed sessions focus on a particular theme or topic. The sessions can comprise 5 papers, 4 papers and a discussant, or 3 papers and 2 discussants and often attract substantial audiences. If you have an idea for a topic contributed session, please contact either Andrew Nobel (nobel@email.unc.edu) or David Madigan (dmadigan@rutgers.edu)

Key Dates from www.amstat.org/meetings

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

FYI... at JSM 2004 in Toronto, there were 4410 attendees. 605 were IMS members at registration; 40 people joined IMS during the meeting.



Minneapolis skyline from the banks of the Mississippi

Apply for a Laha Travel Award for travel to JSM

With funds from a generous bequest by the late Professor Radha Govind Laha, IMS has established the Laha Awards to provide funds for travel to present a paper at the IMS Annual Meeting, which in 2005 coincides with the Joint Statistical Meetings in Minneapolis, August 7–11.

Eligibility:

First priority 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.

Amount:

Up to U.S. \$500 per award, to be reimbursed against receipts. May be combined with other sources of funding.

Application Contents:

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

1. Cover letter with contact information (including e-mail address)
2. 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.
3. For students: please include a letter signed by the advisor attesting to the fact that the student is a degree candidate. For new researchers, please include the month and year of your graduation in the cover letter.
4. Two letters of recommendation. Letters should be sent directly by the recommender to erg@imstat.org using LAHA TRAVEL AWARD: <last name of applicant> in the subject line.

If electronic submission is not possible, please send items to:

Laha Travel Award Application, Institute of Mathematical Statistics, 3163 Somerset Dr, Shaker Heights OH 44122

Deadline:

All applications must be received by **February 1, 2005**.

Additional Information:

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



This year's Laha Award recipients, who traveled to Barcelona. Pauline Barrieu (seated row, far left), said the meeting was "a fantastic opportunity to meet people of so many different areas of specialism, in such a wonderful place."

Apply now for a Laha Award to fund your travel to Minneapolis: see <http://www.imstat.org/awards/laha.html>

QUOTE THIS!

“

The usefulness of a meeting rises with the square of the number of people present.

*Lane Kirkland (1922-99)
US labour-union leader*

”

FREE!

FREE IMS MEMBERSHIP FOR STUDENTS

**Students also receive a free print journal
with their free membership.
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<http://www.imstat.org/membership/student.htm>

Poster included with this issue:
please display prominently

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

30th Conference on Stochastic Processes and their Applications

June 26 – July 1, 2005
University of California, Santa Barbara USA

Program and Local Chair: Raya Feldman
University of California, Santa Barbara
<http://www.pstat.ucsb.edu/projects/spa05>

INVITED SPEAKERS

BERNOULLI SOCIETY

Jean Bertoin (Paris VI), Lévy Lecture
Percy Deift (Courant)
Darrell Duffie (Stanford)
Janos Engländer (UC Santa Barbara)
Nina Gantert (Karlsruhe)
Peter Glynn (Stanford)
Claudio Landim (IMPA)
Vlada Limic (UBC Vancouver)
Leonid Mytnik (Technion)
Walter Schachermayer (Vienna)
Jonathan Taylor (Stanford)
Bálint Tóth (Budapest)
Tandy Warnow (UT Austin)
Nobuo Yoshida (Kyoto)

INSTITUTE OF MATHEMATICAL STATISTICS

Jean-François Le Gall (Paris VI), Medallion Lecture
Alain-Sol Sznitman (ETH Zurich), Medallion Lecture

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Department of Statistics and Applied Probability (UC Santa Barbara)
Department of Mathematics (UC Santa Barbara)
Department of Economics (UC Santa Barbara)



**IMS Co-Sponsored Meeting,
2005 Conference on Stochastic Processes and
their Applications [SEE DISPLAY AD, LEFT]
June 26 - July 1, 2005
Santa Barbara, California**

IMS Rep: Raya Feldman.

Meeting organized under the auspices of the Bernoulli Society, co-sponsored by IMS.

More information at

<http://www.pstat.ucsb.edu/projects/spao5/>

IMS Co-sponsored meeting:

**Workshop on Stochastic
Methods in Game Theory**

**Centro Majorana, Erice, Italy, September 24-
October 2, 2005**

IMS Rep is Marco Scarsini

<http://web.econ.unito.it/scarsini/Erice2005/>

IMS Co-sponsored meeting:

**2005 Seminar on
Stochastic Processes
Cornell University, Ithaca,
NY**

March 24–26, 2005

The 2005 Seminar on Stochastic Processes, co-sponsored by the IMS, will be held March 24–26, 2005 at Cornell University, Ithaca, NY.

There are five invited speakers:

Alison Etheridge, Oxford University

Nina Gantert, Universität Karlsruhe

Alexander Holroyd, University of British Columbia

Jeremy Quastel, University of Toronto

Ofer Zeitouni, University of Minnesota

As usual there will be plenty of time for short presentations and open problem sessions. We anticipate funding to help support graduate students, young researchers, and persons from traditionally under-represented groups.

For more information, check the website

www.math.cornell.edu/~lawler/ssp2005.html

IMS Sponsored meeting:

**8th North American New Researchers Conference
August 2–6, 2005 (immediately before JSM)
University of Minnesota**

Deadline: February 15, 2005

Website (check back soon for updates): <http://pages.pomona.edu/~jsho4747/NRC/NRC.htm>

Application info: To apply, please submit a letter of interest, curriculum vitae and title and abstract to:

Galin Jones, School of Statistics, University of Minnesota, 313 Ford Hall, 224 Church Street S.E., Minneapolis, MN 55455.

Email: galin@stat.umn.edu; FAX: 612.624.8868

Electronic mail is preferred for abstract submission. Deadline for receipt of applications is February 15, 2005. Please apply promptly since the number of participants is limited.

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

IMS Sponsored meeting:

**Stochastic Processes and
Applications XXXI
Paris, France
July 17–21, 2006**

IMS reps: E Perkins, J Pitman, P Protter, A Sznitman, S Tavaré and E Waymire.

<http://www.proba.jussieu.fr/pageperso/spao6/index.html>

Now IMS co-sponsored meeting:

**International Conference on
Statistics in Honour of Professor
Kai-Tai Fang's 65th Birthday ("Fang65")
June 20–24, 2005
Hong Kong**

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

email: fang65@math.hkbu.edu.hk

NEW

NEW

NEW

NEW

NEW

Now IMS co-sponsored meeting:

**Sixth International Conference
on Forensic Statistics
March 17-19, 2005**

**The Center for Law, Science, and Technology,
College of Law, Arizona State University,
Tempe, Arizona, USA**

<http://icfs.law.asu.edu/>

Forensic statistics concerns the many and various applications of statistics and probability to legal matters. This conference will bring together forensic scientists, lawyers, judges, statisticians, and individuals from related disciplines to discuss the multiple uses of statistics in legislative, administrative and judicial proceedings.

NEW

IMS Council Members 2004–05:

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

Poster included with this issue:
please display prominently

IMS in Minneapolis

Join us at JSM!

August 7–11, 2005

The Institute of Mathematical Statistics invites you to join us at the Joint Statistical Meetings in Minneapolis, Minnesota, from August 7–11, 2005.

IMS events include the IMS Presidential Address and Reception, the presentation of the Carver and Laha awards, and a New Member social.

IMS is sponsoring two meetings at the University of Minnesota just before JSM: the New Researchers' Conference (August 2–6) <http://pages.pomona.edu/~jsh04747/NRC/NRC.htm> and New Directions in Probability Theory (August 5–6) www.imstat.org/meetings/NDPT05. Apply now!

Students and New Researchers:

Join IMS (it's free for students) and apply for an IMS Laha Travel Award for travel to JSM [deadline February 1, 2005]: www.imstat.org/awards/laha.htm

ims





IMS Co-sponsored Meeting:

2005 ENAR/IMS Spring Meeting

March 20–23, 2005, Austin, Texas

Program Chair: A John Bailer, Miami University

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

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

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



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



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

IMS co-sponsored meeting

New Directions in Probability Theory 2005

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

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

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

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

IMS Co-sponsored Meeting:

2006 ENAR/IMS Spring Meeting

March 19–22, 2006

Hyatt Regency, New Orleans, LA

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

IMS Co-sponsored Meeting:

2007 ENAR/IMS Spring Meeting

April 15–18, 2007

Fountainbleau Hilton Resort Miami, FL

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

More IMS Meetings around the world

IMS Co-sponsored Meeting:

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

July 9-11, 2005

Beijing, China

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

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

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

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

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

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

We look forward to meeting you in Beijing!

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

Bin Yu, Chair of the IMS Program Committee

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

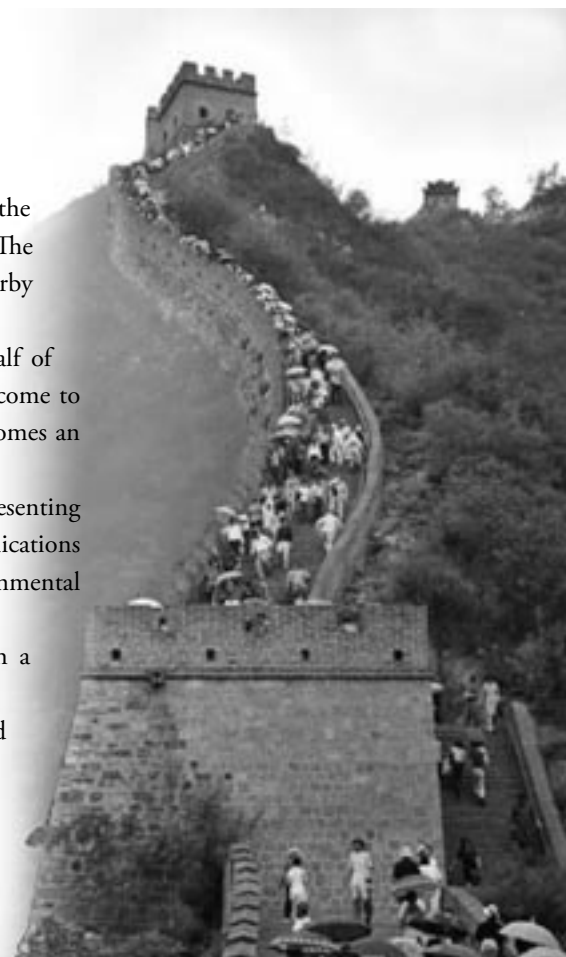


Image: Roel de Gama

Visit the Great Wall during your stay

IMS Co-sponsored Meeting:



2005 WNAR/IMS Western Regional Meeting

Fairbanks, Alaska

June 21-24, 2005

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

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

IMS Program Chair: Thomas Lee

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

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

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

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

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

IMS Co-sponsored Meeting:

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

IMS Reps: Partha Lahiri, C.R. Rao, N Balakrishnan. Featuring an inaugural address by His Excellency Dr. A.P.J. Abdul Kalam, President of India

<http://www.stat.ohio-state.edu/~hnn/hydstatconf.html>

IMS Co-sponsored Meeting:

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

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

The theme of SRC 2005 is *"Statistics: A Diverse Field for a Diverse World."*

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

IMS Co-sponsored Meeting:

2006 WNAR/IMS Western Regional Meeting Flagstaff, AZ**June 2006**

IMS Program Chair: TBA.

NEW**Looking further ahead...**

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

2005**IMS Annual Meeting @ JSMo5**

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

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

2006

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

JSMo6

August 6-10, 2006

Seattle Convention Center, Seattle, Washington

IMS Program Chair: tba; IMS Local Chair: tba

2007**IMS Annual Meeting @ JSMo7**

July 29 - August 2, 2007

Salt Palace Convention Center, Salt Lake City, Utah

IMS Co-sponsored Meeting:

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

Workshop on Adaptive Monte Carlo

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

IMS Rep: Christian Robert

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

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

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

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

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

Registration is necessary for both this meeting and MCMSki.

CHECK THE WEBSITE FOR
THE LATEST INFORMATION:
...hotels filling fast...

