

November 2007

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Advising junior faculty on research

IMS Bulletin Editor Xuming He writes:

If there is one thing that all statisticians agree on today, it is the recognition that statistics has evolved from a mathematical sub-field to a cross-cutting scientific discipline. Along with this exciting evolution come new challenges to a new generation of academic statisticians. Junior faculty members in the statistics departments or in mathematical sciences departments are often unsure how their co-authored papers and/or their interdisciplinary research will be evaluated for their promotion. Sometimes they receive conflicting advice from senior members of our profession who have developed their career in a very different environment.

To stimulate discussion and debate that may eventually help build consensus in our profession and help our junior faculty choose the best course for their career development in today's competitive academic world, the *Bulletin* sought opinions from senior mentors and department chairs on how they would advise junior faculty on the following questions.

1. Should junior faculty members go for quality at the cost of quantity for publications?
2. Should they refrain from too much interdisciplinary work, which often leads to publication in non-statistical journals?
3. Should junior faculty write singly-authored papers to show independence?
4. Is it risky for an assistant professor to publish only co-authored papers from interdisciplinary work?

In this issue, you can read candid opinions from three distinguished doyens, Professors **Alan Gelfand** (Duke University, USA), **Peter Green** (University of Bristol, UK) and **Vijay Nair** (University of Michigan, USA). Their advice to junior faculty is too rich to be summarized into a few statements, so you can turn to page 4 to read their articles in full.

However, I am sure that we have not touched upon all the important issues facing our junior faculty today, and you may have valuable opinions different from those of the courageous trio featured in this issue. I wish to use this opportunity to encourage all of you to think about these issues and write to us (email bulletin@imstat.org) with questions, comments, or opinions. In the coming issues of the *Bulletin*, we would like to publish what you have to say!



Continued on **Page 4**

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IMS Members' News

Debajyoti Sinha has assumed the position of the first Hobbs Endowed Professor in Statistics in the Department of Statistics at Florida State University. The Hobbs chair was funded through the generosity of Ron and Carolyn Hobbs. Ron Hobbs is an alumnus of the department of Statistics (MS 1967) and his wife is an alumnus of FSU (BS 1965).



Deb is well known to the statistical profession particularly for his work in numerous areas of statistics and biostatistics including Bayesian survival analysis, recurrent events data and modeling of cancer survival. He is a Fellow of the American Statistical Association and an elected Member of the International Statistical Institute. He is a member of the editorial boards of *JASA*, the *Journal of Statistics and Probability Letters* and *Lifetime Data Analysis*.

Peter Donnelly heads UK genetics center

IMS Fellow Peter Donnelly, FRS, one of the UK's leading statisticians and geneticists, is the new Director of Oxford University's Wellcome Trust Centre for Human Genetics (WTCHG). The WTCHG, opened in 1994, is one of the world's leading human genetics research centres, working in the areas of asthma, language impairment, dyslexia, learning disabilities, infectious diseases, and diabetes. The objective of the centre is to explore all aspects of genetic susceptibility to disease, including the localisation of genes.

The WTCHG also participated in the Wellcome Trust Case Control Consortium (WTCCC), the largest ever study of the genetics of common disease, which recently attracted considerable interest when it announced the discovery of almost 20 new genes involved in human health, including obesity and diabetes.

Peter, one of this year's IMS Medallion Lecturers, is the chairman of the consortium, and Professor of Statistical Science at Oxford University's Department of Statistics. Peter has been heavily involved in the 'HapMap' project, the successor to the human genome project, which studies patterns of variation in human populations. He said, "I am very enthusiastic about having the opportunity to be involved in one of the leading human genetics research centres in the world, particularly at a time of much promise for human genetics and its impact on human health and disease."

Peter replaces Professor Anthony Monaco, the WTCHG's director since 1998, who is now Pro-Vice Chancellor (Planning and Resources) at Oxford.

The Wellcome Trust is the largest independent charity in the UK and the second-largest medical research charity in the world, funding innovative biomedical research.

Do you have
some news
you'd like to
share with
other IMS
members?

An award, a
promotion,
a cause for
celebration?

Please send
it in: don't
be shy!

IMS Members' News

Donald Gaver receives Distinguished Achievement Award

The American Statistical Association's Section on Statistics in Defense and National Security is proud to announce that this year's Distinguished Achievement Award was given to Professor **Donald P. Gaver**, Distinguished Professor Emeritus of Operations Research at the Naval Postgraduate School in Monterey, CA.

Professor Gaver is a native of St Paul, Minnesota. He served in the US Navy as an Electronics Technician and earned his Bachelor's and Master's degrees from MIT in 1950 and 1951. He spent two years at the US Navy Operations Evaluation Group before pursuing his PhD in mathematics at Princeton University. After receiving his PhD in 1956 he was a Professor at Carnegie Mellon University and a consultant at Westinghouse Research Laboratories. He was co-founder of the Statistics Department at Carnegie Mellon University, along with Morris DeGroot. He joined the Naval Postgraduate School in 1970.

Professor Gaver is a fellow of IMS, ASA, and AAAS. He is an elected member of the ISI and Sigma Chi. His research is in the areas of applied probability modeling and statistical data analysis. He has published over a hundred technical papers. Among his many professional activities, he has served as chair of the ASA Committee on National Security and was the founding Editor-in-Chief of an ASA-SIAM book series on applied probability and statistics. He is a past member of the National Research Council's Committee on Applied and Theoretical Statistics. While on this committee, he chaired a subcommittee that wrote a comprehensive review entitled "*Combining Information*," which was published by the National Academy Press. He has served on several NRC panels and he has been a reviewer of reports and handbooks including the NRC Committee Report on the Effect of the Environment on Military Operations and the Reliability, Availability, and Maintainability (RAM) Primer. His research sponsors include the Commander, Operational Test and Evaluation Force; the Army Missile Command; NAVAIR; the Conventional Weapons Division, J8, of the Joint Staff; and Director, Operational Test and Evaluation.

Professor Gaver has had a long and distinguished career dedicated to promoting statistics in defense and national security. SDNS is honored to give him this award.

The Awards Committee was Aparna Huzurbazar (Chair), Brett Amidan, and David Siroky.

Alyson Wilson, SDNS Chair, presents the 2007 SDNS Distinguished Achievement Award to Don Gaver at JSM



IMS Editors

IMS Journals and Publications

Annals of Statistics: Susan Murphy & Bernard Silverman
<http://imstat.org/aos/>

Annals of Applied Statistics: Bradley Efron, Stephen Fienberg, Michael Newton & Michael Stein
<http://imstat.org/aoas/>

Annals of Probability: Gregory Lawler
<http://imstat.org/aop/>

Annals of Applied Probability: Edward Waymire
<http://imstat.org/aap/>

Statistical Science: Edward George
<http://imstat.org/sts/>

IMS Lecture Notes – Monograph Series: Anthony Davison
<http://imstat.org/publications/lecnotes.htm>

NSF-CBMS Regional Conference Series in Probability and Statistics:
<http://imstat.org/publications/nsf.htm>

IMS Co-sponsored Journals and Publications

Electronic Journal of Statistics: Larry Wasserman
<http://imstat.org/ejs/>

Electronic Journal of Probability: Andreas Greven
<http://www.math.washington.edu/~ejpecp/>

Electronic Communications in Probability: David Nualart
<http://www.math.washington.edu/~ejpecp/ECP/index.php>

Current Index to Statistics: George Styan
<http://www.statindex.org>

Journal of Computational and Graphical Statistics: David van Dyk
<http://www.amstat.org/publications/jcgs/>

Statistics Surveys: Jon Wellner
<http://imstat.org/ss/>

Probability Surveys: David Aldous
<http://imstat.org/ps/>

IMS Supported Journals

Bernoulli: Holger Rootzén
<http://isi.cbs.nl/bernoulli/>

Annales de l'Institut Henri Poincaré (B): Alice Guionnet
<http://imstat.org/aihp/>

IMS Affiliated Journals

ALEA: Latin American Journal of Probability and Statistics: Claudio Landim
<http://alea.impa.br/english/>

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How do we evaluate junior faculty research?

We asked three senior mentors and departmental chairs for the advice they would give to junior researchers entering the thorny world of publishing (see cover article). Here's what they had to say.



Alan E. Gelfand:
Duke University

I write as Chair of the new Department of Statistical Science here at Duke University. Indeed,

our name reflects our vision of modern statistical work—we are interdisciplinary scientists. Moreover, it reflects a model that we have been following here at Duke almost from the inception of the Institute of Statistics and Decision Sciences (ISDS), our former name. Training PhD students to collaborate with researchers in other fields is the cornerstone of our program. Mentoring such research defines life around here. Regularly, research teams meet to “brainstorm” challenging problems. Such teams usually consist of faculty from two or three departments with some graduate students and postdocs. Our program attempts to equip all of our students not only with a strong theoretical foundation, but also with comfort in stochastic modeling, with facility for statistical computing, and with solid data analysis skills. We view these tools as essential in training statisticians for the 21st century. At a university like Duke, where, institutionally, research collaboration is strongly encouraged, statistics is the most natural of interdisciplinary players.

We recognize that there are issues in all of this that become critical to young interdisciplinary statistical scientists along their career paths. How does one judge interdisciplinary work? How does one evaluate individual contributions in the multi-author papers that naturally emerge from team research? How does one assess

the independence of a junior researcher, the ability to create an independent and strong research agenda?

I cannot lay out explicit answers to these questions. They obviously depend upon the field of application, the project, the institutions involved. But just as funding agencies are putting their money where their mouths are, in terms of supporting interdisciplinary work, so must departments, schools, and universities revise their evaluation criteria with regard to such work. And, with regard to giving advice at the individual level, it is my feeling that the collaborations must be consequential enough, the problems must be challenging enough, so that novel statistical methodology emerges during the course of the projects. In this way, theoretical and methodological contributions for top-notch statistical journals will emerge, as well as papers employing the methodology in the motivating application for the subject matter area: a win-win situation.

In the sort of team research that is envisioned, the different players contribute in different ways. So, what becomes critical is to inform the junior researcher as to how the various sorts of contributions will be valued; to assess the young researcher's contributions to each multi-authored paper; to ascertain the ability of the young researcher to contribute creatively and innovatively to projects along the foregoing dimensions; and then, to make decisions regarding tenure and promotion consistent with these evaluation criteria. And, of course, not all work spans the same set of dimensions, or contributes on all dimensions. There has to be expectation of and tolerance for a range of vita profiles at the tenure and promotion level; a department need not be

homogeneous in this regard; rather, it needs to accommodate diversity in profiles.

Finally, there are possibly legitimate concerns regarding the future of our discipline. Can statistics survive in the sorts of interdisciplinary environments we find ourselves in? Who will provide the methodological breakthroughs? Who will ensure the rigor? How will we continue to draw students to our graduate programs? Actually, on a personal level, I see no problems. All of the first- and second-tier statistics journals are receiving more papers than they can publish, even with the proliferation of new journals. There will always be diversity in the way that researchers make contributions. Individuals will identify their best way to contribute. Applications to graduate programs are not down; in fact, here, we are seeing an increase in domestic applications, perhaps an indication of the increasing attractiveness of our field (apart from the good job market!). Indeed, statistics is, arguably, a more exciting field than ever. It now enjoys a vitality and a relevance that was absent 20, 30, 40 years ago. Moreover, we can not look back. Modern scientific work requires that statisticians be incorporated into the entire enterprise. Statisticians become richer scientists in the process. There will be fewer highly specialized theoretical statisticians, but there will be more statisticians with the skill set and the passion to pursue the sorts of work described above. For me, this is an exciting prognosis. Integrated scientific work is the track being traveled now and we must be on board.



Peter Green: University of Bristol, UK

The questions you posed us may be taking a very US-centric view of career development. In other parts of the world, procedures may be different—for example, I think that here in the UK, the process is less formulaic, and more flexible and adaptive, so that it is easier for us to reward people who have atypical career patterns. Also, we should not confuse ‘co-authored’ with ‘interdisciplinary’ work.

Quality vs. quantity: I always encourage ambitious and creative junior researchers to go for quality not quantity. Seek to change the subject, not just to make incremental improvements. There is far too much routine work clogging up the journals, that has no impact on the subject, and little impact on the author’s career! Very early on in a career, I can see the point of relaxing standards a little—you do need to get practised in writing and publishing, and get some articles into print early on.

Interdisciplinary vs. mainstream: I like to do both, and I

encourage that. It’s important if you do interdisciplinary work not to get drawn into a ‘service’ role—seek to do research that advances both subjects: in my experience that does get properly recognized. Statistics has always advanced through cross-fertilisation between different disciplines, and it’s important to maintain this. Often, a research project that is genuinely interdisciplinary can lead both to a joint publication in a substantive science journal and a solo article in the mainstream statistical literature. But it’s a good idea also to do separate mainstream theory or methodology: really good applied work takes a lot of time, and you need to be productive.

Solo vs. joint: joint work with senior (and later, junior) co-authors is fun, rewarding and productive—often you get more than the sum of the two individuals. But it is important early in a career to publish enough work where your individual contribution is indisputable. This may either take the form of solo articles, or interdisciplinary ones in which you are the only statistician. Then the reader can judge your contribution without ‘inside knowledge’ from the other authors.



Vijay Nair: University of Michigan, Ann Arbor

Let me begin with some general remarks about the promotion and tenure (P&T) review process. At Michigan, as in most other places, we look for several key elements: **a)** whether the candidate has developed an independent research program outside of thesis work, **b)** how original, innovative and deep the research is, **c)** is it published in good quality journals, **d)** has the candidate developed a niche for her/himself and established a reputation, and so on.

Of course, there are no concrete ways (such as n papers in journals x , y , and z) to measure quality. Some departments used to assign weights to different journals and multi-authored papers, but thankfully this is no longer common. You simply have to look at the entire body of work and make a holistic assessment.

Unfortunately, the subjective nature of this process causes a lot of anxiety among some junior faculty. As students, we were all clear about what was needed to succeed. It is frustrating when there are no longer any concrete guidelines. The lack of consensus among senior colleagues doesn’t help the situation.

In answer to some of the specific questions raised by the *Bulletin*, I offer the following personal opinions.

Quality versus quantity: Quality is clearly the ultimate measure.

However, there must be enough of it (quantity) to make sure the reviewers can say, yes, the candidate has established an independent research program (outside of her/his thesis work); shows originality, innovation, and depth; and is being recognized nationally for her/his work. It is not likely that three or four papers will be enough to make this case.

I know of one successful P&T case in Statistics (not from Michigan) with seven papers. I thought three of these papers were real gems and three others were very good. If I recall correctly, it was an early promotion case. At the other extreme, I have seen mediocre cases with 25 to 30 papers, all of which were just nibbling around the edges of existing work.

Working on too many topics and jumping around will not help the cause. It is difficult to assess the impact of one’s work or establish name recognition. It is important to be selective and strategic.

Interdisciplinary work and publication in non-statistical journals: I feel the phrase “interdisciplinary research” is used loosely to mean many things, ranging from routine consulting and innovative use of existing methods all the way to very original work.

