



January/February 2007

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From the New Editor: **Xuming He**

For almost 20 years, I have counted on the *IMS Bulletin* to provide me with news and information about the IMS and about the things that the IMS members care about. When I wanted to find out something about career opportunities or meetings, I turned to the *Bulletin*, either its handy hard copy or its convenient electronic copy at the IMS website.

The *Bulletin* had a face-lift five years ago, when my predecessor Bernard Silverman became the Editor. I have heard of only positive comments about it ever since, so our new editorial team will set a modest goal to improve, not to change, what the *Bulletin* has been doing. We will continue to make the *Bulletin* informative and enjoyable to IMS members. We will increase our coverage of Member Profiles so that you will learn more about not only the most distinguished but also the 'new blood' in our profession. We will report on new programs, new initiatives, and new activities concerning probability and statistics anywhere in the world. Your favorite Terence's Stuff will continue, supplemented by essays and commentaries contributed by other distinguished columnists on a wide range of issues concerning our profession. This first issue

of 2007 features new assistant professors at the Statistics department, North Carolina State University.

I take special pride in the growth and renewal of our profession, and I hope that the *Bulletin* will be part of the success. In the future issues, you will find contributed thoughts and ideas on training and mentoring, journal publications, and other issues of interest to many of our readers.

The success of the *Bulletin* itself depends on the support of all IMS members. I am fortunate to have Tati Howell who will continue to serve as the Assistant Editor, and to have a group of distinguished Contributing Editors – Peter Bickel, Louis Chen, Rick Durrett, Nicole Lazar and Terry Speed – who will bring their professional and personal experience and perspectives to make the *Bulletin* a better resource for all of us.

Most important of all, I must call upon all of our members to stay connected by providing us with news items, commentaries, suggestions and feedbacks. The *Bulletin* cannot be "yours" without the broad support of all IMS members.



Xuming He,  
University of Illinois,  
Urbana-Champaign

FREE!

## FREE IMS MEMBERSHIP FOR STUDENTS

Students also receive a free print journal with their free membership.

<http://www.imstat.org/membership/student.htm>

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## IMS Members' News

### IMS President-Elect Jianqing Fan honored

**Jianqing Fan**, Frederick L. Moore Professor, Director of Committee on Statistical Studies, Princeton University, has multiple news recently. He received the **Alexander von Humboldt Research Award** in November 2006. The Alexander von Humboldt Foundation grants up to 100 Humboldt Research Awards annually to scientists and scholars from abroad with internationally recognized academic qualifications. The research award honors the academic achievements of the award winner's lifetime. The cash award can amount to a maximum of 75,000 Euros. See more details at <http://www.humboldt-foundation.de/en/programme/preise/pt.htm>

Additionally, he delivered the 2006 Myrto Lefkopoulou Distinguished Lecturer at Harvard School of Public Health in September. Each year the Myrto Lefkopoulou

Lectureship is awarded to a promising statistician who has made contributions to either collaborative or methodologic research in the applications of statistical methods to biology or medicine, and/or who has shown excellence in the teaching of biostatistics. See more details at <http://www.biostat.harvard.edu/events/awards/myrto/>



### In Memoriam

We regret to announce the deaths of four IMS Fellows and/or members.

IMS Member and Fellow **Jerome Klotz** passed away on Sunday 12 November. Jerry was Professor Emeritus in the Department of Statistics at the University of Wisconsin–Madison.

Many members will have read of the death in November of **Milton Friedman**, Nobel Prize-winning economist. According to Steve Stigler, Milton was very active as an IMS member from the late 30s to 1946 or so. He was a Fellow of IMS.

Long-time member Dr **Chu-In Charles Lee** passed away in a car accident on August 31, 2006 in St. John's, Canada. Charles was Deputy Head of the Department of Mathematics and Statistics at Memorial University of Newfoundland in Canada.

Also **Ted Harris**, who was a fellow of IMS, has passed away. There is a conference in his memory: see the announcement on page 19. The meeting is on February 11, 2007, and not February 17 as previously announced.

We'll bring you these obituaries in due course.

# Award Nominations

## 2007 Mortimer Spiegelman Award: Call for Nominations

The Statistics Section of the American Public Health Association invites nominations for the 2007 Mortimer Spiegelman Award honoring a statistician aged 40 or younger who has made outstanding contributions to health statistics, especially public health statistics. The award was established in 1970 and is presented annually at the APHA meeting. The award serves three purposes: to honor the outstanding achievements of both the recipient and Spiegelman, to encourage further involvement in public health of the finest young statisticians, and to increase awareness of APHA and the Statistics Section in the academic statistical community. Details about the award, including a list of the past recipients, and more information about the Statistics Sections of APHA can be found at <http://www.aphastat.org/>



To be eligible for the 2007 Spiegelman Award, a candidate must have been born in 1967 or later. Please send a nominating letter and the candidate's CV to the 2007 Spiegelman Award Committee Chair: Mark J. van der Laan, Division of Biostatistics, School of Public Health, University of California, Berkeley 94720-7360 (for FedEx or UPS delivery, include 101 Haviland in the address line). E-mail inquiries may be addressed to [laan@stat.berkeley.edu](mailto:laan@stat.berkeley.edu). Please state in the nominating letter the candidate's birthday. The nominator should include one or two paragraphs in the nominating letter that describe how the nominee's contributions relate to public health concerns. A maximum of three supporting letters per nomination can be provided. Nominations for the 2007 Award must be submitted by **April 1, 2007**.