Send your announcement to ims@imstat.org

2008

IMS Annual Meeting: venue TBC

JSMo8

August 3-7, 2008

Denver, Colorado

To be held at the Denver Convention Center

2009**IMS Annual Meeting @ JSMo9**

August 2-6, 2009

Washington, DC

To be held at the Washington Convention Center

IMS Co-sponsored Meeting:

"MCMSki"



The Past, Present, & Future of Gibbs Sampling

January 12-14, 2005

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

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

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

Plenary Speakers:

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

Invited Sessions:

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

Organizer:

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

Tentative Daily Schedule:

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

Program Committee:

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

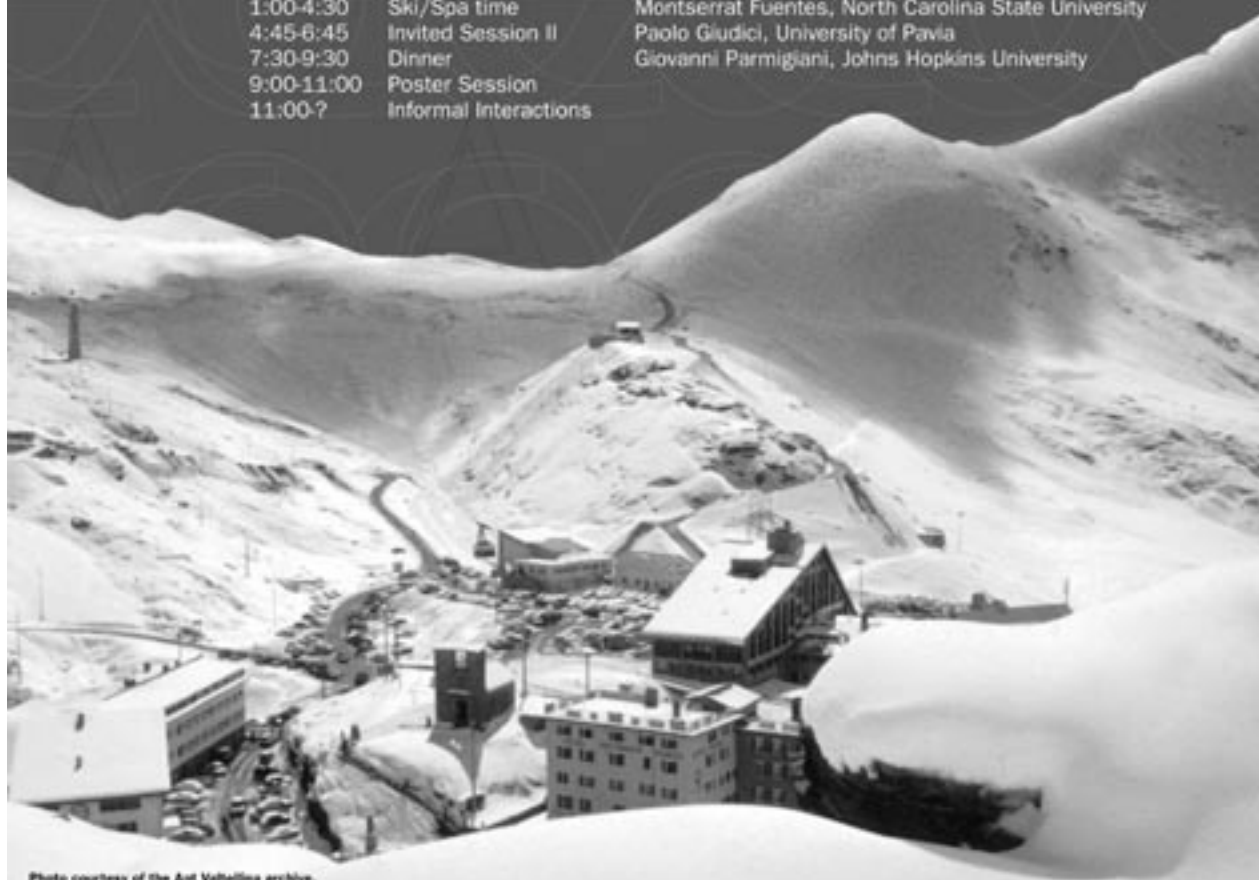


Photo courtesy of the Apt Valtellina archive.

Other Meetings Around the World: Announcements and Calls for Papers

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

UPDATED

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

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

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

The Nineteenth New England Statistics Symposium **April 23, 2005** **Storrs, Connecticut**

NEW

The Department of Statistics of the University of Connecticut will host The Nineteenth New England Statistics Symposium on Saturday, April 23, 2005, to bring together statisticians from all over New England at a central location.

Invited keynote speakers are David Harrington of Harvard University and Evarist Giné of the University of Connecticut. There will be several arranged special theme sessions. In addition, there will be contributed paper sessions, allowing 15 to 20 minutes per paper. We invite talks on all aspects of statistics and probability.

Contact Professor Mig-Hui Chen, NESS, Department of Statistics, University of Connecticut, 215 Glenbrook Road, U-4120, Storrs, CT 06269-4120, telephone (860) 486-6984 for messages (860) 486-3414, email: mhchen@stat.uconn.edu, FAX: (860) 486-4113.

You can also register on-line at www.stat.uconn.edu.

If you plan to give a talk, provide title and abstract by email or regular mail.

2006 Annual Meeting of the Statistical Society of Canada **May 28–31, 2006** **London, Ontario**

NEW

The University of Western Ontario will be hosting the 2006 meeting of the Statistical Society of Canada. For information, contact the Local Arrangements Chair, David Bellhouse: Department of Statistical & Actuarial Sciences, Western Science Centre, University of Western Ontario, London, Ontario, Canada, N6A 5B7

E-mail: bellhouse@stats.uwo.ca

Tel: (519) 661-3614

Fax: (519) 661-3813

For information about the scientific program contact the program chair Richard Lockhart at lockhart@sfu.ca



COMPSTAT2006 **Rome, Italy**

NEW

August 28 – September 1, 2006

The 17th Conference of the International Association for Statistical Computing (IASC), will be held in Rome, Italy, August 28 - September 1, 2006.

First announcement and call for papers: February 2005

Information and Contacts: <http://w3.uniroma1.it/compstat2006> or email compstat2006@uniroma1.it

Young Statisticians Meeting 2005 **March 30–31, 2005** **Department of** **Statistics, Trinity College Dublin, Ireland**

NEW

For early enquiries or assistance please email ysm2005@tcd.ie



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Regional Conference Series in Probability and Statistics

Volume 8:

Analysis of Longitudinal and Cluster Correlated Data

by Nan Laird, Harvard University

The analysis of data with outcomes measured repeatedly on each subject has experienced several transforming developments in the last twenty years. This monograph presents a unified treatment of modern methods for longitudinal and/or correlated data that have developed during this period. The basic approach Dr Laird takes to modeling longitudinal data is to extend familiar univariate regression models to multivariate or correlated outcomes. The author deals with linear models for measured data and generalized linear models for binary and count data. She shows how methods can accommodate missing outcomes and/or unbalanced designs. Both likelihood and moment methods of estimation are covered, as are random effects approaches to data modeling and parameter estimation.

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

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If you are organizing a meeting, send in your announcement for the next issue (January/February 2005) by December 1, 2004 to Elyse Gustafson, IMS Executive Director, at erg@imstat.org. Adverts will also appear at <http://imstat.org/meetings>. See panel inside back cover for more advertisers' information.

IASS 55: Complex Sampling, Retrospective Sampling and Missing Data: a conference in honour of Alastair Scott
13- 14 April 2005

Auckland, New Zealand



<http://www.stat.auckland.ac.nz/iass55/>
 Contact: Chris Wild at c.wild@auckland.ac.nz

This is a Satellite meeting of the ISI Session in Sydney (see announcement, right) which is sponsored by the International Association for Survey Statisticians (IASS) and is in honour of Professor Alastair Scott on the occasion of his retirement. It is being held in the Maritime Museum in the heart of Auckland's Viaduct Basin, the downtown waterfront area which was the centre of activities for the last two America's Cups.

Confirmed invited speakers include David Brillinger, Raymond Carroll, Wayne Fuller, Jack Kalbfleisch, Graham Kalton and Jon Rao.

Further details can be found at <http://www.stat.auckland.ac.nz/iass55/>

20th International Workshop on Statistical Modelling (IWSM2005)
July 10-15, 2005

Sydney, Australia



Hosted by the University of Western Sydney, at the Swiss-Grand Hotel at Bondi Beach, Sydney, Australia.

For more details please visit the website www.uws.edu.au/iwsm2005

Contact: k.matawie@uws.edu.au



ISI 2005 in Sydney

April 5-12, 2005

Registration is now open

On behalf of the National Organising Committee for the 55th Session of the International Statistical Institute (ISI), I am pleased to announce that registration for the 2005 ISI Session is now open. ISI Sessions have a long-standing and very successful history and attract about 2000 delegates from around the world. This Session is open to anyone who shares an interest in statistical matters.

Participants will include representatives from national statistical offices, universities and research institutions, government agencies and private industry. The Sessions provide an opportunity for statisticians to attend scientific meetings focusing on their own speciality. At the same time they can absorb new research in other statistical fields that may have unanticipated applications to their own speciality.

The ISI 2005 registration brochure is available from the meeting website (www.tourhosts.com.au/isi2005) with new details of the scientific program, registration, social events and tours. The scientific program is wide ranging with 12 parallel sessions of invited and contributed papers apart from the occasional plenary session. There should be plenty of interest for everyone.

There will also be some special theme days, on topics of great importance to the statistical community. The three topics for ISI 2005 will be finance and statistics, environmental statistics and genomics. The scientific program will also be supplemented by tutorials and short courses. Satellite meetings, before and after ISI 2005, will be held at interesting locations such as Cairns (on the Great Barrier Reef), Auckland and Wellington in New Zealand, and Noumea in New Caledonia.

The ISI 2005 social program will provide a great opportunity to meet old and new colleagues. We will be holding an Australian night, included in the registration fee. This will give everyone a fantastic opportunity to experience Australian culture first hand including some of the famed food and drink. There will also be a Dinner Cruise on Sydney Harbour.

Sydney, host to the 2000 Olympics, is one of the world's favourite tourist destinations and April is one of the best times of the year to visit. It's warm enough to swim at Bondi Beach (average temperature is 20 degrees Celsius in Sydney) and being off-peak season there are fewer tourists around, making it a great time to visit.

If you would like to participate I would encourage you to register online now, to take advantage of the early bird registration fee and to ensure you are kept informed about the Session developments. For all the latest information on the 2005 ISI Session, please visit the website or contact the ISI 2005 Conference Managers at: isi2005@tourhosts.com.au.

I hope that you can join us in Sydney for the 2005 ISI Session, which promises to be extremely rewarding both academically and socially.

Dennis Trewin

Australian Statistician and

Chair ISI 2005 National Organising Committee

More Meetings Around the World: Announcements and Calls for Papers

ISIPTA '05

4th International Symposium on Imprecise Probabilities and Their Applications



Preliminary Call for Papers

July 20-23, 2005

**Carnegie Mellon University, Pittsburgh,
Pennsylvania, USA**

<http://www.sipta.org/isipta05>

The ISIPTA meetings are one of the primary international forums to present and discuss new results on the theory and applications of imprecise probabilities. Imprecise probability has a wide scope, being a generic term for the many mathematical or statistical models which measure chance or uncertainty without sharp numerical probabilities. These models include belief functions, Choquet capacities, comparative probability orderings, convex sets of probability measures, fuzzy measures, interval-valued probabilities, possibility measures, plausibility measures, and upper and lower expectations or previsions. Imprecise probability models are needed in inference problems where the relevant information is scarce, vague or conflicting, and in decision problems where preferences may also be incomplete.

Themes of the symposium

Although the symposium will be open to contributions on all aspects of imprecise probability, three main themes will be emphasised: decision-making, algorithms, and real applications. Topics of interest include, but are not limited to: models of coherent imprecise assessments; convex sets of probability measures (credal sets); interval-valued probabilities; upper and lower expectations or previsions; non-additive set functions, and in particular Choquet capacities (and Choquet integration), fuzzy measures, possibility measures, belief and plausibility measures; random

sets; rough sets; comparative probability orderings; qualitative reasoning about uncertainty; imprecision in utilities and expected utilities; limit laws for imprecise probabilities; physical models of imprecise probability; philosophical foundations for imprecise probabilities; psychological models for imprecision and indeterminacy in probability assessments; elicitation techniques for imprecise probabilities; robust statistics; probabilistic bounding analysis; data mining with imprecise probabilities/missing data; estimation and learning of imprecise probability models; decision making with imprecise probabilities; ambiguity aversion and economic models of imprecise probability; uncertainty in financial markets; algorithms for manipulating imprecise probabilities; Dempster-Shafer theory; information algebras and probabilistic argumentation systems; probabilistic logic, propositional and first-order; credal networks and other graphical models; credal classification; applications in statistics, economics, finance,; management, engineering, computer science; and artificial intelligence, psychology; philosophy and related fields

Workshop on Financial Risk Assessment

There will be a workshop addendum to the conference, to be held on July 24, with invited speakers on the topic of financial risk assessment, to which all of the ISIPTA'05 participants are welcome, at no additional registration cost. Details will be announced later.

Important dates

Paper submission deadline: February 10 2005; Notification of acceptance: April 1

2005; Deadline for revised papers: May 1 2005; Symposium: July 20-23 2005

Submissions

Details on format will be announced later (submission will be electronic at the website).