Routine consulting (designing experiments and/or doing data analysis) will not count much even if it leads to publications. Papers based on innovative use of statistical methods alone will also not be enough.

Evaluating junior faculty research *continued*

Continued from Page 5

It is tough to define what makes “good quality” interdisciplinary research. From a statistics department’s point of view, I believe it has to advance both statistics and the scientific discipline. It has to lead to the development of new statistical methodology or theory, or make some other contribution. It doesn’t necessarily have to be published in statistics journals (many such papers are published in *PNAS*, *Science*, *Nature* and the like, although the statistics part usually gets short-changed in these outlets).

The bottom line is that there must be statistical innovation. One can, and should, get tenured based on such work alone. I’m happy to say that this type of interdisciplinary work is being highly valued in our profession these days, and we have examples of faculty who have been tenured, including in our department at Michigan.

Co-authored papers versus independence: Does a junior faculty member need to write singly-authored papers to show independence? My answer is NO. (I know some people feel differently, but fortunately that group is a minority, and shrinking.) Independence is indeed important. It is especially important that junior faculty cut their umbilical cord with their PhD advisor very early. But there are many ways of establishing independence:

- i) working with several different co-authors,
- ii) having co-authors who are also junior,
- iii) a common theme across several co-authored papers where the theme is clearly attributable to the candidate,
- iv) publishing with graduate students, etc.

On the other hand, publishing a number of papers with the same senior co-author (even if the person is not your advisor) will raise questions.

Advice to junior faculty: First and most important, make sure to enjoy what you are doing. You are in this for the long haul. Of course, the pressures of getting tenure may be overwhelming at times, but you can only do good work if you enjoy coming to work every day.

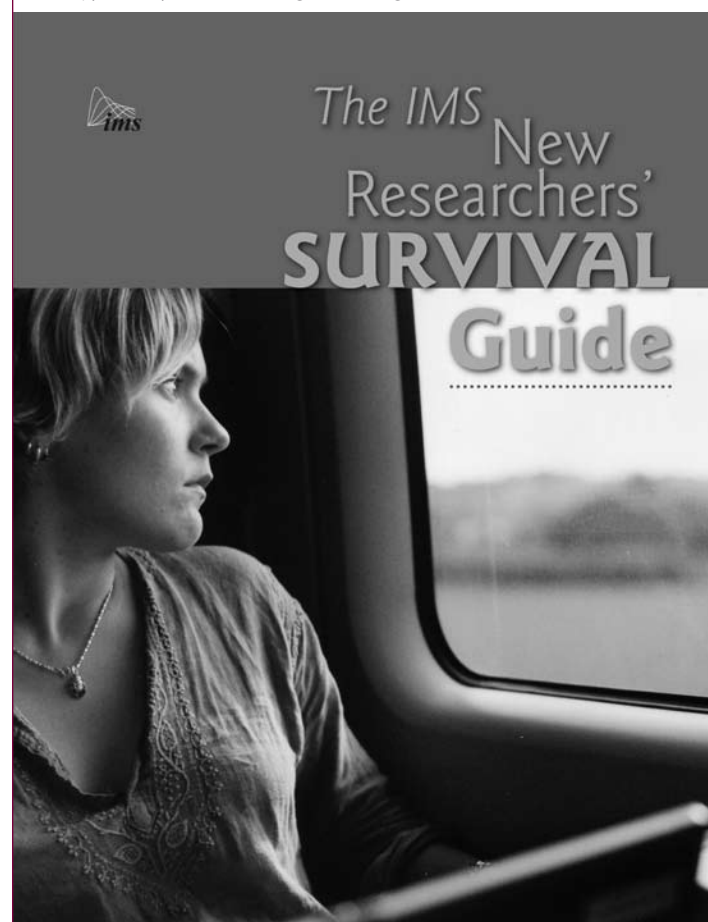
Second, take charge! Make sure that you do everything you can to help your own career. This means getting all the information you need to be successful. Talk to your chair regularly, get to know all senior faculty members, find out who the key players in the department are (remember George Orwell’s *Animal Farm*: all of us are equal but some are more equal than others), participate actively in department activities and seminars, ask questions and make suggestions, make sure that people know you are good, be assertive (don’t be shy but don’t get a reputation of being aggressive or an operator), be a good citizen but don’t overload yourself with committee work. Don’t spend an inordinate amount of time on

teaching. Remember that teaching is important but being an excellent teacher alone is not going to get you tenure (as we say, it’s a necessary condition but not sufficient).

Finally, network, network...and network. You need to make sure that people (on the outside) know of you and your work. We are all very busy and don’t have enough time to follow other people’s work. So you need to make sure that senior people in your area know of you and your work. Send them copies of your pre-prints and ask for advice. E-mail them before a conference and ask if you can find some time to meet with them. This will pay off in many ways: getting a sympathetic referee, getting invited to conferences, getting onto editorial boards, and most importantly, having people who know your work when they are asked to write external review letters.



Are you a New Researcher? If you’re looking for some FREE advice on your career, take a look at the IMS New Researchers’ Survival Guide. You can download it from <http://www.imstat.org/publications/books/NewResearchersGuide.pdf>, or request a free copy from Elyse Gustafson, erg@imstat.org



Sequential Analysis journal: 80 years of Control Charts

Sequential Analysis (SQA) journal recently published two special issues on the celebration of “Eighty Years of Control Charts” and the “Legacy of Walter A. Shewhart”. SQA Editor Nitis Mukhopadhyay (University of Connecticut-Storrs) gives the details.

The journal *Sequential Analysis* (vol. 26) has recently brought out two special issues (no. 2 and no. 3) in 2007, with Wolfgang Schmid as the guest editor, celebrating eighty years of control charts and the legacy of Walter A. Shewhart’s ground-breaking contributions in statistical process control from the mid-1920s.

The guest editorial, ‘Eighty Years of Control Charts’ (Wolfgang Schmid), sets the tone with glimpses of important historical perspectives. This is then followed by eight special articles: ‘Control Charts in New Perspective’ (Willem Albers and Wilbert C. M. Kallenberg), ‘Properties of Multivariate Control Charts with Estimated Parameters’ (Charles W. Champ and L. Allison Jones-Farmer), ‘Properties and Use of the Shewhart Method and its Followers’ (Marianne Frisén), ‘EWMA Control Charts for Monitoring Optimal Portfolio Weights’ (Vasyl Golosnoy and Wolfgang Schmid), ‘Detection and Diagnosis of Unknown Abrupt Changes using CUSUM Multi-Chart Schemes’ (Dong Han and Fugee Tsung), ‘Accurate ARL calculation for EWMA control charts monitoring simultaneously normal mean and variance’ (Sven Knoth), ‘Shewhart Schemes with Variable Sampling Intervals Revisited’ (Manuel Cabral Morais and Antonio Pacheco), and ‘Multivariate Control Charts for Monitoring the Process Mean and Variability Using Sequential Sampling’ (Marion R. Reynolds, Jr. and Keunpyo Kim).

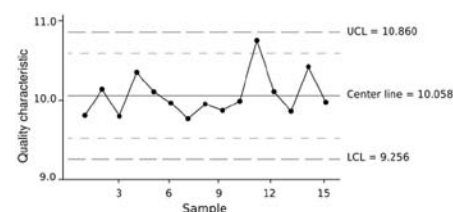
These articles put together a synthesis of numerous facets of cutting-age research involving both univariate and multivariate control charts. These carefully explain the evolution of modern control charts and their roles in handling contemporary statistical problems of major interest. Applications can be found in areas of statistical methodologies including change-point detection, clinical trials, disease mapping, financial mathematics, industrial statistics, quality control, security breach, statistical process control, statistics and health, and surveillance.

The *Sequential Analysis* journal can be electronically accessed from the following web site: <http://www.tandf.co.uk/journals/titles/07474946.asp>.



Above: Walter Andrew Shewhart, 1891–1967

Below: a control chart



Randy Sitter

Tim Swartz, Professor and Chair of the Department of Statistics and Actuarial Science at Simon Fraser University reports on the tragic loss of his colleague Randy Sitter.

I have some tragic news concerning Randy Sitter, our colleague in the Department of Statistics and Actuarial Science at Simon Fraser University [in Burnaby, British Columbia, Canada]. On Wednesday September 19, Randy went on a kayak trip in the Lummi Island area in Washington state. When Randy failed to return home at the expected time, the US Coast Guard and other professionals began a comprehensive search beginning early Thursday morning. Randy’s kayak, identification and life jacket were found later Thursday morning in the Lummi Rocks, 100 metres off the west side of Lummi Island. Randy was known to always wear his life jacket when kayaking.

The initial search by the professionals was thorough. Excluding the water and the populated regions, the possible areas that Randy might have accessed are extremely limited. The currents and wind were taken into account as well as the distances that Randy might have covered. Every conceivable spot where Randy might have travelled was searched.

Over the following days, family and many friends of Randy continued the search and found no evidence of Randy’s presence. All search efforts have now terminated.

It is with great regret that I pass on this information.

IMS Awards: nominate or apply now

IMS Laha Travel Awards

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

Deadline: February 1, 2008

With funds from a generous bequest by the late Professor Radha Govind Laha, IMS has established the Laha Awards to provide funds for travel to present a paper at the 2008 IMS Annual Meeting, held in conjunction with the 7th Bernoulli World Congress in Singapore, July 14–19, 2008.

Eligibility: First priority to students, second priority to New Researchers within 2 years of PhD at the date of the meeting. Applicants must be members of IMS, though joining at the time of application is allowed. Student membership is free and New Researchers also qualify for substantially reduced rates.

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

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

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



Tweedie New Researcher Award

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

Deadline: December 1, 2007

Richard Lewis Tweedie played a significant role throughout his professional career in mentoring young colleagues at work and through professional society activities. With funds donated by his friends and family, IMS has created the “Tweedie New Researcher Award”, to fund travel (up to US\$2000) to present the Tweedie New Researcher Invited Lecture at the Eleventh Meeting of New Researchers in Statistics and Probability, held July 29–August 2, 2008, in Boulder, Colorado, USA. For details on how to apply, and eligibility criteria, please see the website above.



Harry C Carver Medal

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

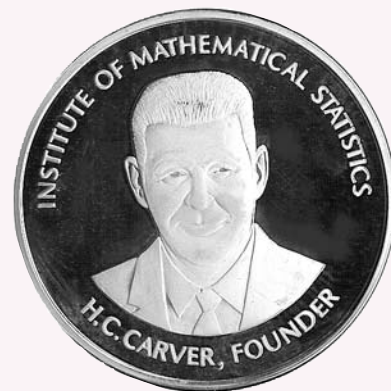
Deadline: February 1, 2008

Nominations are invited for the Carver Medal created by the IMS in honor of Harry C. Carver, Founding Editor of the *Annals of Mathematical Statistics* and one of the founders of the IMS. The medal is for exceptional service specifically to the IMS and is open to any member of the IMS who has not previously been elected President. Not more than one award shall be made each year.

The medal will be awarded at a ceremony during the next IMS Annual Meeting in Singapore (see left).

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

For details on how to nominate, please see the website above.



IMS Fellowship nomination

<http://www.imstat.org/awards/fellows.htm>

Deadline: January 31, 2008

Qualifications for Fellowship: The candidate shall have demonstrated distinction in research in statistics or probability, by publication of independent work of merit. This qualification may be partly or wholly waived in the case of either
(1) a candidate of well-established leadership whose contributions to the field of statistics or probability other than original research shall be judged of equal value; or
(2) a candidate of well-established leadership in the application of statistics or probability, whose work has contributed greatly to the utility of and the appreciation of these areas.

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

For details on how to nominate, please see the website above. Please also read the supporting information on the website, and pass on the information to letter-writers. Letters are expected to explicitly address the above IMS criteria for fellowship.

Laha Awardees report on their JSM experience

We asked this year's Laha Travel Award recipients what they thought of JSM—the good, the bad, and, yes, the ugly. Below are some of their responses. If you're a student or new researcher, why not apply for next year's award for travel to Singapore? See page 8 for details.

Pierpaolo De Blasi

It was my first time at an IMS meeting. I was impressed by the size of the conference: so many participants! It was a wonderful occasion for meeting new people and for being introduced to unfamiliar areas of research. If I hadn't received the Laha Award I would have come anyway, because I was invited as finalist of an international award for the best PhD thesis in Bayesian statistics. However, I have little money in my university for traveling abroad, and it would have prevented me from using such money for other experience. I am greatly honoured for having been selected. The best thing about the meeting was the opportunity to meet other colleagues and the wide range of topics covered by the meeting. But I felt a little uneasy in such a big city as Salt Lake City.

Sheng Luo

I was delighted to receive the Laha travel award to attend my first IMS meeting. It was such a great opportunity to meet the world-famous professors and the researchers working in the same areas. I enjoyed the Medallion Lectures. I felt so encouraged to choose statistics as my career. As an added benefit, I had the chance to tour some beautiful places in Salt Lake City.

Rong Liu

This was my first time attending an IMS meeting and I learned a lot. There were so many statisticians that I could talk with; it was a great experience. I found that there were so many interesting topics. I really appreciate the opportunity to see many research frontiers. The travel grant is very helpful, otherwise I could not attend the meeting due to the tight budget.

Vladimir Minin

I was honored to receive an IMS Laha travel award. I would like to thank the IMS committee on travel awards for their time and effort spent during the selection process. The Laha travel award allowed me to attend my first IMS meeting, which I enjoyed tremendously. As an organizer of an IMS-sponsored topic contributed session, I was very pleased with the superb organization of all aspects of the meeting. I hope that IMS will continue to distribute Laha travel awards and to encourage participation of young researchers in IMS annual meetings.

Olivier Wintenberger

I hadn't been to an IMS meeting before. This meeting helped me to be in contact with the 'masters' of my speciality. Without the Laha Award I couldn't have gone. The worst thing about the meeting was the building being so large it was hard to get from one session to another in time. The only thing I didn't get to do was participate in the meeting of young researchers in statistics. I was not aware of the existence of such an event. Maybe next year!

Guilherme Veiga da Rocha

I was able to attend JSM in Salt Lake City thanks to the Laha Travel Award. During the five days of meeting, I had the opportunity to mingle with fellow statisticians and attend a series of inspiring talks. I was also presenting part of my current research and I was delighted to receive feedback from researchers working on related problems. The interactions I had during the meeting will certainly fuel future research and, with luck, result in new collaborations. All that, and there was still time left to get to know a bit about Salt Lake City. Thanks, IMS.

Yichao Wu

I enjoyed making new friends, and listened to many very interesting talks. I liked the mixer a lot: it gives a great chance for making new friends. The only bad thing was having no luggage storage prior to the last day of the conference, which made it inconvenient for people who had to leave earlier.

Bodhisattva Sen

I had a wonderful time at the JSM, 2007. I had the pleasant opportunity to hear some very interesting talks, meet some very renowned statisticians, and of course, present my own work. The Laha travel grant made it so much easier for me attend.