Program Board

Fabio Cozman (Universidade de Sao Paulo, Brazil)

Robert Nau (Duke University, USA)

Teddy Seidenfeld (Carnegie Mellon University, USA)

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Marco Zaffalon (IDSIA-Istituto Dalle Molle di Studi sull'Intelligenza Artificiale, Switzerland)

Questions

If you have any questions about the symposium, please contact the Organising Committee preferably by email (teddy@stat.cmu.edu - fgcozman@usp.br), or at the following address:

Teddy Seidenfeld
Department of Statistics
Carnegie Mellon University
Pittsburgh PA 15213
Phone: 412 - 268 - 2209
Fax: 412 - 268 - 1440

Eighth Workshop on Case Studies In Bayesian Statistics September 16-17, 2005

Carnegie Mellon University, Pittsburgh, PA

NEW

<http://www.stat.cmu.edu/bayesworkshop>

ANNOUNCEMENT AND CALL FOR ABSTRACTS *

The Workshop will feature in-depth presentations and discussions of substantial applications of Bayesian statistics to problems in science and technology, poster presentations of contributed papers on applied Bayesian work and, new this year, contributed presentations by young researchers. In conjunction with the workshop, the Department of Statistics' Eighth Morris H DeGroot memorial lecture will be delivered.

Deadline for abstracts January 25, 2005

We are calling for proposals for major case studies in the form of detailed abstracts (about 2 pages) from those interested in presenting one of the main invited papers for discussion. To be considered for a presentation, abstracts are due by Tuesday, January 25, 2005. Abstracts should emphasize scientific and technological background, and should clarify the extent to which the statistical work will address key components of the problems articulated. They should also include statements that make clear the amount of work that will be accomplished by the time the manuscripts are due, which is July 1, and clearly identify the collaborators and particularly the non-statisticians who will be involved in the presentation. Case studies to be presented at the meeting will be selected by the organizing committee on the basis of all abstracts received.

This year we are also soliciting detailed abstracts (roughly 1 page) of proposed 15-minute presentations by young researchers (students or completed PhD within five years). These abstracts will be due **July 1 2005**, and the organizing committee will select among them in constructing the final program. Abstracts should emphasize the scientific problems, and the way in which the statistical work solves the problems. Abstracts not selected for talks will be considered as posters.

Anyone interested in submitting a case study abstract should look at the web page, What makes a good case study? <http://www.stat.cmu.edu/bayesworkshop/2005/goodstudy.html>.

Contributed paper abstracts for posters will be due September 1, 2005.

The organizing committee of the Eighth Workshop includes Alicia Carriquiry, Elena Erosheva, Constantine Gatsonis, Rob Kass, Herbie Lee, and Isa Verdinelli.

Please submit abstracts via our webpage <http://www.stat.cmu.edu/bayesworkshop> which contains additional information, including abstracts of previous, successful case studies.

If you have questions, please contact Rob Kass at kass@stat.cmu.edu, or any of the other organizers.

Frankfurter Stochastik-Tage / German Open Conference on Probability and Statistics

March 14-17, 2006

NEW

Goethe-University Frankfurt/Main

This conference is held every two years by the Fachgruppe Stochastik of the German Mathematical Society. It provides a forum for participants from universities, business, and industry to discuss new results in the area of probability and statistics. For further information see http://stoch2006.math.uni-frankfurt.de/index_en.html

Workshop on Stochastic Models in Molecular and System Biology Sunday, June 26 2005

University of California, Santa Barbara

NEW

Satellite meeting of "Stochastic Processes and their Applications" (SPA2005) [see announcement on page 16]

Phenomena such as molecular transport, gene regulation, and cellular behavior require very sophisticated models to understand their functions, and the role of mathematicians in this domain is crucial to the analysis of these models. The goal of the workshop is to bring together probabilists interested in biological applications and experts in interdisciplinary research in stochastic modeling for molecular biology problems.

Organizer: Guillaume Bonnet, Department of Statistics and Applied Probability, UCSB: bonnet@pstat.ucsb.edu

Web: <http://www.pstat.ucsb.edu/projects/smmsb>

*These meetings are also
listed on the 'Meetings' page
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Chicago

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New Hampshire: Dartmouth College (2)

New Jersey: Bell Labs

New Mexico: Los Alamos National Labs

New York: City U of New York; College of
Staten Island; Columbia U (2); Rochester U

North Carolina: North Carolina State U (2);
SAMSI

Oregon: Oregon State U; Portland State U;
U of Oregon

Pennsylvania: Carnegie Mellon U; Lehigh U;
U of Pennsylvania

Rhode Island: Brown U (2)

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Washington: U of Washington

Wisconsin: U of Wisconsin

Canada: Montréal

POSITION IN STATISTICS

Département de mathématiques et de statistique

Faculté des arts et des sciences

Université de Montréal

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

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

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

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

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

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

Chair

Département de mathématiques et de statistique

Université de Montréal

C.P. 6128, succursale Centre-ville

Montréal QC H3C 3J7

Phone: (514) 343-6743

FAX: (514) 343-5700

email: chair@dms.umontreal.ca

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

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

Belgium: Louvain

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

**Vacancy of a full time faculty position in statistics
(beginning September 2005)**

Required qualifications : Ph.D. degree in statistics, 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, 2005.

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

For further information : Jean-Marie Rolin,
Chairman of the Institute of Statistics, Tel: 32 10 47
43 33, fax: 32 10 47 30 32, e-mail: rolin@stat.ucl.ac.be

Canada: Ottawa**University of 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, 2005 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, 2004.

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>

Canada: Toronto**University of Toronto: Department of Computer and Mathematical Sciences, University of Toronto at Scarborough.**

Applications are invited for a tenure track appointment at the Assistant Professor level in Mathematics. Appointment commences 1 July 2005. Preference will be given to researchers in the areas of Combinatorics and Probability. However, exceptional candidates in any field of mathematics are encouraged to apply. Salary commensurate with experience. Candidates are expected to have demonstrated excellence in both teaching and research after the Ph.D; in particular, a candidate's research record should show clearly the ability to make significant original and independent contributions to mathematics.

Letters of application with curriculum vitae, including a list of publications, a short statement describing the candidate's research programme, all appropriate material about the candidate's teaching, and the AMS Standard Cover Sheet should be sent to the Search Committee, Department of Mathematics, University of Toronto, 100 St. George Street, Room 4072, Toronto, ON M5S 3G3, Canada, or by Email (text, postscript, or PDF only) to mathjobs@math.utoronto.ca (Code: UTSC).

Priority will be given to applications received by December 1, 2004. Applications received after this date will be considered until the positions have been filled. 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.

Additional information is available at the Web page: www.math.toronto.edu/jobs.

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.

Any enquiries about the application should be sent to mathjobs@math.toronto.edu

Canada: Waterloo**University of Waterloo: Post-doctoral Position in Biostatistics**

Applications are invited for the position of post-doctoral fellow in biostatistics to be held in the Department of Statistics and Actuarial Science at the University of Waterloo. This fellowship is aimed at supporting the development of statistical methodology and software for the analysis of event history data. Event history data is the term used to describe information on the nature and timing of events occurring over the lifetimes of individuals or units. These data can arise from observing complex processes in settings such as medicine, manufacturing, sociology, demography, epidemiology, and public health. The types of problems motivating the research in this position occur in clinical and population health research. There will be contact and collaboration with health researchers in hospitals and other health research organizations, as well as the pharmaceutical industry. Specific areas of research include the analysis of recurrent events, multi-state models, and design for studies of chronic disease processes. Faculty in the department with interests in biostatistics include KS Brown, RJ Cook, G Fan, JF Lawless, DE Matthews, RJ O'Hara Hines, PX Song, CA Struthers, ME Thompson, and GY Yi, among others. Candidates must possess a recent PhD in Statistics or Biostatistics and have a strong background in survival analysis, stochastic processes, statistical inference, and statistical/scientific computing. An interest in teaching and good communication skills would be an asset. The initial appointment will be for one year, with the possibility of renewal for a second year. The deadline for applications is February 28, 2005, but the position may be filled earlier than that date. Interested persons are encouraged to send a curriculum vitae and have three letters of reference sent to: Professor J.F. Lawless, Chair, Statistics and Actuarial Science, University of Waterloo, Waterloo, Ontario, CANADA N2L 3G1. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities.

Hong Kong: Kowloon Tong

香港浸會大學
HONG KONG BAPTIST UNIVERSITY

DEPARTMENT OF MATHEMATICS

Professor/Associate Professor in
Statistics or Applied Mathematics (PR052/04-05)

The Hong Kong Baptist University is a public institution funded by the Hong Kong SAR Government. It was established in 1956 with a mission to provide quality higher education for the young people of Hong Kong. The Department of Mathematics hosts research programs in Applied Probability, Image Processing, Optimization and OR, Scientific Computing and Statistics. Further information is available at <http://www.math.hkbu.edu.hk>.

The Department of Mathematics invites applications for one senior faculty position. The appointee is expected to provide leadership in the further development of a strong research program in a supportive department. The appointee will also provide research and academic leadership, conduct significant research, publish in leading academic journals, and gain external research funding to support and expand research activities.

Applicants should possess a relevant PhD degree, with strong research records and teaching experience. Although priority for this position is in the area of statistics, applicants with strong background in other areas of applied mathematics will also be considered. Informal enquiries for the position may be made to Professor Tao Tang at ttang@math.hkbu.edu.hk.

Terms of Appointment: Starting salary will be commensurate with qualifications and experience. Benefits include contribution by the University to a retirement benefits scheme and/or a gratuity payable upon satisfactory completion of contract, annual leave, medical & dental benefits for appointee & family and housing assistance where applicable. Re-appointment thereafter is subject to mutual agreement.

Application Procedure: Application, together with updated curriculum vitae, a letter of intent (including statements of research and teaching interests), and copies of transcripts/testimonials should be sent to the Personnel Office, Hong Kong Baptist University, Kowloon Tong, Hong Kong. [Fax: (852) 3411-5001; e-mail: recruit@hkbu.edu.hk]. Application forms can be downloaded from: [<http://www.hkbu.edu.hk/~pers>]. Applicants are requested to send in samples of publications, preferably three best ones out of their most recent publications. Applicants should also request three referees to send in confidential reference to the Personnel Office direct. Please quote PR number on the application and any subsequent correspondence.

Details of the University's Personal Information Collection Statement can be found at [<http://www.hkbu.edu.hk/~pers/job>]. The University reserves the right not to make an appointment for the posts advertised, and the appointment will be made according to the terms & conditions then applicable at the time of offer.

Closing Date: 31 December 2004 (or until the position is filled)

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

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

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

Interested applicants should send a curriculum vitae, three letters of recommendation, a copy of publications and technical reports, a transcript (for new MS/PhD only) and other relevant documents to Philip E. Cheng, Search Committee, Institute of Statistical Science, Academia Sinica, Taipei, Taiwan 115, R.O.C. Please clearly indicate the position of interest in the cover letter. Fax: 886-2-27831523, E-mail: pcheng@stat.sinica.edu.tw Applications completed by December 31, 2004 will be given full consideration. More information: <http://www.stat.sinica.edu.tw/>

Hong Kong: Kowloon**Hong Kong University of Science and Technology, Department of Information and Systems Management**

Applications are invited for two tenure track assistant professor positions in statistics starting July 1, 2005. Appointment at a senior level could also be considered depending on qualifications. Demonstrated or potential excellence in research and teaching, and a doctoral degree by the time of appointment are required. Applicants with prior business school experience or interests in business related statistical research (e.g. data mining, financial time series, risk management, etc.) are especially welcome. Annual salary starts at US\$67,000. Review of applications begins on December 1, 2004, until the positions are filled.

Please submit a CV, the names and addresses of three referees to:

Recruitment Committee of Statistics Group,
Department of Information and Systems Management,
Hong Kong University of Science & Technology,
Clear Water Bay,
Kowloon,
HONG KONG.

Email: impost@ust.hk

Fax: (852)2358-2421

Please visit <http://www.ust.hk> for information about the department/school/university.

Queries regarding the position should be sent to e-mail address impost@ust.hk

New Zealand: Palmerston

Massey University

Palmerston North, New Zealand

Chair in Statistics**Institute of Information Sciences & Technology**

We invite applications from outstanding candidates to lead the Statistics programme and to develop appropriate research and postgraduate activities to complement the existing strengths in the Institute.

Closing date: 15 November 2004

Reference number: A253-04L

For further information and to apply online, visit:

<http://jobs.massey.ac.nz>

UK: Cambridge

UNIVERSITY OF CAMBRIDGE

University Lectureships in Statistical Laboratory and Fixed-Term Churchill Lectureship in Applicable Mathematics

Applications are invited for two or three established University Lectureships in the Statistical Laboratory. Up to two of these are open to candidates who are active in statistics. A third is open to candidates who are active in probability, statistics, and/or operations research, but preference will be given to individuals active in mathematical finance.

The successful candidates will have a strong research record. Applications are also invited for a three-year Churchill Lectureship, which is open to candidates with interests in any area of probability, statistics, operations research and mathematical finance. The successful candidate may be a recent PhD. The duties of all posts include contributing to the teaching and research of the Laboratory. The pensionable scale of stipends for a University Lecturer starts at £24,820 per year, rising by eleven annual increments to £38,303 per year. Appointees will be placed at an appropriate point on this scale. The Churchill Lecturer will be appointed within the first five salary points. The University offers a range of benefits including attractive pension schemes, family friendly policies, health and welfare provision and staff discounts. Most University Lecturers accept a concurrent college fellowship, with additional stipend. 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. See www.statslab.cam.ac.uk.

Further particulars may be obtained from the Director, Professor R.R. Weber, Statistical Laboratory, Wilberforce Road, Cambridge CB3 0WB (tel. (01223) 337958; fax (01223) 337956; email lab@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 the closing date. The appointments will be from 1 September 2005 or as soon as possible thereafter. The closing date for applications is 10 December 2004.

The University is committed to equality of opportunity.

USA: Arizona**ARIZONA STATE UNIVERSITY**

The Department of Mathematics and Statistics at Arizona State University invites applications for a tenure-track position at the Associate or Full Professor level, with expected starting date fall semester 2005. Applicants are required to have a Ph.D. in statistics, biostatistics, or mathematics (or a closely related discipline) with a research emphasis in statistics. Candidates must also have demonstrated excellence in statistical research and teaching appropriate to rank. Candidates with nationally recognized scholarly accomplishments in statistical methodology and collaborative research, a background of external funding, and experience in supervising graduate students are desired. 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 49 full time tenure-track faculty members, including five in a growing group of statisticians, and over 80 supported graduate students. The department undergraduate and graduate statistics programs are well established and of high-quality. Demand for statistical research and instruction at ASU is continuing to increase with numerous opportunities for interdisciplinary collaboration, for example with TGen, the Biodesign Institute (which includes Centers involving nanobiosciences, nanotechnology, bioengineering, genomics, and vaccinology), the Center for Environmental Studies, or many other projects spanning social sciences, education, physical sciences, and medicine. The successful candidate will have a unique opportunity to help shape the future direction of statistics at ASU.

Applicants must send i) a curriculum vitae, ii) a personal statement addressing their research agenda, and iii) a statement of teaching philosophy, and iv) 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 14, 2005; if not filled weekly thereafter until the search is closed. AA/EOE

USA: Arizona**ARIZONA STATE UNIVERSITY****Department Chair
Mathematics and Statistics**

The Department of Mathematics and Statistics at Arizona State University invites applications and nominations for the position of Department Chair. Arizona State University is a dynamic, internationally recognized research university serving more than 57,000 students in the Phoenix metropolitan area, one of the fastest growing urban centers in the nation (see <http://www.asu.edu>). ASU's Department of Mathematics and Statistics offers a full range of undergraduate and graduate programs in pure and applied mathematics, statistics, computational biosciences, and mathematics education (see <http://math.la.asu.edu/> for more detailed information). The department takes special pride in having a collegial atmosphere bolstered by permeable boundaries between formal programs and strong interdisciplinary ties to other departments.

The successful candidate is expected to provide visionary leadership, to oversee growth in the faculty and research programs, to supervise the further development of the graduate and undergraduate programs, and to establish ties between the department and other University or community-based research and education initiatives, while preserving a collegial, productive environment.

Candidates must have an earned doctorate in mathematics, statistics, or a closely related field; achieved national and international recognition for their scholarship appropriate to the rank of Professor; and have a distinguished scholarly record. Desirable qualifications include documented leadership skills, previous administrative experience in a doctoral-granting department, a history of external funding, experience with program development in research and education, evidence of strong communication and organizational skills, and evidence of commitment in working with and supporting a diverse student and faculty population.

The position is available beginning July 1, 2005, or as soon as possible thereafter. Salary and start-up will be competitive and commensurate with qualifications. Applicants must submit a cover letter and a current CV. Consideration of completed applications will begin on January 15, 2005, if not filled on the 1st and 15th of each month thereafter until the search is closed. Inquiries, applications and nominations must be directed to: Simon Peacock, Chair of the Search Committee for the Chair of the Department of Mathematics and Statistics, c/o College of Liberal Arts and Sciences, Arizona State University, PO Box 876505, Tempe, AZ 85287-6505; or email: simon.peacock@asu.edu. ASU actively seeks diversity among applicants and promotes a diverse workforce. 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 2005. By the time of appointment, candidates are expected to have a Ph.D. and excellent research record or potential, as well as a strong commitment to teaching. Rank and salary depend on the qualifications of the selected candidate(s).

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

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

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

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

Personnel Committee
Department of Mathematics
University of Arizona
P.O. BOX 210089
Tucson, Arizona 85721-0089
The University of Arizona is an EEO/AA Employer-M/W/D/V

USA: California**California State University, Chico**

To begin August 2005. Department of Mathematics and Statistics, Assistant Professor in Statistics. Qualifications include Doctorate in an area of statistics. Successful teaching experience and a commitment to quality teaching; demonstrated success or potential for conducting scholarly research; a strong interest in working with undergraduates and graduate students as a statistical consultant; and potential for pursuing external funding.

Review will begin January 12, 2005. Applications received after that date may be considered.

To view the full job description/qualifications and for more information about the university, college, and department, visit our website at: www.csuchico.edu/math/

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

Two Tenure-track assistant professor positions in statistics beginning August 2005. Requires Ph.D. in Statistics or related field. Candidates must indicate potential for excellence in teaching, research, and communication skills. Interest in applications is a plus. Full consideration will be given to applications received by 12/15/2005. The position remains open until filled.

Send cover letter, vita, three letters of reference, and transcripts to: Chair, Statistics Search Committee, Department of Mathematics, California State University, Fullerton, CA 92834.

For more details refer to http://math.fullerton.edu/framesets/employment_set.htm or <http://diversity.fullerton.edu>

USA: California**Caltech**

Caltech's Information Science and Technology Initiative invites applications for up to two tenure-track positions at the assistant-professor level. We are seeking highly qualified candidates committed to a career in research and teaching with a research focus in the engineering, mathematical, physical, biological, or economics aspects of information and computation. Possible home options include Applied and Computational Mathematics, Applied Physics, Computation and Neural Systems, Computer Science, Control and Dynamical Systems, and Electrical Engineering, with possible joint appointments outside Engineering and Applied Science in Divisions such as Biology, Physics, Mathematics and Astronomy, or Humanities and Social Sciences. Candidates interested in the mathematical foundations of information processing and communications are especially encouraged to apply.

Initial appointments at the assistant-professor level are for four years and are contingent on completion of the PhD degree. Exceptionally qualified applicants at the associate- or full-professor level are also encouraged to apply. Post-doctoral positions are also available.

Candidates are directed to the web pages at <http://www.ist.caltech.edu/joinus/positions.html> for instructions on how to apply on-line. Electronic (pdf) copies of your curriculum vitae (including a list of your publications), a statement of teaching and research plans, and three published manuscripts (pdf) are required as part of the application.

Caltech is an Equal-Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

USA: California**California State University, Hayward**

(overlooking San Francisco Bay) announces two Positions--#05-06 STAT-BIOSTAT-TT and #05-06 STAT-APPLIED-TT-- FULL-TIME TENURE TRACK ASSISTANT PROFESSOR. Must stipulate position number(s). Teach undergraduate/MS courses in Statistics/Biostatistics/Statistical Computation, sustain related research program. Advise, mentor ethnically diverse students. Required by start date (9/15/05): Ph.D. in Statistics/Biostatistics, US work authorization. Review 12/15/04 until filled. Application information:
Dept. of Statistics
CSUH
(510) 885-3435
www.sci.csuhayward.edu/statistics
EOE

USA: California**San Jose State University**

College of Business, Department of Marketing Tenure Track Position in Decision Sciences. A candidate should possess experience, expertise and demonstrated excellence in teaching and applied research in several of the following areas: forecasting, data-mining, decision sciences, business statistics and quantitative methods. Interest and some background in one of the three niche areas of the College: (1) global enterprise management, (2) high technology management, or (3) entrepreneurship and intrapreneurship, is required. Professional achievements and research leading to publications and scholarly papers are required. Knowledge of computer applications is required. For a full position description please visit <http://www.cob.sjsu.edu/mkt>

USA: California**Stanford University**

Faculty Position: Management Science and Engineering Department
www.stanford.edu/dept/MsandE

The MS&E Department at Stanford University invites applications for two tenure-track junior faculty appointments (Assistant or untenured Associate Professor) beginning September 2005. We are seeking applicants from all disciplines represented within our department, including decision and risk analysis, economics, entrepreneurship, finance, information science and technology, optimization, public policy, production and operations management, probability, strategy, systems analysis, as well as work, technology and organizations. Higher priority will be given to the overall innovation, impact, and promise of the candidate's work than to any specific area.

An earned Ph.D., evidence of the ability to pursue a research program, and a strong commitment to graduate and undergraduate teaching are required. Successful candidates will be expected to teach courses at the graduate and undergraduate levels and to build and lead a team of graduate students in Ph.D. research.

The Application deadline is March 1, 2005. Applicants should submit their curriculum vitae, any completed research papers, an official graduate transcript, brief statements of research and teaching interests and four letters of recommendation to: Search Committee Chair, Department of Management Science and Engineering, Stanford University, Stanford, California 94305-4026 or via electronic mail to msande-search@lists.stanford.edu
Stanford University is an equal opportunity, affirmative action employer.

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

We invite applications for a tenure-track Assistant Professor position, and a special full-time Neyman Visiting Assistant Professor position, beginning July 1, 2005. The Neyman Visiting Assistant Professor appointment is for a two-year duration (but can be shorter by mutual agreement) and is not renewable. We will consider strong candidates in any area of theoretical, applied, or computational statistics, or probability for both positions, with particular interest in computational and interdisciplinary activities.

Apply by January 15, 2005 to: Chair, University of California, Berkeley, Department of Statistics, 367 Evans Hall #3860, Berkeley, CA 94720-3860, fax 510-642-7892, e-mail recruit@stat.berkeley.edu Include resume, have three letters of reference sent directly and request that referees read the University's confidentiality statement, <http://apo.chance.berkeley.edu/evalltr.html>, prior to submitting their letters. Please specify in your application for which position you wish to be considered.

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

USA: California

Berkeley



University of California

FACULTY POSITION IN
COMPUTATIONAL BIOLOGY
#949

The University of California, Berkeley invites applications for a position in the area of **computational biology at the assistant (tenure track), associate or full professor level starting July 1, 2005** (appointment subject to budgetary approval). The University has committed to establishing Berkeley as the premier institution for education, training and research in Computational Biology, with numerous inter-campus research activities, full integration between multiple UC campuses through QB3, and relevant programs at the Lawrence Berkeley National Laboratory (LBNL) and the Joint Genome Institute (JGI). The position is associated with the newly created Center for Computational Biology along with a primary appointment in a traditional department, tailored to the individual, among Bioengineering, Biology (Molecular and Cell, Plant and Microbial, Integrative), Biostatistics (Public Health), Electrical Engineering and Computer Science (Engineering), College of Natural Resources, Mathematics, or Statistics, creating an exceptional environment for both research and training in this rapidly growing field. The successful candidate will have a unique opportunity to provide intellectual and technological leadership in computational biology and facilitate programmatic interactions across the University of California system.

Applicants should have (or be about to receive) a doctoral degree or equivalent in a quantitative field from one of the above departments, and a research focus in the broad area of computational biology. Specialized areas may include, but are not limited to:

- Statistical learning: methodology, algorithms and computing
- Biological inference from heterogeneous data sources, e.g. nucleotide and protein sequences, microarray data, SNPs, evolutionary processes, etc
- Methods and algorithms for mathematical/biophysical modeling of proteins, molecular machines, and cells

We seek individuals with demonstrated excellence in research, and the potential for excellence in teaching and leadership. Successful applicants will be expected to establish a pre-eminent research and educational program, and develop and teach courses in appropriate areas of the computational sciences.

Applicants should send a complete curriculum vitae, a selection of publication reprints (five or less), a brief statement of future research plans and teaching interests, and the names of at least three references to:

Professor Mark van der Laan
Center for Computational Biology
University of California, Berkeley
227 Hildebrand Hall
Berkeley, CA 94720-3220

The review of applications will commence on December 1, 2004; all applications must be received by March 1, 2005 for consideration in this year's recruitment cycle.

**The University of California is an equal opportunity affirmative action employer,
committed to excellence through diversity**

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

The Department of Statistics invites applications for one tenure-track Assistant Professor position, the appointment to start on July 1, 2005.

Applicants must have a Ph.D. in Statistics or in a related field, with research emphasis in the area of Computational Statistics. Demonstrated interest and ability to achieve an outstanding research and teaching record is required for a tenure track appointment. The successful candidate will be expected to teach at both the undergraduate and graduate levels. UC Davis has launched Bioinformatics and Computational Science initiatives, and the Department has graduate programs in Statistics and in Biostatistics.