Yingying Qi

It was a great honor for me to receive this Laha Award. This was my first time at an IMS Annual Meeting. I enjoyed the conference very much—I learned so many new things, and met so many interesting people. I really appreciate this support from IMS!

Hongfei Li

My first IMS meeting was the 2006 JSM. If I hadn't received the travel grant, I would not have been able to get there. The best thing about the meeting was meeting and talking to people from different areas.

Lu Lu

As a junior statistical researcher, receiving the Laha travel award is an honor and a wonderful experience. It gave me support and encouragement. This was my first IMS meeting. It's great to meet people who are in the leading positions of statistical research and to know more about the activities in the field. I hope there will be more opportunities to attend such meetings.

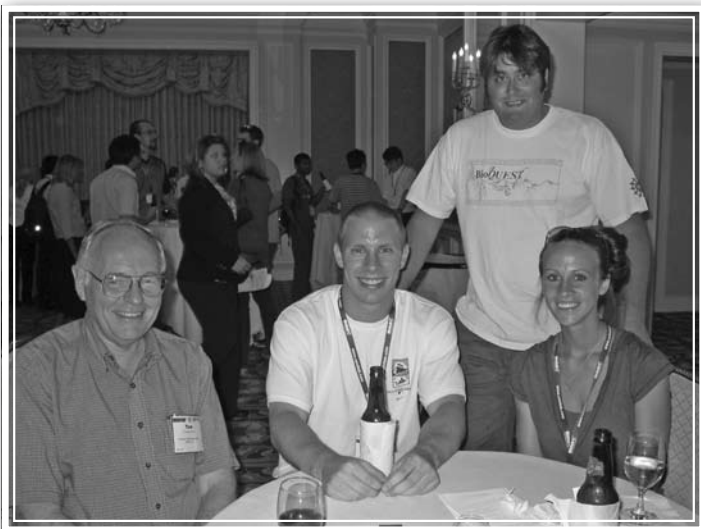
IMS Student and New Member Reception

IMS holds a reception for its student, new graduate, and newly joined members each year at its annual meeting. This year it was held at JSM in Salt Lake City. Since it is also attended by some of IMS's more long-standing members, it's a great opportunity to mingle informally with senior colleagues and new friends. We hope you'll be able to join us next year at the Student and New Member Reception in Singapore.



◀ Emine Ozgur Bayman and Jinyang Zhang, from The University of Iowa, are joined by President-Elect Nanny Wermuth (standing) from Chalmers University of Technology in Sweden, and Chunling Liu from the University of Hong Kong

▼ Former IMS President Tom Kurtz joins Lucas Beverlin (Iowa State), John Kloke (Pomona) and Stefanie Schussler (Minnesota)



▼ Olivier Wintenberger (Université Paris 1), Zibonele Valdez-Jasso (University of Texas at Dallas), Guilherme Veiga da Rocha and Brad Luen (both from UC Berkeley) and Patrick Perry (Stanford)



▲ Justin Gross (Carnegie Mellon) joins Ivan Ramler, Nick Beyler and Jessica Chapman (all from Iowa State).

◀ Justin Gross (above) showed us his tattoo: it seems he's a big fan of IMS, as those swirling lines look awfully familiar...



Other Awards: nominations and announcements

2007 Mitchell Prize: Call for Nominations

ISBA is pleased to announce the 2007 Mitchell Prize. Deadline for submission is **31 December 2007**.

The 2007 Mitchell Prize is awarded in recognition of an outstanding paper where a Bayesian analysis has been used to solve an important applied problem. It consists of a \$1000 award and a commemorative plaque.

Eligible papers for the 2007 Mitchell Prize must be published or accepted in a refereed journal or conference proceedings during 2005 or 2006. A paper may be nominated by any of its authors or by any ISBA or SBSS member.

Papers will be evaluated by the Mitchell Prize Committee.

For details on how to submit a paper for the 2007 Mitchell Prize please visit <http://www.stat.duke.edu/apps/MitchellPrize>. For a description of the Prize, please visit <http://www.bayesian.org/awards/MitchellPrize.html>. Any questions regarding the Mitchell Prize may be directed to awards@bayesian.org

The Mitchell Prize is named after Toby J. Mitchell and was established by his friends and colleagues following his death from leukemia in 1993. Toby was a Senior Research Staff Member at Oak Ridge National Laboratory. He won the Snedecor Award in 1978 (with co-author Bruce Turnbull), made incisive contributions to statistics, especially in biometry and engineering applications, and was a marvelous collaborator and an especially thoughtful scientist. Toby was a dedicated Bayesian, hence the focus of the prize.

2008 Mortimer Spiegelman Award: Call for Nominations

The Statistics Section of the American Public Health Association invites nominations for the 2008 Mortimer Spiegelman Award, honoring a statistician, aged 40 or younger, who has made outstanding contributions to health statistics. The award was established in 1970 and is presented annually at the APHA meeting.

Candidates for the 2008 Award must have been born in 1968 or later. Please submit a nominating letter, including a description of the candidate's contributions to public health and birthday, and the candidate's CV by **April 1, 2008**. Up to three supporting letters may be submitted.

2008 Spiegelman Award Committee
c/o Rebecca Betensky, Chair
Department of Biostatistics
Harvard School of Public Health
655 Huntington Ave
Boston, MA 02115
betensky@hsph.harvard.edu



Richard Kenyon Awarded 2007 Loève Prize

David Aldous reports: The 2007 Line and Michel Loève International Prize in Probability is awarded to **Richard Kenyon** of Brown University, USA. The prize, which carries a monetary award of \$30,000, will be presented at a ceremony in Berkeley in October 2007.

Richard Kenyon received his PhD in 1990, advised by Bill Thurston at Princeton. His research has dealt with the interface between statistical mechanics, probability and discrete conformal geometry. His 1997 paper, *Local statistics of lattice dimers*, studies uniform random dimer configurations (domino tilings) on a graph and shows how to perform many interesting calculations. This has become regarded as the seminal work in the subsequent emergence of a large field studying Gibbs distributions of combinatorial configurations, which has developed in unexpected directions. For instance:

- (i) His 2000 paper *Conformal invariance of domino tiling* proves that the height function of a random domino tiling of the two-dimensional lattice has a distribution which, in the scaling limit, is conformally invariant.
- (ii) His 2006 paper *Dimers and amoebae* (with Andrei Okounkov and Scott Sheffield) associates to any periodic bipartite planar graph a curve which can be used to describe the phase space of Gibbs distributions on dimer configurations and categorize them as gaseous, liquid or frozen.

Other aspects of this field involve spanning trees, matchings, the Gaussian free field, Harnack curves and various models for random surfaces.

The Line and Michel Loève Prize commemorates Michel Loève, Professor at the University of California, Berkeley, from 1948 until his untimely death in 1979. The Prize was established by his widow, Line, shortly before her death in 1992. Awarded every two years, it is intended to recognize outstanding contributions by researchers in probability who are under 45 years old.

IMS Council Members

Until August 2008: Maury Bramson, Merlise Clyde, John H.J. Einmahl, Jun Liu, Daniel Peña

Until August 2009: Martin Barlow, Frank Den Hollander, Iain Johnstone, Karen Kafadar, Xiao-Li Meng

Until August 2010: Jon Wellner, Alan Welsh, Montse Fuentes, Geoffrey Grimmett, Maria Eulalia Vares

2007 WNAR/IMS meeting report

Antje Hoering reports: The 2007 Annual Meeting of the WNAR/IMS was held at the University of California, Irvine, CA from 24–27 June, with approximately 160 participants. The meeting began with a short course on “*Causal Inference in Experimental and Observational Studies*” by Don Rubin from Harvard University. Terry Speed from UC Berkeley gave a stimulating presentation entitled, “*Statistics and Computational Biology*”, for the WNAR Presidential Invited Address.

Excellent presentations were given by invited speakers: Todd Alonzo (Univ of Southern California), Andrew Zhou (Univ of Washington), Kelly Zou (Harvard Medical School) in the session “*Analysis of Diagnostic Test Accuracy*”; Beatrix Jones (Massey Univ, New Zealand), Nicholas Eriksson (Stanford), Jin Tian (Iowa State) in the session “*Graphical Models*”; Sebastien Haneuse (Center of Health Studies), John Neuhaus (UC San Francisco), Bhramar Mukherjee (Univ of Michigan), Nilanjan Chatterjee (NCI) in the session “*Analysis of Outcome Dependent Sampling Schemes*”; Subhashis Ghoshal (North Carolina State Univ), Marloes Maathuis (Univ of Washington), Peter Radchenko (USC) in the session “*Empirical Processes*”; Peter Müller (M.D. Anderson Cancer Center), Debajyoti Sinha (Medical Univ of South Carolina [now at Florida State Univ: see p2]), Timothy Hanson (Univ of Minnesota), Sonia Jain (UC San Diego) in the session “*Nonparametric Bayesian Methods in Cancer*”; Eric Tchetgen (Harvard School of Public Health), Thomas Richardson (Univ of Washington) and Tyler VanderWeele (Univ of Chicago) in the session “*Recent Advances in Causal Inference*”; Tony Cai (Univ of Pennsylvania), Surajit Ray (Boston) and Galen Papkov (Rice) in the session “*Recent Advances in Mixture Models/Clustering*”; Thomas Lumley (Univ of Washington),

Bryan Langholz (USC Keck School of Medicine), Daniel Rubin (UC Berkeley) in the session “*Two-Phase Designs and Semi-Parametric Inference*”; Wei Zhang (Boehringer Ingelheim Pharmaceuticals), Guosheng Yin (M.D. Anderson Cancer Center), Thomas Braun (Univ of Michigan) in the session “*Recent Advances in Adaptive Designs for Phase I and II Clinical Trials*”; Wesley Johnson (UC Irvine), Athanasios Kottas (UC Santa Cruz), Ian Porteous (UC Irvine) in the session “*Nonparametric Bayesian Methods*”; John Kittleson, Sam Ma Whinney, Patrick Blatchford and Adam Boyd (all from the Univ of Colorado) in the session “*Group Sequential Clinical trials and Non-Ignorable Incomplete Data*”; Ying Huang (Univ of Washington), Holy Janes (Johns Hopkins), Hua He (Univ of Rochester) in the session “*Design and Analysis of Biomarker and Diagnostic Test Studies*”; Ken Gerow (Univ of Wyoming), Jennifer Hoeting (Colorado State), William Kendall (USGS Patuxent Wildlife Research Center) in the session “*Statistical Applications in Wildlife Ecology*”; Jiashun Jin (Purdue), John Lafferty (Carnegie Mellon), Ping Li (Stanford) in the session “*Sparsity in High-Dimensional Problems*”.

The 2007 WNAR Student Paper and Best Oral Presentation Competition winner was Rebecca Hubbard from the University of Washington, for her paper and talk entitled “*Modeling Delirium Progression Using a Non-homogeneous Markov Process*.” Congratulations also to the runners up for the written paper, Brandie Wagner from the University of Colorado and Kyle Rudser from the University of Washington; and congratulations to the runners up for the oral presentation, Hua Zhong from the University of Washington and Sonya Heltshe from the University of Colorado.

We are indebted to the team of student paper reviewers and judges for students’



WNAR/IMS conference participants enjoying the banquet and the view in Newport Beach (Photograph by Ken Kopecky)

oral presentations. In particular, we thank Raphael Gottardo for chairing the competition. Students and recent graduates are encouraged to submit their manuscripts for the 2008 WNAR/IMS Student Paper Competition. Details on the submission process can be found as they become available at the WNAR website at www.wnar.org under the link, Student Paper Competition. Students are encouraged to plan to submit their papers early.

Special thanks to our Local Organizer, Dan Gillen from UC Irvine; Program Chairs Todd Alonzo from University of Southern California (WNAR) and Thomas Richardson from the University of Washington (IMS); the invited session organizers, and all our contributed session organizers, chairs and discussants. Thanks to the entire faculty volunteer staff and the conference center staff of UC Irvine.

Student paper competition runner up Hua Zhong (center) with WNAR president Ken Burnham (right) and student paper competition chair Raphael Gottardo (left) (Photograph by Ken Kopecky)



Rick's Ramblings: *Chuck Knows Best (the most important rule in writing a paper)*

No, this column is not an advertisement for Charles Schwab. Even worse: it consists of the nostalgic ramblings of an aging probabilist.

I began my career at UCLA when the country was 200, and I was 25. There I learned a lot from Tom Liggett's lectures and example, but the single most useful piece of advice came from a conversation I had with Chuck Stone.

I fondly remember Chuck as a walking embodiment of the Markov property. If you met him in the hall, he would talk to you for an exponentially distributed amount of time before suddenly realizing he was late for something. During one of these chats, he gave me a piece of advice that I have handed down to all of my graduate students: *"Anything you want people to read, you should put in the introduction of your paper."* To elaborate, the main results of the paper should be stated and discussed in the introduction, with the remaining sections devoted to proofs, and technicalities such as constructing the process.

Most people write according to this formula, but a quarter to a third of the papers that I handle as a referee or Associate Editor fail to follow this important advice. Most start with some discussion of the problem, but then get involved in the details of the derivations and scatter their results through the paper. In doing this they make a serious mistake in assuming the reader will follow their story all the way to the end. I have a short attention span for details, so when I encounter this writing style, I skip ahead to see what the theorems are, but in most cases I have to go back and look for important definitions. (This reminds me of the second most important rule: *don't annoy the referee.*)

If someone at a conference asks you "What are you working on?," you don't

start by describing technical results that will only become useful a half an hour later in the conversation, or at least, I hope you don't. My guess is that you tell them about the main result and why the proof is interesting, or what it says about some application. This is what you should do in your introduction.

If everyone wrote like this, then we could drastically decrease the size of our journals (and the associated publication costs) by only printing the introductions and references of papers, and posting the proofs online. I think that most people would not notice they were missing, except that now one could lie in bed and read the *Annals of Probability* without worrying about breaking a rib.

Biology journals use a variant of this approach. Ten years ago, when DNA sequencing was expensive and slow, researchers who sequenced several hundred nucleotides in a dozen individuals would display the information about the two or three dozen segregating sites (nucleotides which are not the same in all individuals) in a table in the paper. However, now that some papers involve tens of thousands of genes in dozens or hundreds of individuals, the data—and often the methods used to analyze them—are relegated to the supplementary materials published online.

Perhaps it is time to think if relegating the relatively uninteresting details to the web would make the paper versions of our publications leaner and livelier.

Until then, however, you should take Chuck's advice and put your best stuff upfront where people can see it.

Join Contributing Editor Rick Durrett for another in a "random number" of opinion pieces, *Rick's Ramblings*



Do you think Chuck was right? Should we ditch everything but the introductions and references in our printed journals, and publish the rest online? We'd be pleased to hear your views: email bulletin@imstat.org

Terence's Stuff: *Man of Letters*

Terry Speed writes a lot of letters of recommendation. He shares how some formative experiences shaped his decision to be positive and fair, but above all, open.



Who among us has not had to ask people to write letters of recommendation for them?