Information about the Department and its programs 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 2003 or later) to:

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

Please direct all e-mail to: search@wald.ucdavis.edu

Review of applications will begin on Dec. 1, 2004, and will continue until the position is 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**Department of Statistics**

The Department of Statistics (www.stat.uci.edu) at the University of California, Irvine (UCI), invites applications for a tenure-track assistant professor position beginning Fall 2005. The department has a strongly interdisciplinary flavor, focused on developing methods to solve applied problems and advancing the statistical theory that underlies those methods. We are searching for faculty with strong research potential and enthusiasm for helping our department develop a graduate program. Applicants must hold a Ph.D. degree in Statistics, Biostatistics or a related field. 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 Donald Bren School of Information and Computer Sciences (www.ics.uci.edu) at UCI (www.uci.edu). A detailed account of plans for the new department is available at 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 electronically. Please refer to the following web site for instructions http://www.ics.uci.edu/employment/employ_faculty.php

The review of applications will begin December 15, 2004.

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

USA: California**University of California, Los Angeles, CA
Postdoctoral position in statistical genomics**

A postdoctoral fellow position is available in Chiara Sabatti's statistical genomics group, working on problems in computational biology and population genetics/gene mapping. An overview of the research topics can be found at <http://www.genetics.ucla.edu/labs/sabatti>

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, expression array, or genotypes is desirable and fluency in a scientific programming language necessary.

Applicants should send (e-mail is preferred) a complete curriculum vitae, a selection of publication reprints (five or less), a statement of future research plans, and three references letters to:

Chiara Sabatti csabatti@mednet.ucla.edu
Assistant Professor of Human Genetics and Statistics
University of California at Los Angeles
695 Charles Young Dr. South
Los Angeles, CA 90095-7088

USA: California**University of California, Riverside****Department of Statistics**

The Department of Statistics invites applications for a tenure-track position at an Assistant/Associate Professor level. Applicants should have a strong background in Mathematical Statistics with expertise in Bayesian Methods. Opportunities for collaborative research are available with the Genetics Graduate Program, the Institute of Genomics, and the Center for Biotechnology, all of which are concerned with basic research in statistical genomics, bioinformatics, environmental sciences, and biological statistics. A Ph.D. in Statistics, Biostatistics, or a related field with strong credentials in mathematical statistical theory, and the proven ability to conduct innovative research are required.

Assistant/Associate Level Position:

- Appointment at Associate Professor level requires evidence of nationally and/or internationally recognized achievements.
- Candidates should have a research program in Statistics with links to broad areas of statistical genomics, bioinformatics, environmental sciences, biotechnology or biological statistics. Basic research in Bayesian methodology and Statistics is encouraged.
- Teaching will include undergraduate and graduate level courses in mathematical statistics and applied statistics.
- Candidates should send CV, statement of teaching and research plans, and at least three references to the Chair of the Search Committee.

Evaluations of applicants will begin January 15, 2005, but the position will remain open until filled. Send application material to: Dr. Daniel R. Jeske, Chair, Search Committee, Department of Statistics, University of California, Riverside, CA 92521-0138. Telephone: 951-827-3014, Message: 951-827-3774, FAX: 951-827-3286 Email: daniel.jeske@ucr.edu. Department information: <http://cnas.ucr.edu/~stat/homepage.htm>.

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

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

Beginning Fall 2005.

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

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

The Department of Statistics and Applied Probability and the Department of Mathematics invite applications for an open level position, joint between the two departments. Starting date is July 1, 2005. The position is in a general area of Stochastic Analysis. Candidates with interest in Mathematical Finance are strongly encouraged to apply. Qualifications: research and teaching excellence and PhD in statistics, mathematics, or relevant field. Submit resume, statement of research and teaching objectives, the AMS Cover Sheet (available at <http://www.ams.org>), and four letters of reference (at least one of which is directed towards teaching). Materials should either be submitted electronically via <http://www.mathjobs.org> OR sent to: Search Committee, Department of Statistics and Applied Probability, University of California, Santa Barbara, CA 93106-3110 USA. Selection process begins November 20, 2004 and will continue until position is filled. Candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service are particularly encouraged to apply. An EE/AO employer. Additional information at <http://www.pstat.ucsb.edu> or <http://www.math.ucsb.edu>

USA: Connecticut**Yale University**

The Department of Statistics invites applications for a faculty position at the Full or Associate Professor level, beginning July 2005. Academic rank will be offered based on the applicant's record of excellence in research and teaching. The Department seeks expertise in the theory and practice of Statistics with a significant data-driven component in research and teaching activities. Ample opportunities exist for collaboration and cooperative teaching with faculty in computer science, biological sciences, social sciences, physical sciences and engineering, as well as for participation in Yale's programs in Bioinformatics and in Applied Mathematics.

The Department encourages excellence in teaching, and faculty members teach a broad range of courses at both graduate and undergraduate levels. Candidates should include a letter of application, curriculum vita, a statement of research and teaching interests, and arrange for three letters of reference to be sent directly to the address below. Review of applications will begin immediately 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: Colorado

**Colorado School of Mines
Department of Mathematical and Computer Sciences Assistant Professorships in
Mathematical Sciences**

The Colorado School of Mines invites applications for two anticipated tenure-track positions at the Assistant Professor level in mathematical sciences, starting in August 2005. The Department of Mathematical and Computer Sciences offers B.S., M.S., and Ph.D. degrees. Faculty research interests include numerical analysis and scientific computing, symbolic computing, nonlinear PDEs, wave theory, inverse problems, micro-local analysis and applied statistics. Applicants in all areas of applied and computational mathematics and statistics compatible with the research interests of the department are encouraged to apply.

Responsibilities include teaching at the undergraduate and graduate levels, directing graduate research, and developing a strong, externally funded research program. An earned Ph.D. in mathematics, statistics or a related field is required. Evidence of interest or successful involvement in interdisciplinary collaborative research in engineering and physical sciences is desirable. Applicants should have one or more years of postdoctoral experience and must provide evidence of research accomplishments and teaching competencies.

The Colorado School of Mines is Colorado's oldest public university. Located in Golden in the foothills of the Rockies 13 miles west of downtown Denver and 21 miles south of Boulder, the school has an enrollment of approximately 2700 undergraduates and 750 graduate students in a broad range of applied science and engineering disciplines. Research funding is approximately \$30 million annually. More information about the department can be obtained from <http://www.mines.edu/Academic/macsc>.

Applicants must submit (a) a curriculum vita, (b) four letters of reference, at least one of which addresses teaching ability, (c) a statement describing teaching experience and philosophy, and (d) a statement describing research interests and aspirations to: Colorado School of Mines, Office of Human Resources, Search # 04-081020, 1500 Illinois Street, Golden, CO 80401, fax 303-384-2025. Review of applications will begin not later than January 10, 2005.

CSM is an EO/AA employer and is committed to enhancing the diversity of its campus community. Women, minorities, veterans, and persons with disabilities are encouraged to apply.

USA: Florida**University of South Florida****Assistant Professor of Statistics**

The College of Arts & Sciences has a tenure-track, nine-month Assistant Professor position available starting in August 2005. Ph.D. in Statistics by the time of the appointment is required. Applicants with interests in interdisciplinary consulting and applied statistics are encouraged to apply. Salary is competitive.

Send a letter of application; current vita; statement of teaching and research interests; and three letters of recommendation by 01/21/2005 to:

Statistics Search Committee, Denise Marks
University of South Florida,
4202 East Fowler Avenue, PHY114,
Tampa, FL 33620-5700.

USF is an AA/EEO institution. For details: www.math.usf.edu

USA: Colorado**Colorado State University****Department of Statistics**

Tenure-Track Position Starting Fall 2005

The Department of Statistics at Colorado State University invites applications for a tenure-track Assistant Professor position starting Fall 2005. A PhD in statistics or related fields with a strong theoretical background and a commitment to high quality research and teaching in statistics and/or probability are required. Appointees will be expected to teach at both the undergraduate and graduate levels.

The department currently comprises 14 faculty and over 45 graduate students. It also supports the Graybill Statistical Laboratory and the Center for Applied Statistical Expertise with internal and external consulting activities. The department has a wide range of research expertise including applied probability, Bayesian statistics, statistical computing, nonparametrics and functional data analysis, design of experiments, environmental statistics, linear models, permutation methods, saddlepoint approximations, sampling, and time series. Further information about the department and position is available on our webpage <http://www.stat.colostate.edu/>

Applications for this position should include a complete CV containing educational background, teaching experience, and a list of publications; a summary of future research plans; and three letters of recommendation. The application and supporting materials may be sent electronically to search@stat.colostate.edu or via regular mail to: Faculty Search Committee, Department of Statistics, Colorado State University, Ft. Collins, Co 80523-1877. The deadline for receipt of applications is January 10, 2005. Applications received after this date will be considered until the position is filled.

Colorado State University is an EEO/AA employer, E.O. Office 101 Student Services.

USA: Colorado**Colorado State University****Department of Statistics***Associate/Full Professor Position Starting Fall 2005*

The Department of Statistics at Colorado State University invites applications for a regular faculty position at either the Associate or Full Professor level starting Fall 2005. A PhD in statistics or a related field and commitment to high quality research and teaching in statistics and/or probability are required. Preference will be given to candidates with research interests in applied probability modeling (including time series, stochastic processes, and spatial statistics) and bioinformatics (computational molecular biology and related problems including analysis of DNA and protein sequences, microarray analysis, genomics, proteomics, etc.). Candidates with outstanding research records in other areas are also strongly encouraged to apply.

The department currently comprises 14 faculty and over 45 graduate students. It also supports the Graybill Statistical Laboratory and the Center for Applied Statistical Expertise with internal and external consulting activities. The department has a wide range of research expertise including applied probability, Bayesian statistics, statistical computing, nonparametrics and functional data analysis, design of experiments, environmental statistics, linear models, permutation methods, saddlepoint approximations, sampling, and time series. Further information about the department and position is available on our webpage <http://www.stat.colostate.edu/>

Applications for the position should include a complete CV containing educational background, teaching experience, funded research activities, graduate advisees, and a list of publications. (Letters of reference will be requested for short-listed candidates.) The application and supporting materials may be sent electronically to search@stat.colostate.edu or via regular mail to

Faculty Search Committee
Department of Statistics
Colorado State University
Ft. Collins Co 80523-1877

The deadline for receipt of applications is January 14, 2005. Applications received after this date will be considered until the position is filled.

Colorado State University is an EEO/AA employer, E.O. Office 101 Student Services.

USA: Connecticut**J. Willard Gibbs Assistant Professor or Visiting Professor**

The Department of Statistics at Yale University invites applications for a position either as J. Willard Gibbs Assistant Professor or as Visiting Faculty. The Gibbs Assistant Professor position has a term of two years, with possibility of a third 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 immediately 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: Florida**Florida State University**

The Department of Statistics at Florida State University invites applications for a Ronald and Carolyn Hobbs Endowed Chair in Statistics position starting August 9, 2005. A Ph.D. in Statistics, Biostatistics, Computational Biology, or a related field is required. Candidates should have 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. See our web site at <http://stat.fsu.edu> to gain 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**

Beginning with the 2004/05 academic year, the School of Mathematics at Georgia Tech will embark on an ambitious faculty recruitment program – one which will be sustained over the next five years. Building on past successes, this recruiting effort is intended to make rapid advances in the scope and quality of our research and graduate education programs. Candidates will be considered at all ranks, with priority given to those candidates who (1) bring exceptional quality research credentials to Georgia Tech; (2) complement existing strengths in the School of Mathematics; (3) reinforce bridges to programs in engineering and the physical, computing and life sciences; (4) have strong potential for external funding; and (5) have a demonstrated commitment to high quality teaching at both the undergraduate and graduate levels. Consistent with these priorities, candidates will be considered in all areas of Pure and Applied Mathematics and Statistics. Candidates for positions at the Assistant and Associate Professor levels should arrange for a resume, at least three letters of reference, and a summary of future research plans to be sent to the Hiring Committee, School of Mathematics, Georgia Institute of Technology, Atlanta, GA, 30332-0160, USA. Candidates for Full Professor positions should submit a resume and a letter outlining their vision for service as a senior faculty member at Georgia Tech. Review of applications will begin in September 2004, and the roster of candidates being considered will be updated on a monthly basis. Georgia Tech, an institution of the University System of Georgia, is an Equal Opportunity/Affirmative Action Employer.

USA: Illinois**De Paul University**

The Department of Mathematical Sciences, DePaul University, invites applications for a tenure-track assistant professor position in Statistics/Actuarial Science, Fall 2005. Ph.D. 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.

Screening will begin December 10, 2004, and will continue until the position has been filled.

USA: Georgia**University of Georgia**

Tenure-track open area position.

Department of Statistics, University of Georgia, starting August 2005. Rank Assistant Professor.

See <http://www.stat.uga.edu> for complete information. Send application letter, curriculum vitae, transcript, statement of research agenda and three letters of reference to:

Search Committee, Department of Statistics, University of Georgia, Athens, GA 30602.

Applications received by January 7, 2005, will be assured of consideration.

The University of Georgia is an AA/EEO institution. We encourage applications from minorities and women.

USA: Illinois**University of Illinois at Chicago,****Department of Mathematics, Statistics and Computer Science**

The Department has active research programs in centrally important areas of pure mathematics, computational and applied mathematics, combinatorics and computer science, statistics, and mathematics education. See <http://www.math.uic.edu> for more information.

Applications are invited for the following positions, effective August 16, 2005.

Tenure track positions. Candidates in all areas of interest to the Department will be considered. The position is at the Assistant Professor level. Applicants must have a Ph.D. or equivalent degree in mathematics, computer science, statistics, mathematics education or related field, an outstanding research record, and evidence of strong teaching ability. The salary is negotiable.

Research Assistant Professorships. These are non-tenure track positions, normally renewable annually to a maximum of three years. These positions carry a teaching responsibility of one course per semester, and the expectation that the incumbent play a significant role in the research life of the Department. The salary for AY 2004-2005 for these positions is \$48,000, the salary for AY 2005-2006 may be higher. Applicants must have a Ph.D. or equivalent degree in mathematics, computer science, statistics, mathematics education or related field, and evidence of outstanding research potential.

Send vita and at least three (3) letters of recommendation, clearly indicating the position being applied for, to: Appointments Committee; Dept. of Mathematics, Statistics, and Computer Science; University of Illinois at Chicago; 851 S. Morgan (m/c 249); Chicago, IL 60607. No e-mail applications will be accepted. To ensure full consideration, materials must be received by January 1, 2005. However, we will continue considering candidates until all positions have been filled. Minorities, persons with disabilities, and women are particularly encouraged to apply. UIC is an AA/EOE.

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, 2005. 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 3, 2005. AA/EEO

USA: Maryland

**UNIVERSITY OF MARYLAND BALTIMORE COUNTY
DEPARTMENT OF MATHEMATICS AND STATISTICS**

The department has authorization to recruit for two tenure-track faculty positions starting in the fall of 2005 and invites applications for positions in statistics at the rank of assistant professor. The successful candidate should have a Ph.D. in an area of statistics, an active, independent research program, strong potential for obtaining external funding, and a commitment to excellence in teaching. Preference will be given to candidates with a demonstrated record of applications-oriented research. Although all areas will be considered, special consideration will be given to those who have the potential to make strong theoretical and interdisciplinary contributions in areas of the department's particular strengths and/or interests: bioinformatics, biostatistics, environmental statistics and national security. Pending funding, exceptional applicants of higher rank will also be considered.

The department offers BS, MS and Ph.D. degrees in statistics and in applied mathematics. Refer to the department's web page (<http://www.math.umbc.edu>) for more information. Applicants should send a vita, a summary of their current research program, and have three letters of reference sent to Statistics Recruitment Committee, Department of Mathematics and Statistics, University of Maryland Baltimore County, Baltimore, MD 21250. Screening of applicants will commence December 1, 2004, and will continue until the position is filled.

UMBC is an Affirmative Action, Equal Opportunity Employer.

USA: Indiana**Department of Statistics, Purdue University****Indiana, West Lafayette:****Faculty Position(s) in Statistics**

The Department of Statistics at Purdue University has one or more openings for faculty positions. Screening will begin December 1, 2004, and continue until the position(s) is (are) filled. See <http://www.stat.purdue.edu>.

The department also plans to fill, in a school-wide effort, several faculty positions in multidisciplinary areas. Within this effort, the department seeks to fill positions in the areas of bioinformatics, statistical computing and spatial statistics. Applicants in these fields should address the multidisciplinary contributions of their work in their research statement. For more information see <http://www.science.purdue.edu/COALESCE/>.

Essential Duties: Conduct advanced research in statistical sciences, teach undergraduate and graduate students and maintain service in the Statistics Department.

Essential Qualifications: Require Ph.D. in Statistics or related field, in hand or expected by August 15, 2005. Candidates must demonstrate potential excellence in research and teaching. Salary and benefits are competitive and commensurate with qualifications. Rank and salary are open.

Candidates for assistant professor should send a letter of application, curriculum vita and three letters of reference. For senior positions, send a letter of application or nominations, curriculum vitae, and the names of three references.

Purdue University is an AA/EA/EO employer and educator.

Send applications to: Mary Ellen Bock, Head, Department of Statistics, Purdue University, 150 N. University Street, West Lafayette, IN 47907-2067, USA.

USA: Iowa**Assistant Professor, Survey Statistics****Iowa State University**

Applications are invited for a tenure-track assistant professor, Department of Statistics and Center for Survey Statistics & Methodology, Iowa State University. Candidate must have outstanding potential for excellence in research, inter-disciplinary collaboration, teaching, graduate advising. Experience in survey statistics not essential. Doctorate in Statistics or related field required.

Send curriculum vitae, transcripts, 3 recommendations, teaching and research statements, dissertation abstract as PDF attachments to surveyfacultysearch@iastate.edu. (If necessary, hard copies to Survey Faculty Search, Dept of Statistics, 102 Snedecor Hall, Iowa State University, Ames, Iowa 50011-1210.) Review will begin 01/03/05. More info at www.stat.iastate.edu.

USA: Iowa

IOWA STATE UNIVERSITY

OF SCIENCE AND TECHNOLOGY

Department of Statistics
<http://www.stat.iastate.edu>

The Department of Statistics at Iowa State University invites applications for three tenure-track or tenured faculty positions. A Ph.D. in statistics or a closely related field is required. Interest or experience in on-campus collaborative research in the biological sciences is desired for one of the three positions. Academic rank will be offered based on potential for or record of research excellence and teaching in statistics. Review of applications will begin on November 30, 2004 and will continue until the positions are filled.

The Department of Statistics has a large and diverse faculty and well established and effective M.S. and Ph.D. programs. 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 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>.

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. Preferably, submit materials electronically as .PDF e-mail attachments to statfacultysearch@iastate.edu. If paper materials must be used, please mail to: Faculty Search, Statistics Department, 102 Snedecor Hall, Iowa State University, Ames, Iowa 50011-1210.

Iowa State University is an Equal Opportunity/Affirmative Action Employer.

USA: Massachusetts**Harvard School of Public Health**

The Department of Biostatistics, Harvard School of Public Health is seeking candidates for the position of assistant or associate professor of biostatistics in four areas: HIV/AIDS, environmental health, public health surveillance, and cancer. Responsibilities associated with these positions include methodological and collaborative research, teaching, and the supervision of graduate students. Applicants for these positions should have a doctorate in biostatistics or statistics, or equivalent. While specific experience in the respective area is a plus, the main criterion for selection will be an outstanding potential to conduct methodological and substantive collaborative research. While candidates may specify one or more of the four areas in their application, the search committee will generally consider all candidates for all of the open positions. Please send a letter of application, including a statement of current and future research interests, a curriculum vitae and names of three references to:

Chair, Search Committee for Asst. Professor of Biostatistics
 Department of Biostatistics
 Harvard School of Public Health
 655 Huntington Avenue, Building Two-4th Floor
 Boston, MA 02115

The Harvard School of Public Health is strongly committed to increasing the representation of women and minority members among its faculty and particularly encourages applications from such candidates.

USA: Massachusetts**Massachusetts Institute of Technology
Statistics:**

The Department of Mathematics may make appointments at the level of instructor or higher in STATISTICS or APPLIED PROBABILITY starting September 2005. Open to doctorates with strong research and teaching qualifications. Applicants should (a) submit a vita and a description of their most recent research and future plans; and (b) arrange for three letters of reference to be sent directly.

Deadline: January 10, 2005.

Address:

Statistics Committee,
 Massachusetts Institute of Technology,
 Room 2-263, 77 Massachusetts Ave.,
 Cambridge, MA 02139-4307.

MIT is an Equal Opportunity,
 Affirmative Action Employer.

USA: Massachusetts**Williams College**

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

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

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

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

The Department of Statistics anticipates filling one or more positions starting 9/05. 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 for details on areas and materials to be provided. Competitive salary/fringe benefits. Review of applications will commence on December 15, 2004. Women and minorities are encouraged to apply. The University is supportive of the needs of dual career couples. Affirmative Action/Equal Opportunity Employer.

USA: Michigan**Michigan State University****Department of Statistics and Probability**

East Lansing, MI 48824-1027

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

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

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

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

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

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

Applications are invited for tenure-track assistant professor beginning Fall 2005. The candidate is expected to maintain a strong research program including collaborative research, exhibit excellence in teaching, serve conscientiously on departmental committees, participate in work of the statistical consulting unit, and engage in curriculum development for the existing Master and a planned PhD program in statistics. Typical teaching load is 2 courses per semester and includes graduate statistics course. Academic salary is commensurate with experience and qualifications.

Applications completed by January 10, 2005 will receive full consideration. See <http://www.unr.edu/math> and <http://www.unr.jobs.unr.edu> for detailed position announcement and information about our department. AA/EEO. Women and under-represented groups are encouraged to apply.

USA: New York**Columbia University**

The Columbia University Department of Statistics invites applications for an assistant professor position for Fall, 2005.

Candidates should evidence potential for excellence in research and teaching and should have interest in applications. PhD required.

Send a cover letter, Curriculum Vitae, and three reference letters to: Search Committee, Department of Statistics, Columbia University, 1255 Amsterdam Ave., MC 4690, New York, NY 10027.

Review of applications will begin on January 15, 2005 and continue until the position is filled.

Columbia University is an Affirmative Action/Equal Opportunity Employer. Women and Minorities are especially encouraged to apply.

USA: New Hampshire

DARTMOUTH COLLEGE: Tenure-track Assistant Professorship with initial appointment in the 2005-2006 academic year, in Applied Mathematics. In extraordinary cases, an appointment at a higher rank is possible. Candidates need ability to work across disciplines, in particular, to strike up collaborations across campus with departments such as biology, physics or computer science. Current applied interests include (but are not limited to) imaging, signal processing, computational number theory, statistical physics, stochastic processes, quantum computing and computational biology and are receiving funding from various sources including NSF and NIH. Teaching responsibility is three courses spread over three of four ten-week terms. New faculty members offered grants for research-related expenses and a quarter of sabbatical leave for each three academic years in residence. Get a copy of the application information and the required response form on line at <http://www.math.dartmouth.edu/recruiting/>, or send letter of application, curriculum vita, and 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 December 15, 2004 considered first. Women and minorities are particularly encouraged to apply.

USA: New Hampshire

DARTMOUTH COLLEGE: Tenure-track Mathematics Assistant Professorship beginning 2005-2006. In extraordinary cases, an appointment at a higher rank is possible. Candidates should be working in either set theory/logic or areas of algebra with connections to existing research interests in the department. Examples include computational algebra, algebraic and arithmetic geometry, algebraic combinatorics, representation theory, and coding theory. In exceptional circumstances, other research areas may be considered. Must have strong commitment to outstanding teaching and interaction with students at all levels of undergraduate and graduate study. Teaching responsibility is three courses spread over three of four ten-week terms. New faculty members offered grants for research-related expenses and a quarter of sabbatical leave for each three academic years in residence. Applications at <http://www.math.dartmouth.edu/recruiting/>, or, send application letter, vita, research statement, four recommendation letters (one teaching), to Donna Black, Department of Mathematics, Dartmouth College, 6188 Bradley Hall, Hanover, NH 03755-3551. Applications completed by December 15, 2004 considered first. Women and minorities encouraged to apply.

USA: New York**University of Rochester**

Postdoctoral position in Environmental Health Biostatistics. Design and analysis of epidemiologic and laboratory studies, didactic training, independent research. U.S. citizenship or permanent residency and PhD in statistics or related discipline required. Send vitae, transcripts, papers and arrange for three reference letters to: David Oakes, Dept. Biostatistics and Computational Biology, University of Rochester Medical Center, 601 Elmwood Avenue, Box 630, Rochester, NY 14642. AA/EOE.

USA: New Jersey**Bell Labs, Lucent Technologies**

Statistics Research at Bell Labs, Lucent Technologies invites applications for regular and post doc positions. Our research is interdisciplinary, with applications ranging from the dynamics of wireless networks to accelerated life tests. Current challenges include visualizing, modeling and computing for streams of data and data fusion across network hierarchies. For more information about the position and how to apply, visit <http://stat.bell-labs.com>

USA: New Mexico

Statistical Sciences Group

Los Alamos National Laboratory

www.stat.lanl.gov

Ph.D. Statisticians

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

To apply, send resume, one page professional statement, three letters of reference, and copies of transcripts (for entry-level applicants) to: Statistical Sciences Search Committee, Los Alamos National Laboratory, P.O. Box 1663, MS F600, Los Alamos, NM 87545. Applications completed prior to January 14, 2005, will receive full consideration.