And who is so lucky as to have avoided writing letters about others? Some weeks I can be asked to write one each day, and doing them can take up all my spare time. Appointments, tenure, promotions, prizes, grants, fellowships—all require letters. We write for friends, colleagues, current or former students, and people in our area of expertise. At times we get asked to write about people we know just a little, or have never met, whose work we have never read, from countries we have never visited, or working in fields about which we are entirely ignorant.

How should it be done, and does it matter? Three of my early experiences with letters are nearly 40 years old.

After doing my PhD in Australia, I went to a job in England. While there, I visited the magnificent Wren Library in Trinity College, Cambridge, looking for material on PJ Daniell, inventor of the integral of that name and a former professor at my university (Sheffield). Daniell had been a student at Trinity in the early 1900s—indeed, he was the last Senior Wrangler—and was known to JJ Thompson, who discovered the electron, and was later Master of the College. I vividly recall reading a letter Thompson wrote in support of Daniell. It went roughly like this: “I know Daniell. We went for walks together. He’s a good chap.” Daniell got the job, and it wasn’t long before he made it clear that he fully deserved it.

My second story from that period came from a visit to Copenhagen. While there I learned that evaluations of applicants for chairs in Danish universities were public documents. Anyone could read what A said about B’s qualifications in relation to chair C in university D; a copy might be pinned up on another department’s noticeboard. Complaints could be filed if an evaluation was felt to be unjust or incompetent, or both. That was a real eye-opener for me. I was still pretty young, and hadn’t yet written many letters for people, and immediately (so my memory tells me) resolved to do my best as an individual to approximate this practice.

Being in England was a wonderful experience, but after working there for a few years, I wanted to return to Australia, and so applied for jobs there. Several. “If at first you don’t succeed, try, try again” (I was brought up on the story of Robert The Bruce and the spider). It soon became clear that no-one would employ me. The reason was told to me some years later: I was getting a bad letter from one of my referees. I may well have deserved it, but the way it was done, under the cloak of confidentiality, meant that I had no idea what was going on. The cycle was only broken by a very kind act on the part of my then boss and a senior friend of his in Australia, who in effect wrote, “We know Speed. He’s qualified, and not too bad.” I was soon offered a job in Perth, 3,500 km from my nemesis, and (I think) it worked out well for everyone.

What had I learned by this second job? That some letters are more thoroughly written than others; that the academic system won’t collapse if confidentiality is thrown to the wind; and that letters can matter to people’s careers. Since that time I’ve adopted the practice of writing reasonably thorough evaluations, of showing my letters

to their subjects, and of declining to write a letter when I can’t be honest, positive and open. Usually this last only applies when I don’t know the person’s work very well, and in such cases I decline, explaining that I have quite enough letter writing to do for people whose work I do know pretty well. Knowing a person’s work well means I know their weaknesses as well as their strengths, but only rarely do I discuss the former, taking the view that it’s my task to explain how well, not how poorly, this person satisfies the relevant criteria. I’m unashamedly attorney for the defence, presenting the best case given the evidence; someone else can be the prosecutor, and take care of the institution.

I’ve tried to stick to these simple rules over the years, and while I am sure I have strayed from them, I still believe in them. I dislike the practice of people writing their own references and getting their “letter writers” to sign them. I hate phone references, as there is no careful record of the communication, and I’ll cheer the day we can all be open in the way the academic Danes were nearly 40 years ago. ■

Another “Man of Letters”?

Bob Dylan, as rendered by FiSe and Max at http://www.ni9e.com/typo/typo_dylan.html Check out their brilliant animation!



Journal subscriptions: *pass it on*

Maria Eulalia Vares, Editor of the journal *Stochastic Processes and their Applications* reports on the new and reduced Alternative Subscription

Following a series of negotiations that were held early this year, involving the Bernoulli Society, the Editorial Board of the journal *SPA* and Elsevier, positive changes regarding the price policy have been obtained. The changes, effective January 2008, follow.

Firstly, from January 1, 2008 the reduced “alternative subscription” will give access, via ScienceDirect, to *SPA* articles dating back to 1995. In this way, the difference between the “alternative” and the “standard” institutional subscription gets reduced to the quarterly, instead of monthly, print delivery. In practical terms this amounts to a **reduction of 50% in the price of an institutional subscription** to the journal. (The access has also been enlarged to both subscriptions.)

Secondly, all articles published from 2008 will be made freely available to non-subscribers four years after publication, via ScienceDirect.

Thank you for informing the librarian of your institution about the above changes. Libraries interested in changing to the alternative model should contact their agent or the publisher. More information can be obtained at the website of the journal, www.elsevier.com/locate/spa

Members of the Bernoulli Society have free online access to the journal, since Volume 1, 1973.

Something else to tell your librarians

Does your library subscribe to IMS journals? IMS works to keep institutional subscription rates at reasonable levels. You might like to check that they know about our rates. See <http://www.imstat.org/publications/subscriptions.htm> for details.

Subscriptions are sold on a calendar-year basis only and include all issues of the current volume. Prices are for print, electronic, or both. Single issues are available after publication at back-issue prices. Subscriptions for 2008 will be accepted through December 31, 2008. Please contact the IMS Dues and Subscriptions Office to order subscriptions (see page 2).

Journals

Annales de l'Institut Henri Poincaré (B) Probabilités et Statistiques

Volume 44, 2008, ISSN 0246-0203 Published in February, April, June, August, October, and December \$325

The Annals of Applied Probability

Volume 18, 2008, ISSN 1050-5164 Published in February, April, June, August, October, and December \$275

The Annals of Probability

Volume 36, 2008, ISSN 0091-1798 Published in January, March, May, July, September and November \$296

The Annals of Applied Statistics

Volume 2, 2008, ISSN 1932-6157 Published in March, June, September and December \$195

The Annals of Statistics

Volume 36, 2008, ISSN 0090-5364 Published in February, April, June, August, October, and December \$296

Bernoulli

Volume 14, 2008, ISSN 1350-7265 Published in February, May, August, and November \$425

Statistical Science

Volume 23, 2008, ISSN 0883-4237 Published in February, May, August, and November \$164

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Co-sponsored Journals

Journal of Computational and Graphical Statistics

Volume 17, 2008, ISSN 1061-8600 Published in March, June, September, and December Please call for 2008 rates

The following subscriptions are for print only. These are open access journals. Electronic access is available to all at www.imstat.org. All volumes will be published in January 2009.

Electronic Journal of Statistics [Volume 2, 2008, ISSN 1935-7524] \$65

Probability Surveys [Volume 5, 2008, ISSN 1549-5787] \$65

Statistics Surveys [Volume 2, 2008, ISSN 1935-7516] \$65

Newsletters

The IMS Bulletin [Volume 37, 2008, ISSN 0146-3942] \$ 82

Bernoulli News [Volume 15, 2008, ISSN 1360-6727] Published in May and November \$ 30

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www.imstat.org/membership/regular.htm

IMS Meetings around the world

IMS sponsored meeting

7th World Congress in Probability and Statistics

(71st IMS Annual Meeting and 7th Bernoulli Society World Congress)

July 14–19, 2008, National University of Singapore, Singapore

w <http://www.ims.nus.edu.sg/Programs/wc2008/index.htm>

e wc2008_general@nus.edu.sg

Chair of the Local Organizing Committee: Louis Chen; Chair of Scientific Program Committee: Ruth Williams

The seventh joint meeting of the Bernoulli Society and the Institute of Mathematical Statistics will take place in Singapore from July 14 to 19, 2008. This quadrennial joint meeting is a major worldwide event featuring the latest scientific developments in the fields of probability and statistics and their applications. The program will cover a wide range of topics and will include invited lectures by the following leading specialists:

Martin Barlow, University of British Columbia (Medallion Lecture)

Richard Durrett, Cornell University (Wald Lectures)

Jianqing Fan, Princeton University (Laplace Lecture)

Alice Guionnet, École Normale Supérieure de Lyon (Lévy Lecture)

Mark Low, University of Pennsylvania (Medallion Lecture)

Zhi-Ming Ma, Academy of Mathematics and Systems Science, Beijing (Medallion Lecture)

Peter McCullagh, University of Chicago (Neyman Lecture)

Douglas Nychka, US National Center for Atmospheric Research (Public Lecture)

Oded Schramm, Microsoft Research (BS–IMS Special Lecture)

David Spiegelhalter, University of Cambridge and MRC Biostatistics Unit (Bernoulli Lecture)

Alain-Sol Sznitman, ETH Zurich (Kolmogorov Lecture)

Elizabeth Thompson, University of Washington (Tukey Lecture)

Wendelin Werner, Université Paris-Sud (BS–IMS Special Lecture)

There will be 33 invited paper sessions highlighting topics of current research interest (<http://www.ims.nus.edu.sg/Programs/wc2008/invitedsessions.htm>), as well as many contributed talks and posters.

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

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

The IMS Child Care initiative encourages and supports the participation at IMS Annual Meetings (including

the Congress) of IMS members having child care responsibilities (for application information see <http://www.imstat.org/meetings/childcare.htm>).

Check the congress website for updates!

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

2008

**IMS Annual Meeting/
7th World Congress
in Probability and
Statistics:** Singapore,

July 14–19, 2008.

w <http://www.ims.nus.edu.sg/Programs/wc2008/index.htm>

JSM: Denver, CO

August 3–7, 2008

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

2009

IMS Annual Meeting

@ **JSM:** Washington DC, August 2–6, 2009

2010

IMS Annual Meeting:

Location TBA, dates TBA

JSM: Vancouver, Canada, August 1–5, 2010

2011

IMS Annual Meeting @

JSM: Miami Beach, FL, July 31–August 4, 2011



Singapore River scene

Photo: Formulax/Wikimedia Commons

IMS co-sponsored meeting**MCMSki II: Markov Chain Monte Carlo in Theory and Practice****January 9–11, 2008****Bormio, Italy (Italian Alps)**

w <http://musing.unipv.it/IMS-ISBA-08/>
 Program Chairs: Bradley P. Carlin and Antonietta Mira

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

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

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

Finally (and most importantly for some), we are very pleased to announce that we have received funds from NSF and NIH sufficient to help support the travel expenses of 20 junior investigators (defined as current PhD student, or less than 5 years since PhD). Information about how to apply for this support can be found at <http://musing.unipv.it/IMS-ISBA-08/secondo.php?pag=5>

Please note that the deadline for applying for this support has been extended to **October 20**. The deadline to register for the conference itself without a late fee is now **November 5**.

We look forward to welcoming you in Bormio this January!

MCMSki II Tentative Daily Schedule**Wednesday January 9**

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

Thursday January 10

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

Friday January 11

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

MCMSki II
 Markov Chain Monte Carlo in Theory and Practice
 Bormio, Italy January 9–11, 2008
 The third joint international meeting of the IMS (Institute of Mathematical Statistics) and ISBA (International Society for Bayesian Analysis) will be held in Bormio, Italy from January 9–11, 2008.
 A central theme of the conference will be Markov chain Monte Carlo (MCMC) methods and applications. The conference will feature three plenary speakers: Peter Green, Kerrie Mengersen, Xiao-Li Meng and 6 invited sessions covering a broad array of current and developing statistical practice.
 Recent Advances in MCMC Methodology
 Integrative genetics and bioinformatics
 Bayesian Models for Financial Risk Management
 State Space Methods and Applications
 Complex Bayesian Models with Applications in Genomics
 Bayesian Applications in Technology
 Nightly poster sessions will offer substantial opportunity for informal learning and interaction.
 Travel support may be available for junior investigators presenting posters. For more details as well as information on the preconference “AdapSki” satellite meeting on adaptive MCMC methods, January 8–9, please see the website:
<http://musing.unipv.it/IMS-ISBA-08/>

Daily Schedule
 8:45–9:45 Plenary Speakers
 10:05–12:05 Invited Sessions
 1:00–4:30 Lunch
 4:45–6:45 Invited Sessions
 7:00–11:00 Dinner, Posters, Cabaret

IMS co-sponsored meeting**AdapSki 08, a satellite meeting to MCMSki II (see announcement, left)****January 6–8, 2008****Bormio, Italy**

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

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

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

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

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

Registration

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

IMS sponsored meeting



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

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

WNAR Presidential Invited Address

Jerry Lawless

University of Waterloo

WNAR Program Chair

Patrick Heagerty

University of Washington

IMS Program Chair

Charles Kooperberg

Fred Hutchinson Cancer Research Center

IMS 2008 Medallion Lecturer

Peter Bartlett

University of California, Berkeley

Local Organizer

Frank Samaniego & Chris Drake

University of California, Davis

IMS co-sponsored meeting:

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

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

IMS co-sponsored meeting:

2009 ENAR/IMS Spring Meeting
March 15–18, 2009
Grand Hyatt San Antonio, San Antonio, TX

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

IMS co-sponsored meeting:

2010 ENAR/IMS Spring Meeting
March 21–24, 2009
Hyatt Regency New Orleans, New Orleans, LA

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

IMS sponsored meeting

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

Local chair: Ryan Elmore. Details to follow.

IMS co-sponsored meeting

JSM2008

August 3–7, 2008. Denver, Colorado

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

The 2008 Joint Statistical Meetings will be held August 3–7, 2008, at the Colorado Convention Center located at 700 14th Street, Denver, CO 80202.

IMS co-sponsored meeting

33rd Conference on Stochastic Processes and their Applications
July 27–31, 2009. Berlin, Germany

w <http://www.math.tu-berlin.de/SPA2009/>

Organizing committee chair: Jochen Blath; co-chair: Peter Imkeller
 IMS Reps to Program Committee: Martin Barlow, Gerard Ben Arous, Hans Föllmer, Luis Gorostiza, Dmitry Kramkov, Russ Lyons, Claudia Neuhauser, Ed Waymire, and Ofer Zeitouni

IMS co-sponsored meeting

International Workshop on Recent Advances in Time Series Analysis
June 8–11, 2008. Protaras, Cyprus

w www.ucy.ac.cy/~rats2008/

IMS Rep: Rainer von Sachs (UC Louvain, Belgium).

Call for posters: extended abstracts (1 to 2 pages) should be submitted electronically to fanis@ucy.ac.cy by **1 March 2008**. Registration forms and local information are available on the website.

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

IMS co-sponsored meeting

2008 Seminar on Stochastic Processes

April 3–5, 2008. University of Delaware, Newark, Delaware

w <http://www.math.udel.edu/~sturm/SSP08main.html>

Apart from informal presentations by conference participants, there will be plenary talks by five invited speakers: **Amarjit Budhiraja** (UNC, Chapel Hill); **Xia Chen** (University of Tennessee, Knoxville); **Richard Kenyon** (Brown University); **Anita Winter** (University of Erlangen-Nürnberg, Germany); and **Marc Yor** (Université Paris 6, France). In addition, a short informal afternoon session will be held honoring the late **Frank Knight**'s mathematical career. Marc Yor will lead the tribute, but we are looking for other conference participants to contribute. Please contact us if you would also like to make some remarks in this presentation.

NEW

IMS co-sponsored meeting

IWAP2008: International Workshop in Applied Probability

July 7–10, 2008

Université Technologie de Compiègne (UTC), Compiègne, France

w <http://www.lmac.utc.fr/IWAP2008/>

Contacts: Nikolaos Limnios **e** nikolaos.limnios@utc.fr and Joseph Glaz **e** joseph.glaz@uconn.edu (IMS Rep)

This workshop will be an interdisciplinary conference in the field of probability with applications to several areas of science and technology, including actuarial science and insurance, bioinformatics, biosurveillance, computer science, data mining, finance, learning theory and target tracking. The aim of this workshop is to bring together, and to foster exchanges and collaborations among, scientists working in applications to any field, including those listed above.

IMS co-sponsored meeting

4th Cornell Probability Summer School

June 23 – July 4, 2008. Cornell University, Ithaca, NY

w <http://www.math.cornell.edu/~durrett/CPSS2008/>

Now an IMS co-sponsored meeting, this Fourth Cornell Probability Summer School will focus on probability problems that arise from ecology. The main lecturers will be **Claudia Neuhauser** (Minnesota), **Sylvie Méléard** (Paris), **Simon Levin** (Princeton), and **Ted Cox** (Syracuse). In addition there will be one or two one-hour talks by **Steve Ellner** (Cornell), **Alan Hastings** (U.C. Davis), **Steve Krone** (U. of Idaho), **Nicolas Lanchier** (Arizona State), and **Rinaldo Schinazi** (Colorado Springs).

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

NEW

Other Meetings Around the World: Announcements and Calls for Papers

First Canada–Mexico Statistics Meeting February 22–23, 2008, CIMAT, Mexico

NEW

W <http://www.cimat.mx/Eventos/canada-mexico-SM/>

This event will take place at the Centro de Investigación en Matemáticas (Centre for Research in Mathematics, CIMAT), located in the City of Guanajuato, Mexico, on February 22–23, 2008. CIMAT is a Public Research Center dedicated to research, training and applications in mathematics, statistics and computer sciences. The meeting is organized by the Statistical Society of Canada (SSC) and the Asociación Mexicana de Estadística (Mexican Statistical Association, AME).

For general information about the meeting, please contact Rosy Davalos rosa@ciimat.mx

98th Statistical Mechanics Conference December 16–18, 2007 Rutgers University, NJ

NEW

W <http://www.math.rutgers.edu/events/smm/index.html>

At this meeting we will honor some of our outstanding experimental colleagues: Guenter Ahlers, Herman Cummins, Jerry Gollub, Anneke Sengers, and Harry Swinney.

A tentative list of speakers follows: Mahesh Bandi, Andrea Bertozzi, Lesser Blum, Bulbul Chakraborty, Susan Coppersmith, Siegfried Dietrich, Charles Doering, Aleksander Figotin, Michael Fisher, Gabor Forgacs, Seth Fraden, Peter Fratzl, Sharon Glotzer, Italo Guarneri, Pierre Hohenberg, Stanislas Leibler, Jackson Mayo, David Mukamel, Zohar Nussinov, Adrian Parsegian, David Pine, Mark Ratner, Daniel Rothman, Beate Schmittmann, Eugene Shakhnovich, Alan Sokal, Gene Stanley, Henk Van Beijeren, Michael Vogelius, John Weeks, Ron Weiss, Ben Widom, Michael Widom, Robert Ziff

Please register your interest at <http://www.math.rutgers.edu/events/smm/res-form1.html>. We would like to know of any colleagues or students who should be added to our mailing list, positions wanted or available, etc.

Contact Joel L. Lebowitz • lebowitz@math.rutgers.edu

Boltzmann video

Giuseppe Mussardo from Trieste has recently made a video about Boltzmann's life and ideas, with the participation of Giovanni Gallavotti, Giorgio Parisi, Herbert Spohn and others. You may purchase a copy of the video for \$15.00. Contact Joel Lebowitz (see above) if you would like a copy.



*Are you
organizing a meeting?
Do you want to see it listed here?
It's easy ... and it's free!*

*Simply email the details to Elyse Gustafson
erg@imstat.org and we'll list it here in the
Bulletin, and on the IMS website
meetings page, too.*

7th Winter School on Mathematical Finance January 21–23, 2008

NEW

CongresHotel De Werelt, Lunteren, Netherlands

W <http://www.science.uva.nl/~spreij/stieltjes/winterschool.html>

FIRST ANNOUNCEMENT

Two mini courses of 5 hours each will be delivered by **Ernst Eberlein** (Albert-Ludwigs-Universität Freiburg) and **Ragnar Norberg** (London School of Economics). Special invited lectures will be given by **Andreas Kyprianou** (University of Bath, UK), **Uwe Schmock** (Technische Universität Wien), **Michèle Vanmaele** (Ghent University). Four short lectures complete the programme.

Further information and registration is available on the webpage above.

The winter school will be supported financially by NWO (Netherlands Organization for Scientific Research), ESF (European Science Foundation, through the AMaMeF research programme), the Thomas Stieltjes Institute for Mathematics, MRI (Mathematical Research Institute) and CentER (Center for Economic Research).

Organisers: Hans Schumacher (Universiteit van Tilburg) and Peter Spreij (Universiteit van Amsterdam)

LUMS 2nd International Conference on Mathematics and its Applications in Information Technology 2008 (in collaboration with Abdus Salam School of Mathematical Sciences, GC University, Lahore)

March 9–12, 2008

Lahore, Pakistan



W <http://web.lums.edu.pk/licm08>

CALL FOR PAPERS

The LUMS 2nd International Conference on Mathematics and its Applications in Information Technology will be held on the beautiful campus of LUMS in March 2008 over four days. It will be attended by various world leaders in mathematics and postgraduate students. This conference will provide a forum for researchers and educators from around the world to present their results and exchange ideas and information in the latest developments in all areas of Mathematics.

The conference features 45 minute talks by keynote speakers, 30 minute talks by invited speakers and 20 minute talks by paper presenters. For more information, please visit the website. Faculty members are encouraged to suggest to their PhD students that The Second LUMS Conference on Mathematics is an appropriate place to present their research papers.

The conference will cover a broad range of topics in Mathematical research. The topics include, but are not limited to: Applied Mathematics; Pure Mathematics; Industrial Mathematics; Financial Mathematics; Actuarial Mathematics; Information Technology for Mathematics; and Discrete Mathematics.

Keynote Speakers: Aleksander Malnic (Slovenia), Ari Laptev (Imperial College, London), Bernd Wegner (Germany), Dato Rosihan M. Ali (USM, Malaysia), Dorin Popescu (University of Bucharest, Romania), Edy Tri Baskoro (Institute Teknologi Bandung, Indonesia), Esmail Babolain (Teacher Training University, Iran), Genghua Fan (Fuzhou University, China), Jin Ho Kwak (Pohang Univ. of Sc. & Tech, Republic of Korea), Juergen Herzog (University of Essen, Germany), Michel Marie Deza (Ecole Normale Supérieure, France), Peter Wild (University of London, U.K.), Pavel Exner (Czech Technical University), Ulrich Knauer (Carl von Ossietzky Univ., Germany)

Invited Speakers: Carlos Martins da Fonseca (University of Coimbra, Portugal), Christian Mauduit (University de la Mediterranée, France), Eraldo Giuli (University of L'Aquila, Italy), Faiz Ahmad (King Abdulaziz Univ., Saudi Arabia), Jafar Baizar (Guilan University, Rasht, Iran), Matt Davison (University of Western Ontario, Canada), M. Akram Javaid (University of Engg. and Tech, Taxila, Pakistan), NG Wee Leng (NTU, Singapore), Sang-Gu-Lee (Sungkyunkwan University, Korea), Sheng Bau (China), S.M. Aqil Burney (Univ. of Karachi, Pakistan), Sohaib A. Khan (LUMS, Pakistan), Tasawar Hayat (Quaid-i-Azam Univ., Islamabad, Pakistan),

Registration Deadline: February 10, 2008

For further details, please contact Kashif Iqbal, Conference Secretariat

The Fifth Conference on High Dimensional Probability

May 26–30, 2008

Luminy, France



W <http://www.math.gatech.edu/news/conferences/hdp08/>

Organizers:

Christian Houdré houdre@math.gatech.edu

Vladimir Koltchinskii vlad@math.gatech.edu

David Mason davidm@udel.edu

Magda Peligrad magda.peligrad@uc.edu

*[right] the calanque of Morgiou,
near CIRM, in the south of France*



NEW

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JOINT MEETING OF THE
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AND THE **SOCIÉTÉ FRANÇAISE**
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CENTRE DES CONGRÈS D'OTTAWA (CANADA)

MAY 25-29 2008

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Employment Opportunities around the world

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University of California, Los Angeles

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University of Illinois at Chicago [3 ads]

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Memorial University of Newfoundland
Division of Community Health and Humanities
Faculty of Medicine



The Division of Community Health and Humanities, Faculty of Medicine, Memorial University of Newfoundland invites applications for a tenure track position in **Biostatistics/Quantitative Research Methods**

The appointment will be at the Assistant or Associate Professor level and salary will commensurate with qualifications and experience. The successful candidate will contribute to the undergraduate and graduate programs, establish an independent, externally funded program of research, and participate in service activities (including statistical consulting services to the Faculty of Medicine and the Schools of Nursing and Pharmacy).

Candidates should hold a PhD in Biostatistics, or Applied Statistics or related field with strong quantitative analysis skills. Individuals who are currently in the later stages of their doctoral training are encouraged to apply. Priority will be given to applicants with a promising publication record in refereed journals, and the ability to develop a productive research program supported by external funding. The candidate's area of research should fall within the mandate of the Division.

Applications should be addressed to: *Dr. Catherine Donovan, Acting Associate Dean, Division of Community Health and Humanities, Faculty of Medicine, Memorial University of Newfoundland, A1B 3V6*. Applications can be submitted electronically to brendah@mun.ca or by fax: (709) 777-7382. VPA MEDI 2006 007

The application package should include curriculum vitae, contact details of three referees, a letter of application, one sample of scholarly writing, an overview and discussion of qualifications and interests as they relate to the position, and a statement of teaching philosophy. Consideration of applications will begin on **December 1, 2007** and continue until the position is filled. Appointments will commence as soon as possible.

The Faculty of Medicine is located in the Health Science Centre on the campus of Memorial University of Newfoundland. This facility also houses the Schools of Pharmacy and Nursing, the Health Science Library, the General Hospital, the H. Bliss Murphy Centre, and the Janeway Children's Hospital. The integrated complex allows for close working relationships in both research and teaching among the Faculties of Medicine and the Schools of Nursing and Pharmacy.

Memorial University of Newfoundland is the largest university in Atlantic Canada. As the province's only university, Memorial plays an integral role in the education and cultural life of Newfoundland and Labrador. Offering diverse undergraduate and graduate programs to almost 17,000 students, Memorial provides a distinctive and stimulating environment for learning. St. John's is a safe, friendly city with great historic charm, a vibrant cultural life, and easy access to a wide range of outdoor activities.

Memorial University is committed to employment equity and encourages applications from qualified women and men, visible minorities, aboriginal people, and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Canada: Ontario**Mathematics & Statistics Department at Queen's University**

The Department of Mathematics and Statistics invites applications for two tenure-track appointments at the Assistant Professor level, one in Statistics, and the second in Probability or Statistics. The appointments will begin July 1, 2008.

Successful applicants must have a demonstrated commitment to excellence in research and the potential for research leadership. Candidates must also have the ability to excel in teaching a broad range of statistics courses and in supervising graduate students. Salary and level of appointment will be commensurate with qualifications and experience. Exceptionally qualified candidates may be appointed at a higher rank. Candidates should have a PhD in statistics or a related area. All areas of statistics or probability are welcome, though applicants will be assessed on the way their work will complement or enhance the existing research profile of the department. Research profiles are available at <http://www.mast.queensu.ca/graduate/prob.php>

Interested candidates should arrange for a curriculum vitae, a description of research interests, up to five publications or pre-prints, a statement on teaching or a teaching dossier, and at least four letters of reference, one of which should comment on the candidate's teaching, to be sent to the address below by **November 30, 2007**. Applications will be considered until the position is filled but priority will be given to those received before November 30, 2007. Further instructions are available at <http://www.mast.queensu.ca/positions/index.php>

Leslie G. Roberts, Associate Head
Department of Mathematics and Statistics, Queen's University
Kingston, Ontario K7L 3N6
e position@mast.queensu.ca
w <http://www.mast.queensu.ca>
f (613) 533-2964

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

Singapore**Division of Mathematical Sciences****School of Physical & Mathematical Sciences****Nanyang Technological University**

Nanyang Technological University (NTU), Singapore, is today a doctoral/research university with a current undergraduate and graduate enrolment of over 25,000. It has recently evolved from a mainly technological university to a comprehensive one, with the establishment of the School of Physical & Mathematical Sciences (SPMS) in 2005.

The Division of Mathematical Sciences in the School of Physical & Mathematical Sciences invites applications for two to three full-time tenure-track or tenured faculty positions at the Assistant, Associate or Full Professor levels, to commence by July 2008, in all areas of probability, theoretical and applied statistics. We seek scholars who will establish or maintain strong research programs and teach effectively at the undergraduate and graduate levels. Candidates who are interested in applications of statistics, in areas such as economics, actuarial science, biology, or finance, are strongly encouraged to apply.

The commencing salary will be competitive and commensurate with the candidate's qualifications, experience and the level of appointment offered. Further information on the general terms and conditions of service is available at www.ntu.edu.sg/hr/terms/index.htm

Application materials should be sent to:

Division of Mathematical Sciences
School of Physical & Mathematical Sciences
Nanyang Technological University
Block 5, Level 3, 1 Nanyang Walk
Singapore 637616
 Telefax: (65) 6316 6984
 Email: MASrecruit@ntu.edu.sg

and should include: (1) an American Mathematical Society Standard Cover Sheet, (2) a detailed CV with the publication list, (3) a statement of research interest, experience & plan, (4) a statement of teaching philosophy, (5) the contact information of at least three references, including one who can comment on the candidate's effectiveness and commitment to excellence in teaching.

Information about the Division may be found at <http://www.spms.ntu.edu.sg/MAS/>.

Review of applications will begin on **December 1, 2007**, until all positions are filled.

Spain: Barcelona**Universitat Pompeu Fabra
Barcelona, Spain**

We invite applications for faculty appointments at the level of tenure-track Assistant Professor, post-doctoral researcher, or visiting professor, to begin September 2008. Applicants should hold a PhD (or should be near completion of their doctoral studies), and should have a demonstrated potential for research excellence.