Pushing the Frontiers of Science

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

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

The Statistical Sciences Group was formed in 1967 to provide the Laboratory with a center of expertise in statistics. The group consists of 23 statistical scientists plus supporting personnel, visiting faculty, graduate students, and postdoctoral fellows. It offers challenging opportunities in statistical research and applications for individuals eager to participate in multidisciplinary scientific activities. The group currently has expertise in a range of methodologies including Bayesian methods, biomathematics, computer model evaluation, environmental statistics, Monte Carlo and computer-intensive methods, reliability analysis, spatial modeling, statistical graphics and visualization, and stochastic processes.

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

Los Alamos Area

Los Alamos is situated at 7,300 feet on the colorful mesas that extend from the wooded slopes of the Jemez Mountains. The town of about 18,000 people overlooks the Rio Grande Valley with further views of the Sangre de Cristo range, which forms the southern end of the Rocky Mountains. Los Alamos is a scenic 40-minute drive from the historic and cultural center of Santa Fe and is just 25 minutes from Bandelier National Monument, the site of ancient Native American cliff dwellings. Opportunities for outdoor activities such as skiing, fishing, mountain biking, and hiking abound in the Los Alamos area.



USA: New York

THE CITY COLLEGE

The City University of New York

Assistant/Associate/Full Professor in Statistics/Applied Probability (Tenure Track)

The Mathematics Department at The City College of New York seeks a research mathematician whose scholarly work is in statistics or applied probability, with an interest in engineering, biological, or scientific applications. Duties will include teaching undergraduate and graduate courses in probability and statistics, as well as further development of statistic courses at the graduate level. The successful applicant will be expected to continue an active research program supported in part by external funding.

Requirements: Ph.D. and at least two years experience in a postdoctoral or teaching position, with an established research record. Teaching and/or work experience should include use of major statistical software packages. Data analysis experience preferred. Salary/Rank: Commensurate with qualifications and experience.



To Apply: Send CV, a letter detailing research and interest, and arrange to have three (3) letters of reference sent to: **Statistics Search Committee, Department of Mathematics, The City College of New York, Room R8133, 160 Convent Ave., NY, NY 10031.**

Additional information available at www.ccny.cuny.edu.

The City College/CUNY is an EEO/AA/IRCA/ADA Employer.

USA: New York

Columbia University

The Columbia University Department of Statistics invites applications for a senior faculty position in statistics.

The successful candidate will have a record of outstanding research and academic leadership. Please send a Curriculum Vitae to:

Search Committee, Department of Statistics, Columbia University, 1255 Amsterdam Ave., MC 4690, New York, NY 10027.

Review of applications will begin on January 15, 2005 and continue until the position is filled.

Columbia University is an Affirmative Action/ Equal Opportunity Employer. Women and Minorities are especially encouraged to apply.

USA: Oregon

Oregon State University

Tenure-track Assistant Professor in Statistics, beginning Fall 2005. Ph.D. in statistics/biostatistics and strong teaching and research potential. Duties include teaching, research, and collaborations in the natural resources and/or bioscience areas. Preferred qualifications include a demonstrable commitment to promoting and enhancing diversity. Send curriculum vitae and graduate transcripts, and have 3 letters of reference sent to Search Committee, Dept. of Statistics, 44 Kidder Hall, Oregon State Univ., Corvallis, OR 97331-4606.

For full consideration apply by Jan. 15, 2005. For more information: <http://oregonstate.edu/dept/statistics>. OSU is an AA/EEO employer and is responsive to dual-career needs.

USA: New York

College of Staten Island

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 at the Assistant Professor level, to start September 2005. Required: PhD in applied mathematics, mathematical finance, statistics, or related discipline; demonstrated commitment to research; and excellence in undergraduate and graduate teaching. Postdoctoral or industrial experience in cross-disciplinary research encouraged. Responsibilities include teaching undergraduate and/or graduate courses, assisting in curriculum development and implementation of an interdisciplinary applied mathematics initiative, performing department and college service, and engagement in an active and productive research agenda. Current departmental research includes quantum and classical nonlinear dynamical systems, discrete mathematics, probability theory, fluid dynamics, numerical analysis, computational mathematics, and mathematical physics. The successful candidate will present credentials appropriate for appointment to the doctoral faculty of the CUNY Graduate School. Salary range \$47,331 - \$61,111 commensurate with qualifications. Review of applications will begin on December 1, 2004 and continue until the position is filled. Send letter of application, curriculum vitae, statement of teaching philosophy and research plans, and arrange for three or more letters of reference to be sent to: Professor John Verzani, Chair, Applied Mathematics Search Committee, Department of Mathematics, College of Staten Island/CUNY, 2800 Victory Blvd., Staten Island, NY 10314. email: position@math.csi.cuny.edu (enquiries only); <http://www.csi.cuny.edu>. EEO/AA/ADA employer.

USA: North Carolina**North Carolina State University***A Tenure-Track Assistant Professor Specializing in Bioinformatics*

The Department of Statistics at North Carolina State University invites applications for a tenure-track Assistant Professor position specializing in bioinformatics. The appointee will be a tenure-track member of the statistics department, will be housed in the Bioinformatics Research Center, and will have teaching responsibilities for the bioinformatics and statistics programs.

North Carolina State University is a leading center of activity in genomic sciences, with substantial strength in bioinformatics <http://bioinformatics.ncsu.edu>. Its Bioinformatics Graduate program was established in 1999 and has now produced 8 PhD and 22 Master of Bioinformatics graduates. There are 50 students currently in the program, supported by NSF-IGERT, NSF-VIGRE and NIH Training Grant funds as well as by University Fellowships. The Bioinformatics Research Center was established in 2000 to work collaboratively with genomic scientists on campus as well as in the nearby Research Triangle Park and beyond. The Department of Statistics at the university has housed an internationally-acclaimed program in statistical genetics since its founding in 1941, and is now also a key contributor to the bioinformatics activity on campus.

All applicants must have a Ph.D. in statistics, bioinformatics, or a related field, as well as a demonstrated interest in molecular biology. Some preference may be given to applicants whose research complements that in the statistical genetics program and that falls into the general areas of proteomics, metabolomics or gene expression.

All applicants should send a letter of application, curriculum vitae, and 3 references either electronically to bioinformatics_search@stat.ncsu.edu or as a hard copy to: Professor Bruce Weir, Chair, Bioinformatics Search Committee, Department of Statistics, Box 7566, North Carolina State University, Raleigh, NC 27695-7566

Processing of applications will begin December 20, 2004 and continue until the positions are filled. Women and members of other underrepresented groups are especially encouraged to apply.

For more information about the department, see: <http://www.stat.ncsu.edu/>

North Carolina State University is an equal opportunity and affirmative action employer. In its commitment to diversity, the University seeks applications from women, underrepresented minorities, and persons with disabilities. NC State University welcomes all persons without regard to sexual orientation. Individuals with disabilities desiring accommodations in the application process should contact Merronda Cline, voice: (919) 515-1944; email: mtcline@stat.ncsu.edu; fax: (919) 515-7591.

USA: Oregon**Portland State University, Department of Mathematics & Statistics**

Assistant Professor Position (Fixed-Term) in Statistics. Applications are invited for a Fixed-Term, Non-Tenure Track Assistant Professor position in Statistics beginning September 16, 2005. This is a two-year position which may, depending on availability of external funding, be renewed. All areas of Statistics will be considered. Duties include teaching, advising when appropriate, and research in Statistics. Selected candidate will join an active group of statisticians supporting an M.S. degree in Statistics and a Ph.D. in Mathematical Sciences of which Statistics is a part. Candidates are expected to have completed a doctoral degree in Statistics or a Mathematical Science with an emphasis in Statistics, show evidence of outstanding research potential, and a strong commitment to excellence in teaching. Candidates with a biostatistics, bioinformatics, genomics and/or medical research interest will have an opportunity to develop collaboration with faculty at the nearby Oregon Health & Science 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 molsee@pdx.edu. Review of files will start February 15, 2005 and continue until the finalists are identified.

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

Three positions available:

1. Assistant or Associate Professor in pure or applied mathematics, statistics or mathematics education. Tenure related.
2. Assistant or Associate Professor in probability, statistics or related area. Tenure related.
3. Paul Olum Visiting Assistant Professor, two-year postdoc. Non-tenurable.

For descriptions, qualifications and application instructions, see <http://uoregon.edu/~math/employment.html>. Application materials may NOT be submitted electronically. Closing January 5, 2005.

Women and minorities are encouraged to apply. The University of Oregon is an EO/AA/ADA Institution committed to diversity.

USA: North Carolina



Postdoctoral Fellowships for 2005-2006

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, 2005, or January, 2006. 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 2000 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.

SAMSI programs planned for the year 2005-06 are:

- **Financial Mathematics, Statistics and Econometrics**, with emphasis on modeling, data analysis and computation, in application to derivatives, options and defaultable securities (Fall 2005).
- **National Defense and Homeland Security**, with emphasis on biointelligence, real time inference, anomaly detection, data integration, and dynamics of massive databases (Fall 2005 – Spring 2006).
- **Astrostatistics**, with emphasis on collaborations involving astronomers, mathematicians and statisticians on novel problems facing upcoming astronomy missions (Spring 2006).

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

Criteria for selection include demonstrated research ability in statistical and/or applied mathematical sciences, interest and (to a lesser degree) experience in the SAMSI program areas and vision, and strength in computation and in verbal and written communication. The deadline for full consideration of applications is February 15, 2005, although later applications will be considered as resources permit. Postdoctoral appointments may be made at any time.

SAMSI accepts only electronic applications. Additional information and the electronic application can be accessed at www.samsi.info.

SAMSI is an AA/EEO employer

USA: North Carolina**North Carolina State University**

The Department of Statistics at North Carolina State University invites applications for tenure-track faculty positions at all ranks. Appointments are to begin in August 2005.

The Department is one of the oldest and largest in the country and provides a dynamic environment for teaching, research and collaborations across disciplines, with formal programs in genetic, environmental, industrial statistics, biostatistics, bioinformatics, and biomathematics. It also has strong programs in statistics education, mathematical statistics, and a wide range of other applications. The Department has been awarded a prestigious NSF VIGRE grant (for the second time in 2004) that integrates undergraduate through postdoctoral research and education through various mentoring activities. The Department's location in the Research Triangle provides rich opportunities for interactions with industry; other universities, including Duke and the University of North Carolina at Chapel Hill; and government agencies. Faculty enjoy collaborations with medical researchers at Duke, environmental scientists at the EPA research facility, pharmaceutical researchers at GlaxoSmithKline, and software developers at SAS Institute, among many others. The Department also is a founding cooperator of the National Institute of Statistical Sciences (NISS) and the NSF funded Statistical and Applied Mathematical Sciences Institute (SAMSI). Both NISS and SAMSI provide excellent research opportunities. A recent external review of the department also recommended that the department continue to build on its successes in bio, environmental and mathematical statistics initiatives. It is an exciting time to be in the Research Triangle area and an exciting time to join a department that is looking to expand significantly on its strengths.

All applicants must have a Ph.D. in Statistics or Biostatistics. Candidates for Associate or Full professor should have an established record of funded research, collaboration, and good teaching. Responsibilities include teaching and research. The department seeks applications from candidates from ALL areas of statistics.

All applicants should send a letter of application, curriculum vitae, and the names and contact information for three references either electronically to stat_search@stat.ncsu.edu or as a hard copy to: Professor John Monahan, Chair, Statistics Search Committee, Department of Statistics, Box 8203, North Carolina State University, Raleigh, NC 27695-8203

Processing of applications will begin November 15, 2004 and continue until the positions are filled. Women and members of other underrepresented groups are especially encouraged to apply.

For more information about the department, see <http://www.stat.ncsu.edu/>

North Carolina State University is an equal opportunity and affirmative action employer. In its commitment to diversity, the University seeks applications from women, underrepresented minorities, and persons with disabilities. NC State University welcomes all persons without regard to sexual orientation. Individuals with disabilities desiring accommodations in the application process should contact Merronda Cline, voice: (919) 515-1944; email: mtcline@stat.ncsu.edu; fax: (919) 515-7591.

USA: Pennsylvania**Carnegie Mellon University**

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

USA: Pennsylvania**Lehigh University**

The Lehigh Department of Mathematics seeks to build on its strengths in probability and statistics by hiring at the Assistant Professor level in statistics, including biostatistics.

A successful candidate will demonstrate great research potential, and have a record of successful teaching commensurate with the position. Applications from new and recent Ph.D.'s are welcome.

As part of their application, candidates should submit: (a) an AMS cover sheet; (b) a complete vita, including a list of publications; (c) a research plan; and (d) at least four letters of recommendation, at least one of which addresses the candidate's teaching.

Applications received by November 15 will be assured of full consideration. Application materials should be sent to: Statistics Hiring Committee, Department of Mathematics, Lehigh University, Bethlehem, PA 18015-3174

For detailed information see the department website: <http://www.lehigh.edu/~math> Lehigh University is an Equal Opportunity/Affirmative Action employer.