Applicants should provide a curriculum vitae, submit a copy of their most recent publications and three letters of recommendation. Applicants for Assistant Professor or post-doctoral positions should also provide the list of courses taken. Please, send all by post or by courier. We will not accept applications sent by e-mail. All materials should be sent with a cover letter (including the fields of specialization) to *Olga Aguilar, Faculty Recruiting Committee, Department of Economics and Business, Universitat Pompeu Fabra, Ramon Trias Fargas, 25-27, 08005 Barcelona, Spain.*

Deadline for application is **November 30, 2007**

Additional information can be found at <http://www.econ.upf.edu>

UK: Oxford**University of Oxford
Mathematical, Physical and Life Sciences Division
Department of Statistics
Postdoctoral Research Assistant**

Fixed term appointment of 2 years' duration

Academic-related Research Staff Grade 7:

Salary £26,666 to £32,796 (bar) per annum

Statistical Methods for the Analysis of Genome-Wide Association Studies

A fixed-term research position of 2 years' duration, funded by GlaxoSmithKline (GSK), is available to work in the research group of Dr Jonathan Marchini, on statistical issues in modern genetic studies, with specific application to genome-wide datasets generated by GSK. The ideal start date would be 1 December 2007, or at a later date by arrangement. The well-qualified successful applicant is likely to be appointed at or near the top of the salary scale given above.

The successful applicant will work on developing analysis methods for distinct datasets provided by GSK. The appointee will work under the direction of Dr Jonathan Marchini. Candidates should have a strong background in modern statistics and its application, or a related field. Good computational skills are essential and candidates should have, or expect soon to have, a doctorate. An existing background in genetics would be an advantage but candidates wishing to move into the genetics field are also encouraged to apply. The Department of Statistics in Oxford is one of the largest and strongest in the UK and a world leader in statistical genetics.

Informal enquiries should be directed to marchini@stats.ox.ac.uk. Further particulars are available from <http://www.stats.ox.ac.uk>, or the address below.

Applications should comprise a curriculum vitae and a list of publications together with the names, addresses, telephone, fax and e-mail details of three referees and should be submitted (single hard copy) to *Personnel Administration, Department of Statistics, 1 South Parks Road, Oxford, OX1 3TG*. Applications faxed to +44 1865 272595 or e-mailed to jobs@stats.ox.ac.uk are acceptable as long as they are followed by hard copy. Please always quote reference number: AM-07-003.

The closing date for applications is **Thursday 25 October 2007**

**USA: Alabama****University of Alabama
Assistant Professor of Mathematics**

The Department of Mathematics invites applications for a tenure-track position at the Assistant Professor level in the general area of scientific computing, with the appointment to begin in August 2008. We are particularly interested in computational statistics and mathematical finance; we are also interested in any major area of statistical science.

Candidates must possess a doctorate degree in mathematics, statistics, or closely related fields by August 31, 2008. Experience in teaching and research is expected. Applicants should send a curriculum vitae along with a letter of application, and arrange for three letters of recommendation to be sent to *Chair of the Search Committee, Department of Mathematics, University of Alabama, Tuscaloosa, AL 35487-0350*. Applications will be reviewed immediately, and will continue to be accepted until the position is filled.

For more information about the department and the university, visit our website: www.math.ua.edu/

The University of Alabama is an Affirmative Action/Equal Opportunity Employer. Applications from women and minorities are encouraged.

USA: California**University of California, Los Angeles****Department of Mathematics****2008-2009 Faculty Positions**

The Mathematics Department is in a period of increased hiring of tenure and tenure-track faculty. Subject to administrative approval, we expect to make several regular appointments in a wide range of possible fields. Appointments begin July 1, 2008. We will be making appointments beginning in the academic year 2008-09 in the following categories:

1. Tenure Track/Tenured Faculty Positions.
2. E.R. Hedrick Assistant Professorships. The salary is \$55,400, and appointments are for three years. The teaching load is four quarter courses per year.
3. Research Assistant Professorships in Computational and Applied Mathematics (CAM). The salary is \$55,400, and appointments are for three years. The teaching load is normally reduced to two or three quarter courses per year by research funding as available.
4. Assistant Adjunct Professorships in the Program in Computing (PIC). Applicants for these positions must show very strong promise in teaching and research in an area related to computing. The teaching load is four one-quarter programming courses each year and one seminar every two years. Initial appointments are for one year and possibly longer, up to a maximum service of four years. The salary is \$59,100.
5. Assistant Adjunct Professorships and Research Postdocs. Normally appointments are for one year, with the possibility of renewal. Strong research and teaching background required. The salary range is \$50,900-\$55,400. Teaching load for Adjuncts is five quarter courses per year.

If you wish to be considered for any of these positions you must submit an application via www.mathjobs.org. Submit the AMS Cover Sheet and supporting documentation electronically.

For fullest consideration, an application must be submitted on, or before, **December 12, 2007**. PhD is required for all positions.

The University of California asks that applicants complete the Equal Opportunity Employer survey for Letters and Science, at the following URL: <http://cis.ucla.edu/facultysurvey>

Under Federal law, the University of California may employ only individuals who are legally authorized to work in the United States as established by providing documents specified in the Immigration Reform and Control Act of 1986.

UCLA is an Equal Opportunity/Affirmative Action Employer.

USA: Colorado**Colorado State University****Faculty Positions Starting Fall 2008**

The Department of Statistics at Colorado State University invites applications for three regular faculty positions, at least one at open rank, starting Fall 2008. A PhD in statistics or a related field and commitment to high quality research and teaching in statistics or probability are required. Outstanding candidates in all areas are strongly encouraged to apply. One position is targeted to candidates with research interests in applied probability or probability.

The department currently comprises 12 faculty and over 45 graduate students, and has a network of faculty affiliates at nearby research agencies (National Center for Atmospheric Research, National Institute of Standards and Technology, and Centers for Disease Control and Prevention, among others.) Our faculty members have a wide range of expertise and are involved in various interdisciplinary graduate training and research activities. Internal and external consulting activities of the department are supported through the Graybill Statistical Laboratory, the Center for Applied Statistical Expertise, and the Center for Bioinformatics. Further information about the department and position is available on our webpage <http://www.stat.colostate.edu/>

Fort Collins, the home of Colorado State University, is located one hour north of Denver, in a beautiful location along the Front Range of the Rocky Mountains. Excellent quality of life led Fort Collins to be ranked Number 1 among *Money* magazine's 2006 Best Places to Live.

An application for a junior candidate (not currently holding a tenured position) includes a cover letter, complete CV, graduate transcripts, and three letters of reference. An application for a senior candidate consists of a cover letter and complete CV. (Letters of reference will be requested for short-listed senior candidates.) Application materials can be uploaded in PDF format at <http://www.natsci.colostate.edu/searches/statistics/>

Contact information is available on the application web page.

Review of applications will begin **November 30, 2007**.

Applications received after this date will be considered until the positions are filled. Colorado State University is an equal opportunity/affirmative action employer and complies with all Federal and Colorado State laws, regulations and executive orders regarding affirmative action requirements in all programs. The Office of Equal Opportunity and Diversity is located in 101 Student Services. In order to assist Colorado State University in meeting its affirmative action responsibilities, ethnic minorities, women and other protected class members are encouraged to apply and so identify themselves.

USA: DC**American University**

The Department of Mathematics and Statistics in the College of Arts and Sciences at American University is accepting applications for a tenure track Assistant Professor position for Fall 2008.

Qualifications: earned doctorate in mathematics or statistics by Fall 2008, as well as evidence of effective teaching and either a record of or the potential for continuing productive scholarship. Responsibilities: teaching undergraduate and graduate level mathematics and/or statistics; conducting research; advising and mentoring students, with particular sensitivity to women and minority students; institutional service.

American University is seeking highly dedicated teachers and scholars who are deeply committed to interdisciplinary learning, the application of new technologies in teaching and scholarship, and to the preparation of students for life in a diverse and rapidly changing global society.

Application review will begin immediately and continue until the position is filled.

Submit letter of application and vita to *Search Committee, Department of Mathematics and Statistics, American University, 4400 Massachusetts Avenue NW, Washington, DC 20016-8050*. Have official transcripts and three letters of reference sent directly to the department. At least one letter should specifically mention teaching experience. Applications may also be submitted electronically; in this case follow the directions on the website below.

All applicants are encouraged to review full application instructions, available at <http://math.american.edu/positions> or from the department at (202)885-3120. American University is an Equal Employment Opportunity/Affirmative Action employer, committed to a diverse faculty, staff, and student body. Women and minority candidates are strongly encouraged to apply.

USA: Illinois**Department of Applied Mathematics****Illinois Institute of Technology****Chicago, IL**

The Department of Applied Mathematics at IIT invites applications for one early career tenure-track faculty position, beginning in August 2008. In addition, a senior tenured appointment may be considered for candidates with exceptional research and funding records.

The successful candidate must have earned a PhD degree, demonstrated the potential for outstanding research and be dedicated to excellent teaching. We are keenly interested in candidates with broad interests who will collaborate with other colleagues in applied mathematics and related disciplines.

The Department of Applied Mathematics currently consists of 14 tenured/tenure-track faculty. Our mission is: **i)** to undertake top-rate research in applied analysis, computational mathematics, discrete applied mathematics, and stochastics, and **ii)** to provide quality education at the BS through PhD levels to both our applied mathematics students and those in other disciplines who need applied mathematics. Our departmental and institutional culture promotes mutually beneficial collaborations, such as the Masters of Mathematical Finance offered in partnership with the Stuart School of Business and the PhD in Collegiate Mathematics Education offered in partnership with the Mathematics and Science Education Department. Our research is funded by a number of external sources, including NSF, NSA and commercial firms.

With a very diverse student body of over 6,000, IIT is a private, PhD-granting university with programs in engineering, science, psychology, architecture, business, design and law. IIT is located in a city-park like campus designed by the influential 20th-century architect Mies van der Rohe in the heart of the vibrant city of Chicago. Further information about IIT and the Department of Applied Mathematics can be found at <http://math.iit.edu>

To apply please submit the following through MathJobs (www.MathJobs.org): a cover letter, your curriculum vitae, and succinct teaching and research statements. At least four confidential reference letters (one addressing teaching effectiveness) should also be submitted through MathJobs. Questions regarding this position may be addressed to Fred J. Hickernell, Chair, Department of Applied Mathematics, amsearch@math.iit.edu, (312) 567-8983.

Applications will be reviewed beginning **November 15, 2007** and on a continuing basis until the position is filled. We especially encourage applications from women and under-represented groups. IIT is an Affirmative Action/Equal Opportunity employer.

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

Applications are invited for a tenure-track assistant professor position in Statistics starting August 2008. Applicants must show promise of excellence in both scholarly research and teaching, as well as interest in research collaboration. Research interests compatible with those of current faculty members are desirable. These include modern computational statistics, statistical genetics, spatial statistics, Bayesian inference, time series, categorical data analysis, and bioinformatics. Opportunities abound for interdisciplinary research in medicine and public health, economics, environmental sciences, engineering, law and justice, and other areas.

Applicants must complete a Ph.D. prior to August 20, 2008 and must be free to assume the duties of this position on that date. The selection process begins **December 3, 2007** and continues until the position is filled. Please send a curriculum vitae (including a description of teaching experience), graduate transcripts, PhD thesis abstract, publications, and manuscripts in progress, and arrange to have three letters of reference sent, to:

*Statistics Search Committee
Dept. of Statistics and Actuarial Science
241 Schaeffer Hall
The University of Iowa
Iowa City, IA 52242-1409*

✉ statistics-search@stat.uiowa.edu

The Department currently has 17 tenured and tenure-track faculty, including 9 Fellows of the American Statistical Association. The Ph.D. degree is offered in statistics, and the B.S. and M.S. degrees in both actuarial science and statistics. For additional information about the Department, please refer to the website: <http://www.stat.uiowa.edu/>

Founded in 1847, the University of Iowa offers its 29,000 students over 100 areas of study. Among the University's distinctions are the internationally acclaimed Writers' Workshop, which fostered the talents of Ray Bradbury, Flannery O'Connor, and Kurt Vonnegut, and one of the largest university-owned teaching hospitals in the nation.

Iowa City is a Midwestern center for culture, education, athletics, and outdoor fun. In 2006, Market Guide's Better Living Index in USA Today, ranked Iowa City third most-educated metropolitan area in America and in 2004, Expansion Management Magazine ranked Iowa City in the top 5 out of 330 U.S. cities in quality of public schools and in general livability. Iowa City is within 300 miles of Chicago, St. Louis, Kansas City, and Minneapolis. The regional airport is served by 5 airlines. For more information on Iowa City, please visit: <http://www.icgov.org/aboutic.htm>

The Department and the College of Liberal Arts and Sciences are strongly committed to gender and ethnic diversity; the strategic plans of the University, College and Department reflect this commitment. Women and members of underrepresented minorities are especially encouraged to apply. The University of Iowa is an affirmative action/equal opportunity employer.

USA: Iowa**Assistant Professor in Actuarial Science
Department of Statistics and Actuarial Science
University of Iowa**

Applications are invited for a tenure-track assistant professor position in actuarial science starting August 2008. Applicants must show promise for excellence in both teaching and creative research. They must have completed a PhD in a relevant field. A Fellowship or Associateship in a professional actuarial society is highly preferred. Industrial experience is beneficial. The appointee is expected to teach and conduct research in actuarial science and /or financial mathematics, to assist in building a PhD program in this area, and to supervise PhD students.

Applicants must complete a PhD prior to August 20, 2008 and must be free to assume the duties of this position on that date. The selection process begins December 3, 2007 and continues until the position is filled. Application includes a cover letter, a curriculum vitae, a transcript for recent PhDs, and three confidential letters of reference sent to:

*Actuarial Search Committee
Dept. of Statistics and Actuarial Science
241 Schaeffer Hall
University of Iowa
Iowa City, IA 52242-1409*

✉ actuarial-search@stat.uiowa.edu

The Department currently has 17 tenure-track faculty who are engaged in various areas of research in statistics, probability, actuarial science, and financial mathematics. The current actuarial faculty are Jim Broffitt, A.S.A., Elias Shiu, A.S.A., Shyamalkumar, A.S.A., and Qihe Tang. The B.S. and M.S. degrees are offered in both actuarial science and statistics, the Ph.D. in statistics. Actuarial students may earn a Ph.D. in statistics with emphasis in actuarial science/financial mathematics. The number of actuarial science majors is about 40 graduate and 45 undergraduate students. For additional information about the Department, please refer to the website: <http://www.stat.uiowa.edu/>

The University of Iowa is nestled in the rolling hills of eastern Iowa along the banks of the Iowa River. The enrollment is approximately 30,000 students. Iowa City is a clean, attractive community of approximately 62,000 people. It is noted for its public schools, medical and athletic facilities, attractive business district, parks, and mass transit system. In 1999, Editor & Market Guide rated Iowa City as the best metropolitan area in which to live. Among smaller metropolitan areas, the 2003 Milken Best Performing Cities Institute ranked Iowa City number 1. Iowa City is within 300 miles of Chicago, St. Louis, Kansas City, and Minneapolis.

The Department and the College of Liberal Arts and Sciences are strongly committed to gender and ethnic diversity; the strategic plans of the University, College and Department reflect this commitment. Women and members of underrepresented minorities are especially encouraged to apply. The University of Iowa is an affirmative action/equal opportunity employer.

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 mathematical computer science, statistics, and mathematics education. See <http://www.math.uic.edu> for more information.

Applications are invited for the following position, effective August 16, 2008, subject to budgetary approval.

Research Assistant Professorship

This is a non-tenure track position, normally renewable annually to a maximum of three years. This position carries 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 2007-2008 for this position is \$53,500, the salary for AY 2008-2009 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); Box R; Chicago, IL 60607.*

Applications through <http://mathjobs.org> are encouraged. No e-mail applications will be accepted. To ensure full consideration, materials must be received by **December 31, 2007**. 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 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 mathematical 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, 2008, subject to budgetary approval.

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.

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); Box T; Chicago, IL 60607.*

Applications through <http://mathjobs.org> are encouraged. No e-mail applications will be accepted. To ensure full consideration, materials must be received by **November 16, 2007**. 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 Illinois at Chicago
Department of Mathematics, Statistics, and
Computer Science**

Applications are invited for the following position, effective August 16, 2008, subject to budgetary approval.

**Tenure track position in Mathematics
Education**

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

The position is at the Assistant Professor level. Applicants must have a Ph.D. or equivalent degree in the mathematical sciences or mathematics education, or equivalent qualification, a promising record of research in mathematics education, and evidence of strong teaching ability. The salary is negotiable.

Send a letter indicating interest in the mathematics education position, vita, statement of research and teaching interests, and at least three (3) letters of recommendation, to: *Mathematics Education Search Committee; Dept. of Mathematics, Statistics, and Computer Science; University of Illinois at Chicago; 851 S. Morgan (m/c 249); Box E; Chicago, IL 60607.*

Applications through <http://mathjobs.org> are encouraged. No e-mail applications will be accepted. To ensure full consideration, materials must be received by **January 1, 2008**. 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: Maryland**Johns Hopkins Bloomberg School of Public Health
Frank Hurley & Catherine Dorrier Professor and Chair
Department of Biostatistics**

The Johns Hopkins Bloomberg School of Public Health invites applications for Chair of the Department of Biostatistics, which is endowed by the Frank Hurley and Catharine Dorrier Professorship. The successful applicant will have an outstanding international reputation in statistical science and demonstrated leadership and administrative abilities.

The department is located within a collaborative and highly interactive environment and with superb core facilities of the School of Public Health and Johns Hopkins Medical Institutions. The department and its faculty are well-known for their scholarship, research, and training programs, including PhD and Masters degrees.

Johns Hopkins University is an equal opportunity/affirmative action employer committed to recruiting, supporting and fostering a diverse community of outstanding faculty, staff and students. All applicants who share this goal are encouraged to apply.

Applications should include a CV and statements of research interest and vision of leadership for an outstanding biostatistics department in the setting of a school of public health. Please submit electronic applications as .pdf or .doc files. Review of candidates will begin in **January, 2008**.

Applications should be submitted to:

Chairman, Search Committee for Biostatistics
c/o Ms. Susan Waldman, Special Assistant
Office of the Dean
Johns Hopkins Bloomberg School of Public Health
615 N. Wolfe St., Room W1041
Baltimore, MD 21205
e suwaldma@jhsph.edu

USA: Maryland**The Johns Hopkins University
Institute for Computational Medicine**

www.icm.jhu.edu

The mission of the Institute for Computational Medicine is to develop quantitative approaches for understanding the mechanisms, diagnosis and treatment of human disease through application of mathematics and computational science. The Institute builds on internationally recognized research programs based in both the School of Medicine (www.hopkinsmedicine.org) and the Whiting School of Engineering (www.wse.jhu.edu). One of the core research areas of the Institute is medical image understanding, with a particular focus on mathematical and computational analyses of anatomic structure and function, and their variation in health and disease, based on MRI, DTI, fMRI, PET and CT data. The Institute invites applications for a tenured or tenure-track faculty position in the broad area of quantitative medical image analysis.

New faculty will be appointed in an appropriate department of the Whiting School of Engineering, will work closely with faculty of the Center for Imaging Science, and will be located within the Institute on the University's Homewood campus. Successful applicants will be expected to establish independently funded research programs, to develop collaborations with existing efforts at Johns Hopkins and to participate in the educational activities of the Institute.

In order to ensure full consideration, applications should be received no later than **December 15, 2007**. Please submit, via email and in MS Word or PDF format only, a curriculum vitae, a statement of research goals, and the names, e-mail addresses and phone numbers of three references to:

Raimond L. Winslow
Director, Institute for Computational Medicine
e rwinslow@jhu.edu

The Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

USA: Massachusetts**Assistant/Associate Professor of Bioinformatics/Computational Biology****Department of Biostatistics****Harvard School of Public Health**

The Department of Biostatistics at Harvard School of Public Health (HSPH), is seeking an outstanding candidate for a tenure-track faculty position in Bioinformatics/Computational Biology at the level of Assistant or Associate Professor. The successful candidate would join an active group at HSPH developing novel computational and statistical methods, and conduct collaborative research with clinical and basic scientists at Harvard University and its affiliated medical centers. She/he is expected to play a vital leadership role in expanding the quantitative science research and educational programs at HSPH in bioinformatics and computational biology and its related fields. Candidates should have doctoral degree and a demonstrated record of achievement; candidates in all areas of computational biology, bioinformatics and statistical science are encouraged to apply. Please send a letter of application, including a statement of current and future research interests, a curriculum vitae, sample publications, and the names of three referees to the address below. Applicants should ask their three referees to write independently to this address.

Computational Biology Junior Faculty Search Committee

Department of Biostatistics

Harvard School of Public Health

655 Huntington Avenue, 4th Floor

Boston, MA 02115

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

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

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

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

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

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

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

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

USA: Michigan**Michigan State University**

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

Search Committee

Department of Statistics and Probability

A415 Wells Hall

Michigan State University

East Lansing, MI 48824-1027.

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

USA: Michigan**Quantitative Methodology in the Social Sciences****College of Literature, Science and the Arts****University of Michigan, Ann Arbor**

The College of Literature, Science and the Arts at the University of Michigan, Ann Arbor is seeking to recruit one or more quantitative methodologists in the social sciences. This is part of a college-wide initiative to extend long-standing strengths in the quantitative social sciences. Participating departments include Communication Studies, Economics, Political Science, Psychology, Sociology, and Statistics.

Faculty at all levels will be considered. Senior, tenured faculty will typically have a joint appointment in two departments and must be top scholars whose expertise strikes a balance between disciplinary specialization and general methodological development. Junior candidates should also have disciplinary and strong methodology interests.

Candidates at Assistant Professor level should send electronic versions of vitae, statement of current and future research plans, statement of teaching philosophy and experience, evidence of teaching excellence, and copies of selected publications to quamss-recruiting@umich.edu. Three letters of reference should be sent to the above e-mail or via postal mail to:

QuamSS Faculty Recruiting, Department of Statistics

439 West Hall, University of Michigan

Ann Arbor MI 48109.

Candidates at Associate or Full Professor levels should send electronic versions of vitae, statement of current and future research plans, and names of four references to the above e-mail address.

Questions about the position should be sent to quamss-recruiting@umich.edu. Review of applications will commence on **December 1, 2007** and will continue until suitable candidates are identified. Women and minorities are encouraged to apply. The University is supportive of the needs of dual career couples. The University of Michigan is an Affirmative Action/Equal Opportunity Employer.

**The jobs section on the IMS website
is updated regularly. Check it out at**

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

Institute of Mathematical Statistics

Posted	Employee	Location
Sep 23-27	University of Michigan	Ann Arbor, MI
Sep 24-27	University of Michigan	Ann Arbor, MI
Sep 25-27	University of Michigan	Ann Arbor, MI
Sep 26-27	University of Michigan	Ann Arbor, MI
Sep 27-27	University of Michigan	Ann Arbor, MI
Sep 28-27	University of Michigan	Ann Arbor, MI
Sep 29-27	University of Michigan	Ann Arbor, MI
Sep 30-27	University of Michigan	Ann Arbor, MI
Sep 31-27	University of Michigan	Ann Arbor, MI

USA: North Carolina**Duke University****Department of Statistical Science**

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

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

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

All applicants should send a letter, curriculum vitae, and the names of three references. Mail applications to *Faculty Search Committee, DSS, Duke University, Box 90251, Durham, NC 27708-0251*. For inquiries and e-mail correspondence please write to search@stat.duke.edu. The application pool will remain open until the position is filled but screening will begin on **1 December, 2007**.

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

USA: New Jersey**Rutgers University**

The Department of Statistics at Rutgers University invites applications for a tenure track assistant professor position, starting fall 2008. We seek candidates with research expertise in biostatistics or broad statistical applications in life sciences. Please send CV, and three letters of recommendation to: *Search Committee, Department of Statistics, Rutgers University, 110 Frelinghuysen Avenue, Piscataway, NJ 08854-8019*. Rutgers University is an Equal Opportunity Employer.

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

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

Send CV and three letters of reference to:

Betsy Seagroves

Department of Biostatistics

CB #7420, 3101 McGavran-Greenberg Hall

University of North Carolina at Chapel Hill

Chapel Hill, NC 27599-7420

The School of Public Health is actively committed to diversity. We strongly encourage applications from women, minorities and individuals with disabilities. The University of North Carolina at Chapel Hill is an Equal Opportunity Employer.



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USA: New York**Columbia University
Graduate School of Business**

The Decision, Risk, and Operations Division is seeking to hire a faculty member, starting July 1, 2008. The Division has teaching responsibilities for management science, statistics and operations management courses at the MBA and PhD levels. Candidates for a tenure-track appointment should have, or be close to completing, a PhD from an accredited institution, demonstrate promise of becoming outstanding scholars in every respect, including research and teaching, and should combine exceptional disciplinary training with a strong interest in the professional mission of the school. We are particularly interested in applicants whose research record or interests are focused on statistical and empirical studies of operations management problems. The appointment may be at the assistant or associate level, depending on the qualifications of the candidate. A candidate who is close to completing a PhD will be appointed as an instructor until the semester after completion of their doctorate degree. Candidates with significant experience in teaching may also be considered for an appointment as a one-year contract visiting faculty at the assistant, associate or full professor level.

At the same time, the DRO Division is also interested in identifying highly qualified individuals, preferably with significant experience in MBA teaching, for potential adjunct appointments.

If interested, applicants must first complete a short online application at http://www.gsb.columbia.edu/divisions/dro/fac_positions.html and then send a copy of their confirmation summary, vita, three letters of recommendation and samples of research papers by **December 15, 2007** to:

Search Committee for Decision, Risk and Operations
Professor Garrett van Ryzin, Chair
c/o Elisabeth Vlaanderen
Columbia Business School, Uris 4A
3022 Broadway
New York, NY 10027

PLEASE NOTE: While applications will be entertained up until the December 15th deadline, applicants are strongly encouraged to submit their materials by **October 31st** (in particular if they plan to attend the November 4–7, 2007, INFORMS conference in Seattle).

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

USA: New York**Columbia University
Department of Statistics
Faculty Positions Starting Fall 2008**

The Department of Statistics at Columbia University invites applications for two Assistant Professor positions, commencing Fall 2008. A PhD in statistics or a related field and commitment to high quality research and teaching in statistics and/or probability are required. Outstanding candidates in all areas are strongly encouraged to apply.

The department currently consists of 20 faculty members, 30 PhD students, and over 100 MS students. The department has been expanding rapidly and, like the University itself, is an extraordinarily vibrant academic community. For further information about the department and our activities, centers, research areas, and curricular programs, please go to our web page at <http://www.stat.columbia.edu>.

Applicants should mail or email applications to *Ms. Doodmatie Kalicharan, Department of Statistics, Columbia University, Room 1003, Mail Code 4690, 1255 Amsterdam Ave, New York NY 10027; dk@stat.columbia.edu*.

Applications should include a cover letter, a complete CV, and at least three letters of reference.

Review of applications will begin **December 1, 2007**. Applications received after this date may be considered until the positions are filled or the search is closed. Columbia University is an Equal Opportunity/Affirmative Action employer. Minorities and women are encouraged to apply.

USA: New York**Assistant/Associate Director of Master of Professional Studies****Department of Statistical Science****Cornell University, Ithaca, NY**

Description of Program: Cornell's Master of Professional Studies in Applied Statistics is a professional degree with specialties in statistical modeling and analysis, and high-performance statistical computing and data analysis.

Responsibilities: Responsibilities include oversight and coordination of the program, including: recruitment, admissions and financial aid, orientation and advising, program development, identifying and developing client-sponsored projects and serving as team advisor on some projects, working with Career Services coordinator to enhance placement support and outreach to employers, teaching, graduation ceremonies, and alumni communication.

The successful candidate will provide leadership for program content and teach courses related to personal expertise (one to two courses per year, to be determined)

Qualifications: Advanced degree, preferably PhD, in Statistics, Computer Science or related field is required. Experience in industry and prior university teaching and research preferred. A Master's degree with extensive experience will be considered. Depending on qualifications, the individual will have the rank of lecturer or senior lecturer, and the title of Assistant or Associate Director (non-tenured).

To be considered for this position, please apply online through Cornell's job website available at <http://www.cis.cornell.edu/employment.html>. Application must include a cover letter, current CV, and a list of four references. Review of applications will begin immediately and be considered until the position is filled.

Located in Ithaca, N.Y., Cornell University is a bold, innovative and inclusive teaching and research university of academic distinction and public service where staff, faculty, and students alike are challenged to be active citizens of the world.

Cornell is an affirmative action/equal opportunity employer.

USA: New York**Hunter College****The City University of New York**

The Department of Mathematics and Statistics at Hunter College of The City University of New York is accepting applications for a tenure-track faculty position available for Fall 2008. Rank and salary are open. All areas of mathematics and statistics will be considered. Applicants must have a PhD in mathematics or statistics prior to beginning employment, a strong commitment to teaching at all levels and to a wide variety of students, and must have demonstrated evidence of outstanding research. Hunter College is an urban institution with a commitment to educating a diverse student population. The departmental web site is <http://math.hunter.cuny.edu>. Applications will be accepted until the position is filled. Reviews of applications will begin **November 15, 2007**.

A cover letter (and the AMS Coversheet), a C.V. and three letters of reference should be sent to math_searchcommittee@hunter.cuny.edu or to:

*Professor Ada Peluso, Chair
Department of Mathematics and Statistics
Hunter College
695 Park Avenue
New York, NY 10065*

Equal Opportunity/Affirmative Action/Americans with Disabilities Act/Immigration Reform and Control Act Employer (M/F/D/V)

USA: Pennsylvania**University of Pennsylvania, The Wharton School:**

The Department of Statistics stat.wharton.upenn.edu is seeking to fill one tenure track or tenured position at any level beginning July 2008. Applicants should show outstanding capacity and achievement in research, as well as excellent communication skills. The department, located in the business school, is interested in applications in all scientific areas and provides services to the whole university.

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

*Andreas Buja, Department of Statistics,
The Wharton School,
University of Pennsylvania,
Philadelphia, PA 19104-6340.*

The University of Pennsylvania is an equal opportunity affirmative action employer; women and minority candidates are strongly encouraged to apply.