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

The Department is seeking to fill one tenure track or tenured position at any level beginning September 2005. Applicants are expected to show outstanding capacity for achievement in research. Additionally, candidates must have excellent communication skills and enthusiasm for teaching.

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

The University of Pennsylvania is an EOE. Minorities, women, individuals with disabilities and veterans are encouraged to apply.

USA: South Carolina**Clemson University, Department of Mathematical Sciences**

The Department of Mathematical Sciences at Clemson University invites applications for expected tenure-track statistics faculty positions starting with the Fall 2005 semester. Statistics is part of a comprehensive department at Clemson University which also includes the areas of computational mathematics, mathematics education, operations research, analysis, algebra and discrete mathematics. The Department offers Ph.D., M.S., and B.S. degrees in Mathematical Sciences, with a concentration in Statistics, and there presently are 80 students in the graduate program. Targeted recruiting is for the assistant professor rank but applicants for all ranks will be considered. Desirable attributes for candidates include an interest in interdisciplinary research and consulting projects, teaching both graduate and undergraduate courses in statistics and supervising M.S. and Ph.D. students. An earned doctorate or equivalent is required for the tenure track positions. Applications received by December 1, 2004 will receive full consideration. Applicants should indicate their research specialties and interests in their cover letter. Vita and three reference letters should be sent to: Faculty Search Committee, Department of Mathematical Sciences, Box 340975, File IM, Clemson University, Clemson, SC 29634-0975.

For further information regarding the department and its programs, please visit the web site <http://www.math.clemson.edu> CU is an AA/EO employer and encourages applications from women and minorities.

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

The Division of Applied Mathematics seeks applicants for a position at the tenure-track (Assistant Professor) or tenured (Associate or Full Professor) level, in the general areas of probability and statistics. The starting date for the position is July 1, 2005. Preference will be given to applicants who combine research in probability and statistical theory with important applications to science, who add distinct new dimensions to the Division's current research and who bridge current activities in the Division. At the Assistant Professor level, preference will be given to individuals with postdoctoral experience. Applicants at the Associate and Full Professor levels should have achieved international recognition for first-class contributions in their specialties. Additionally, candidates for Full Professor are expected to be acknowledged leaders and should be prepared to assume a leadership role in probability and/or statistics at Brown. Good communication and teaching skills are required. Applicants should submit curriculum vitae, representative preprints and reprints, and a concise description of research interests and goals to: Attn: Probability and Statistics Search, Professor Chi-Wang Shu, Division of Applied Mathematics, Brown University, PO BOX F, Providence, Rhode Island 02912, USA

Applicants for Assistant Professor should arrange to have at least three letters of recommendation sent directly to the Search Committee at the same address. Applicants for Associate or Full Professor should arrange to have at least five letters of recommendation sent directly to the Search Committee and should provide the names and contact information for the references at the time of application. To receive full consideration, complete applications should be received by November 30, 2004. Brown University is an affirmative action/equal opportunity employer. Women and minorities are encouraged to apply.

USA: Utah**Utah State University****Department of Mathematics and Statistics**

Applications are invited for two tenure track Assistant Professor positions in statistics or applied probability, to begin August 2005.

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 established experience in bioinformatics, biostatistics, or computational and graphical statistics.

See full position announcement at <http://www.math.usu.edu>

USA: Rhode Island**Brown University, Center of Computational Molecular Biology****Faculty Positions: Assistant, Associate or Full Professor**

Brown University seeks highly qualified candidates for up to three tenure-track or tenured faculty positions in the newly created Center of Computational Molecular Biology (CCMB). The Center's activities focus on the biological sciences, using computational and quantitative approaches in sequence analysis, functional and comparative genomics, proteomics including protein structure, and evolutionary biology. Applicants should have a demonstrated record of excellence in research. Tenure applicants must have a strong record of funding and impact in computational molecular biology; additionally, applicants for Full Professorship should have international recognition and a position of leadership in the field.

Appointees will have the opportunity to participate in several NIH or NSF funded interdisciplinary programs, such as the new initiative in Genetics, Genomics and Proteomics. They will be expected to have good communication and teaching skills, and to participate in CCMB's planned graduate program and in multidisciplinary collaborations with Brown faculty and students. Faculty appointments (or joint appointments) will be in the Division of Applied Mathematics, Department of Computer Science, or a participating department from the Division of Biology and Medicine.

Applicants should submit curriculum vitae, representative preprints or reprints, and a concise description of research interests and goals with emphasis in their interdisciplinary expertise. Additionally, candidates for Assistant Professorship should arrange to have at least three letters of recommendation sent directly to the contact address. Candidates for Associate or Full Professor should provide names and contact information for at least five references, and these will be contacted for letters of recommendation by the search committee at an appropriate time. Applications for Associate or Full Professor will be treated with confidentiality. The anticipated start date is July 1, 2005. Review of applications will begin on December 1, 2004. Contact address: ATTN: CCMB Search, c/o Ms. Madeline Brewster, Division of Applied Mathematics, Brown University, Box F, Providence, RI 02912.

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

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

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

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

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

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

Faculty Search Committee,

Department of Statistics,

Texas A&M University,

3143 TAMU,

College Station,

TX 77843-3143

Evaluation of applications will begin December 15, 2004. Applications will continue to be accepted until the positions are filled.

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

USA: Utah**The University of Utah**

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

- Full-time tenure-track or tenured appointments at the level of assistant, associate professor or full professor. Applicant should receive their Ph.D. degrees prior to 2004. Mathematicians working in probability or statistics are encouraged to apply.
- Postdoctoral positions with Research Training Group in Mathematical Biology
- Visiting faculty positions of one year or less, in any of the professional ranks, depending upon availability of funding.

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

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

USA: Virginia**University of Virginia**

The Department of Statistics at the University of Virginia has the following opening for an appointment to begin in the Fall 2005 term: a Tenure-Track Assistant Professorship

The research area for the position 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 B.A., 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, 2005 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.

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

The Center for Statistics and the Social Sciences (CSSS) invites applications for a tenure-track Assistant, Associate, or Full Professor.

The position will be joint between the Department of Statistics and a social science department (such as Anthropology, Economics, Geography, Nursing, Political Science, Public Policy, or Sociology). CSSS is an interdisciplinary center that fosters collaborative research between statistics and social sciences (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 1, 2004. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. AA/EOE.

USA: Wisconsin**University of Wisconsin-Madison**

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

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

December 2004

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

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


  December 29– January 1, 2005: Indian School of Business, Hyderabad, India. **Joint IMS-SRMS Mini-meeting: The Future of Statistical Theory, Practice and Education.** IMS Reps: Partha Lahiri, CR Rao, N Balakrishnan **e** crr1@psu.edu **w** <http://www.stat.ohio-state.edu/~hnn/hydstatconf.html>

January 2005

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

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

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

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



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

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

February 2005



February 15–17: Beer Sheva, Israel. **The International Symposium on Stochastic Models In Reliability, Safety, Security and Logistics (SMRSSL'05).** Dr Ilia B. Frenkel, Industrial Engineering and Management Department, Negev Academic College of Engineering (NACE), Bialik/Bazel Sts., P.O. Box 45, Beer Sheva, 84100, ISRAEL. **t**: +972-8-6475642; **f**: +972-8-6475643; **e**: SMRSSL05@nace.ac.il **w** <http://www.nace.ac.il/extra/SMRSSL05/>

March 2005


  March 17–19: Arizona State University, Tempe. **Sixth International Conference on Forensic Statistics.** IMS Program Chair A John Bailer. **w** <http://icfs.law.asu.edu/>

 March 20–23: Austin, Texas. 2005

ENAR/IMS Spring Meeting. IMS Program Chair A John Bailer. **w** www.enar.org/meetings.htm


  March 24–26, 2005: Cornell University, New York. **2005 Seminar on Stochastic Processes.** **w** www.math.cornell.edu/~lawler/ssp2005.html

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


 March 30–31: Trinity College Dublin, Ireland. **Young Statisticians Meeting 2005.** **e** ysm2005@tcd.ie

April 2005

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

 April 13–14: Auckland, New Zealand. **IASS 55: Complex Sampling, Retrospective Sampling and Missing Data: conference in honour of Alastair Scott.** **w** <http://www.stat.auckland.ac.nz/iass55/> Contact: Chris Wild **e** c.wild@auckland.ac.nz

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

 April 23: Storrs, CT. **The Nineteenth New England Statistics Symposium.** Contact Professor Mig-Hui Chen, NESS, Department of Statistics, University of Connecticut, 215 Glenbrook Road, U-4120, Storrs, CT 06269-4120, **t** (860)

Continued on **page 54**

International Calendar continued

486-6984 for messages (860) 486-3414, **e** mhchen@stat.uconn.edu **f** (860) 486-4113. Register online **w** www.stat.uconn.edu.

May 2005

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

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

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

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

June 2005

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

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

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

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

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

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

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

June 26: University of California, Santa Barbara. Workshop on Stochastic Models in Molecular and System Biology. Satellite meeting of Stochastic Processes and their Application (SPA05). Organizer: Guillaume Bonnet, UCSB **e** bonnet@pstat.ucsb.edu **w** <http://www.pstat.ucsb.edu/projects/smmsb>

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

July 2005

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

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

NEW **July 10-15:** Sydney, Australia. 20th International Workshop on Statistical Modelling (IWSM2005). **w** www.uws.edu.au/iwsm2005 **e** k.matawie@uws.edu.au

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

NEW **July 20-23:** Carnegie Mellon University, Pittsburgh, PA. ISIPTA05: 4th International Symposium on Imprecise Probabilities and Their Applications. **w** <http://www.sipta.org/isipta05>

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

August 2005

NEW **August 2-6:** University of Minnesota, Minneapolis. 8th North American New Researchers Conference. [Deadline: February 15, 2005] **w** <http://pages.pomona.edu/~jsho4747/NRC/NRC.htm>

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

August 7-11: Minneapolis, Minnesota. IMS Annual Meeting at JSM2005. IMS Program Chair: David Madigan, Rutgers University, madigan@stat.rutgers.edu; IMS Local Chair: Peihua Qiu, University of Minnesota, qiu@stat.umn.edu

September 2005

NEW **September 16-17:** Carnegie Mellon University, Pittsburgh, PA. Eighth Workshop on Case Studies In Bayesian Statistics. **w** <http://www.stat.cmu.edu/bayesworkshop>

NEW **September 24 - October 2:** Centro Majorana, Erice, Italy. Workshop on Stochastic Methods in Game Theory. IMS Rep: Marco Scarsini. **w** <http://web.econ.unito.it/scarsini/Erice2005/>

March 2006

NEW March 14-17: Goethe University Frankfurt/Main, Germany. **German Open Conference on Probability and Statistics.** **w** http://stoch2006.math.uni-frankfurt.de/index_en.html

ims March 19-22: New Orleans, LA. **2006 ENAR/IMS Spring Meeting.** IMS Program Chair TBA. **w** <http://www.enar.org/meetings.htm>

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

May 2006

NEW May 28-31, 2006: London, Ontario. **2006 Annual Meeting of the Statistical Society of Canada.** Local Arrangements Chair, David Bellhouse: Dept of Statistical & Actuarial Sciences, Western Science Centre, U of Western Ontario, London, Ontario, Canada, N6A 5B7, **e** bellhouse@stats.uwo.ca **t** (519) 661-3614 **f** (519) 661-3813. Scientific program chair Richard Lockhart **e** lockhart@sfu.ca

July 2006

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

July 3-6: Auckland, New Zealand.

Australian Statistics Conference & New Zealand Statistical Association Conference. David Scott **e** d.scott@auckland.ac.nz

July 10-23: Cornell University, New York. **Summer School in Probability.** **w** <http://www.math.cornell.edu/~lawler/sum2005.html> or contact Greg Lawler at lawler@math.cornell.edu

NEW **ims** July 17-21, 2006: Paris, France. **Stochastic Processes and Applications XXXI.** IMS reps: E Perkins, J Pitman, P Protter, A Sznitman, S Tavaré and E Waymire. **w** <http://www.proba.jussieu.fr/pageperso/spao6/index.html>

August 2006

ims August 6-10: Washington, Seattle. **JSM2006.**

NEW August 28 – September 1: Rome, Italy. **COMPSTAT2006: 17th Conference of the International Association for Statistical Computing.** **w** <http://w3.uniroma1.it/compstat2006> **e** compstat2006@uniroma1.it

April 2007

ims April 15-18: Miami, FL. **2007 ENAR/**

IMS Spring Meeting. IMS Program Chair TBA. **w** <http://www.enar.org/meetings.htm>

August 2007

ims July 29 – August 2: Salt Lake City, Utah. **IMS Annual Meeting at JSM2007.**

August 2008

ims August 3-8: Denver, CO. **JSM2008.**

August 2009

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

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