USA: Ohio**Cleveland State University****Assistant Professors, Department of Mathematics**

Position: Four Assistant Professors – Tenure-track, full-time. A candidate in the area of applied statistics or biostatistics may be appointed at the level of Associate Professor depending on the candidate's level of experience and relevant credentials.

Start Date: August 15, 2008

Duties: Teaching graduate and undergraduate courses in the mathematics department; advancing an active research program within the discipline of expertise; usual department and university service. The usual teaching load for faculty engaged in research is two courses per semester.

Qualifications: Minimum: A doctorate earned by August 15, 2008 with a specialization in one of the following areas: (1) applied statistics or biostatistics; (2) mathematics education; (3) dynamical systems, difference equations, mathematical programming/optimization, or numerical analysis; (4) commutative algebra, algebraic geometry, or algebraic topology. Strong interpersonal and communication skills are also required. Preferred: A strong research program in the relevant area; a demonstrated commitment to excellence in teaching and mentoring students; research interests that match or connect well with members of the department; experience with innovative methods of instruction and assessment. For areas (1) and (2), preference will be given to candidates with consulting experience and a research agenda open to across-campus and off-campus collaborations. For area (3), preference will be given to candidates with a demonstrated interest in mathematical biology.

Applications: Vita, statements on teaching and research, and three letters of recommendation – one of which should address teaching effectiveness. Review of complete applications will begin on November 21, 2007; open until position is filled. Applicants should submit, and have letters of reference filed electronically with MathJobs.org. If unable to file electronically, send materials to the following address.

Chair, Search Committee, Department of Mathematics, Cleveland State University, 2121 Euclid Avenue, Cleveland OH 44115-2214.

Salary: Commensurate with qualifications

More info: http://hrwebserv.csuohio.edu/Project_AAO/Faculty.asp
CSU is an AA/EOE institution committed to non-discrimination in employment and education. M/F/D/V encouraged.

USA: Virginia**Statisticians/Biostatisticians Sought for Interdisciplinary Research at Virginia Tech**

The Department of Statistics at Virginia Tech is seeking applicants for a tenure-track position to begin as early as August, 2008. Qualified candidates should be dedicated to the model of statistician/biostatistician as interdisciplinary researcher in the area of energy and the environment. The position is part of an effort to strengthen collaborative, interdisciplinary research in this area (see also <http://www.cos.vt.edu/>). All relevant areas of statistical expertise will be considered. The position has been approved at the assistant professor level, but higher ranks may be considered. A PhD in statistics, biostatistics, or a closely related field is required.

Additional information is given at <http://www.stat.vt.edu/facstaff/jobs.html>

All applications must be submitted electronically using the following link: <http://jobs.vt.edu/applicants/Central?quickFind=187431>

Applicants should submit a cover letter, curriculum vitae, and statement of research and teaching interests using our on-line system (visit <http://www.jobs.vt.edu>, posting #071066). Separately mail three letters of reference to *Dr. Marion Reynolds, Search Chair, Department of Statistics, Virginia Tech, Blacksburg, VA 24061-0439*. Direct questions to Dr. Reynolds at mrr@vt.edu or by phone at 540-231-7931. Review of applications will begin **November 1, 2007**.

Virginia Tech is committed to recruiting, selecting, promoting, and retaining women, persons of color, veterans, and persons with disabilities. The University is a recipient of an NSF Advance grant which opens up a wide range of networking and development opportunities to women in science and engineering (<http://www.advance.vt.edu>). We strongly value diversity in the university and seek to assure equality in education and employment. Individuals with disabilities desiring accommodation in the application process should notify Betty Higginbotham, Department of Statistics (higgvt@vt.edu; 540-231-5657, or call TTY: 1-800-828-1120).

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

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

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

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

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

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

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

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

Consideration of applications will continue until the position is filled.

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

USA: South Carolina
**University of South Carolina
Bioinformatics Position**

The University of South Carolina seeks one tenure-track faculty member in bioinformatics. Candidates from all areas of bioinformatics will be considered, but preference will be given to candidates suitable for positions in the Departments of Statistics, Epidemiology and Biostatistics, or Mathematics. This hire will complete a cluster hire that includes recent hires in Biological Sciences and in Computer Science and Engineering. Successful candidates will have demonstrated the ability to conduct research in bioinformatics addressing fundamental questions in biology and complementing existing strength at USC in the evolutionary analysis of molecular sequences, statistical data mining, design and analysis of microarray assays, and neural networks.

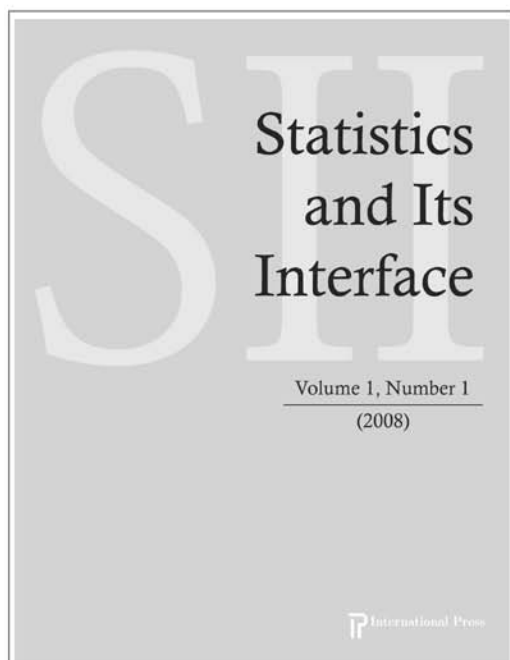
Applicants should submit a letter of application, vita, statements of research and teaching interests and copies of representative publications and have at least three reference letters sent to the *Chair of the Bioinformatics Search Committee, Office of the Dean, College of Engineering and Computing, Swearingen Engineering Center, University of South Carolina, Columbia SC, 29208*, or electronically to bioinformatics@engr.sc.edu. Review of applications will begin immediately and will continue until the positions are filled. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, or veteran status.



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

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International Calendar of Statistical Events

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 submit your meeting details and any corrections to Elyse Gustafson at erg@imstat.org

November 2007

November 7–9: Bristol, UK. Modern challenges of curve modeling: inverse problems and qualitative constraints. Contact Aureole Delaigle [e aureole.delaigle@bristol.ac.uk](mailto:aureole.delaigle@bristol.ac.uk)
w <http://www.sustain.bris.ac.uk/ws-curves.html>

November 12–13: Doha-Qatar. The First Arab Statistical Conference. **w** www.aitrs.org/english/fasc

November 12–14: De Werelt, Lunteren, The Netherlands. Lunteren Stochastics Meeting.
w <http://www.cwi.nl/events/2007/lunteren/lunteren2007.html>


November 15–16: CUNY Graduate Center, New York. Sixth Northeast Probability Seminar.
w <http://www.math.csi.cuny.edu/probability/NEPS>

November 18–24: Oberwolfach, Germany. Oberwolfach Seminar: Enumerative Combinatorics and Integrable Models of Statistical Mechanics.
w <http://www.mfo.de/cgi-bin/path?programme/seminars>

December 2007

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

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

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


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

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

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

January 2008

January 1–4: Indian Statistical Institute, Kolkata, India. International Conference on Statistical Paradigms: Recent Advances And Reconciliations. Contact: Professor Ashis SenGupta, Indian Statistical Institute [e statparconf@gmail.com](mailto:statparconf@gmail.com) **w** <http://www.isical.ac.in/~statconf08>

 **January 6–8:** Bormio, Italy. Adap'Ski 08 (satellite meeting to MCMSki II). Workshop on Adaptive Monte Carlo methods. Organizers: Christophe Andrieu, H. Haario, Christian Robert. Participants must register for MCMSki meeting (see below)
w <http://www.maths.bris.ac.uk/~maxca/adapski08/>

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

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

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

 **January 21–23:** CongresHotel De Werelt, Lunteren, Netherlands. 7th Winter School on Mathematical Finance.

w <http://www.science.uva.nl/~spreij/stieltjes/winterschool.html>

January 31 – February 1: Rennes, France. **6th Workshop: Statistical methods for post-genomic data.** Contact David Causeur, Agrocampus Rennes **e** david.causeur@agrocampus-rennes.fr

w <http://www.agrocampus-rennes.fr/math/SMPGD08/>

February 2008

NEW **February 22–23:** CIMAT, Mexico. **1st Canada-Mexico Statistics meeting.** Contact Rosy Davalos **e** rosa@cimat.mx

w <http://www.cimat.mx/Eventos/canada-mexico-SM/>

March 2008

March 4–7: Aachen, Germany. **8th German Open Conference on Probability and Statistics (“Aachener Stochastik-Tage 2008”).**

Contact Christine Müller, University of Kassel **e** gocps2008@stochastik.rwth-aachen.de **w** <http://gocps2008.rwth-aachen.de>

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

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

April 2008

NEW **ims** **April 3–5:** University of Delaware, Newark. **2008 Seminar on Stochastic Processes.** Including a session in honor of the late Frank Knight’s mathematical career.

w <http://www.math.udel.edu/~sturm/SSP08main.html>

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

May 2008

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

w http://www.ssc.ca/2008/index_e.html

May 26–30: Luminy, France. **Fifth Conference on High Dimensional Probability.** Organizers: Christian Houdré houdre@math.gatech.edu, Vladimir Koltchinskii vlad@math.gatech.edu, David Mason davidm@udel.edu, Magda Peligrad magda.peligrad@uc.edu

w <http://www.math.gatech.edu/news/conferences/hdp08/>

June 2008

ims **June 8–11:** Protaras, Cyprus. **International Workshop on Recent Advances in Time Series Analysis.**

IMS Rep: Rainer von Sachs, UC Louvain, Belgium.

w www.ucy.ac.cy/~rats2008/

June 19–21: Université Paul Sabatier, Toulouse, France. **First International Workshop on Functional and Operatorial Statistics.** Contact Karim Benhenni and Sonia Hedli-Grice, Université Pierre Mendès-France, Grenoble, France. **t** 04 76 82 57 07 **e** Karim.Benhenni@upmf-grenoble.fr **w** <http://www.lsp.ups-tlse.fr/staph/IWFOS2008>

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

June 23–28: École Normale Supérieure, Paris, France. **Stochastic Networks Conference 2008.** Chairs: François Baccelli, J. Mairesse. **w** <http://www.di.ens.fr/~baccelli/stonet08.html>

ims **June 23 – July 4:** Cornell University, Ithaca, NY. **4th Cornell Probability Summer School.** Probability problems that arise from ecology. **w** <http://www.math.cornell.edu/~durrett/CPSS2008/>

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

International Calendar *continued*


July 2008

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

 **July 7–10:** Université de Technologie, Compiègne, France. **IWAP2008: International Workshop on Applied Probability.** Contact: N. Limnios **e** nikolaos.limnios@utc.fr and J. Glaz **e** joseph.glaz@uconn.edu **w** <http://www.lmac.utc.fr/IWAP2008/>

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


July 14–18: Sandbjerg, Denmark. **Efficient Monte Carlo: From Variance Reduction to Combinatorial Optimization.** Conference on the occasion of Reuven Y. Rubinstein's 70 birthday. Contact Oddbjørg Wethelund **t** +45 8942 3515 **w** <http://www.thiele.au.dk/Rubinstein/>

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

July 21–25: Hamilton Island, Australia. **International Society for Bayesian Analysis 9th World Meeting.** **e** isba08@qut.edu.au **w** <http://www.isba2008.sci.qut.edu.au>

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

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

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

August 2008

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

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


March 2009

 **March 15–18:** Grand Hyatt, San Antonio, Texas. **2009 ENAR/IMS Spring Meeting.** **w** www.enar.org/meetings.htm

May 2009

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


July 2009

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

May 2009

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

August 2009

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

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

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

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

The *IMS Bulletin* (ISSN 1544-1881) is published ten times per year in January/February, March, April, May, June, July, August/September, October, November and December by the Institute of Mathematical Statistics, 3163 Somerset Dr, Cleveland, Ohio 44122, USA. Periodicals postage paid at Cleveland, Ohio, and at additional mailing offices. Postmaster: Send address changes to Institute of Mathematical Statistics, 9650 Rockville Pike, Suite L2407A, Bethesda, MD 20814-3998.

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8: October	September 1	September 15	October 1
9: November	October 1	October 15	November 1
10: December	November 1	November 15	December 1

in the next issue

December 2007

News of members, announcements and information about meetings, and new job opportunities. Plus a special article from Rick Durrett on writing papers, and a debate on the evaluation of collaborative work.

We'd love to hear from you! Send in your articles, feedback, letters...

DEADLINE for submissions November 1, 2007

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Kakuro corner

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



No repeated digits in a sequence.



This row sequence doesn't add up to 8.

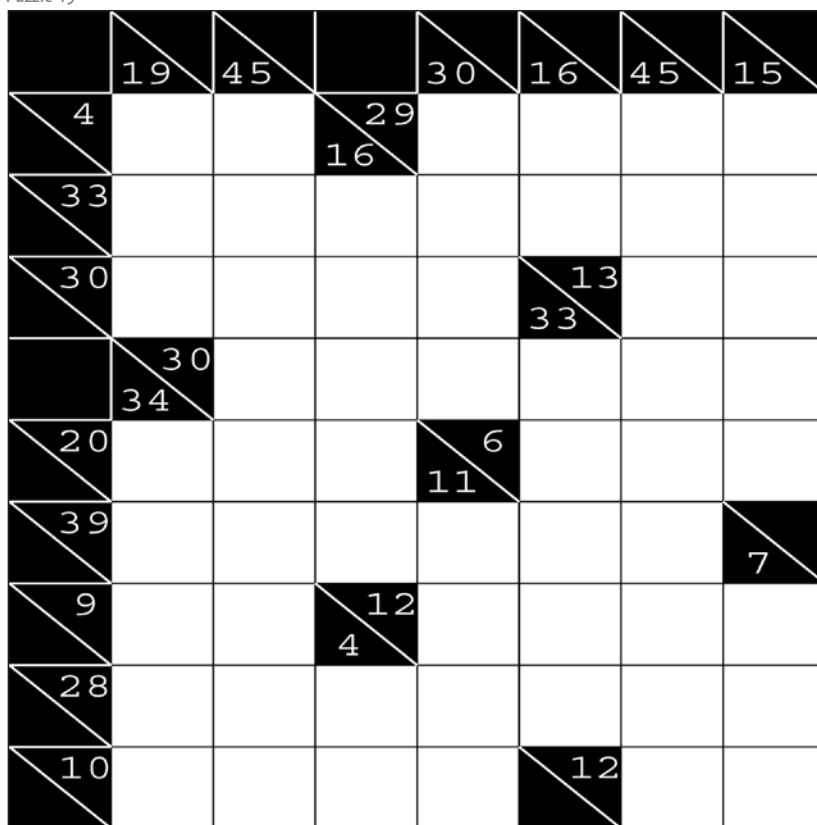


...this one does! (So does 1,2,5 and 3,1,4 and so on)

Solution 18 from last issue

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

Puzzle 19



Puzzle by www.yoogi.com