## Correction

Richard Gill is Professor in Mathematical Statistics at the Mathematical Institute at Leiden University in The Netherlands. Richard was profiled in the August/September 2006 issue, but a slight error crept into the article. He writes:

"Both myself and my friends were entertained and informed by the little item on me in a recent *Bulletin*, 35(7). But I did notice one bothersome error. Eric van Zwet was *formerly* my PhD student but now he's my "lieutenant", or right-hand-man, as you might say. We are the two mathematical statisticians in the maths institute in Leiden: I am professor, he is assistant professor."

Richard's homepage is <http://www.math.leidenuniv.nl/~gill>  
Eric's (in Dutch) is <http://www.math.leidenuniv.nl/~evanzwet/>



Eric van Zwet, Assistant Professor and "right hand man" to Richard Gill at Leiden University in The Netherlands

## IMS Executive Committee

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# IMS seeks to increase membership

IMS membership has increased steadily for six years, now standing at over 4400. However, like any healthy organization, IMS is taking stock and seeking to increase both the number and the loyalty of its members, at both the individual and organizational level of membership. And we want your help.

IMS President Jim Pitman says, “The interests of IMS members have been steadily drawn from the core of probability and statistics towards applications and developments of these subjects in diverse areas: bioinformatics, machine learning, mathematical finance, statistical physics, neuroscience, combinatorics. It is important that IMS responds by recognizing the importance of these areas for the future development of probability and statistics, and by attracting new members from the large pool of people with interests in the union of these areas.”

Jim has charged the Membership Committee—Lancelot James (Chair), Chris Genovese, Claudia Klüppelberg and Kavita Ramanan—with the task of evaluating of existing membership benefits and making recommendations for new benefits. This is where we would like your input. If this article stimulates an idea for a new benefit of membership, or a strategy for reaching out to potential members, please get in touch with the Membership Committee: details at the end.

## Existing benefits

So what are the benefits of being an IMS member? There are different categories of membership: individual (including student, reduced, new graduate etc), corporate, and organizational (which has evolved from Institutional: see below). More information on each of these at the IMS membership pages. These benefits include, for individual members of all categories:

- free electronic access to past and present issues of *all* our journals
- discounts at our sponsored meetings. The IMS sponsors a

series of meetings: an Annual Meeting (usually held during the [Northern hemisphere’s] summer), regional meetings, and special topics meetings. Many of these are joint meetings with other societies

- reduced membership rates for the Bernoulli Society and International Statistical Institute. For more information see <http://www.imstat.org/membership/bernoulli.htm>
- reduced subscription rates to paper editions of our journals and co-sponsored journals. Our journals are world leaders in their fields, for both research and review articles
- reduced rates on other publications and journals
- reduced rates for designated countries

Another reward of membership is the opportunity to contribute committee service to an organization which strives in many ways to foster the development and dissemination of the theory and applications of statistics and probability.

## New directions: IMS as Curator of Professional Information

But as well as these more traditional benefits, IMS is looking in a new direction to attract and retain members.

IMS will assist its members to curate professional information over and above the contact information currently provided by the member database. This information could include members’ research interests, biographical and bibliographic data, photographs, videos and software. Members would submit this information to IMS, which would organize and aggregate it and serve it back to the web with open access. It is obviously in the interest of every author to have their work exposed as widely as possible to bibliographic services such as Google Scholar, Rexa, and eprintweb.

## Other possible benefits

Some more possible benefits for individual members that might be considered are @imstat.org email accounts; web hosting on <http://>

*IMS sponsors and co-sponsors a range of meetings around the world. Discounts on meeting registration fees are just one of the benefits for individual members*





imstat.org/ for professional documents; wikis; member blogs; email alert and RSS feed services for members.

### Organizational Membership Benefits

IMS Council agreed a few months ago to evolve IMS Institutional Membership to Discounted Institutional Subscriptions and IMS Contributing Membership.

This new category of **Contributing Membership**, a subcategory of Organizational Membership, is intended for professional organizations of various sizes with an interest in some aspect of probability or statistics, including professional societies and non-profit organizations; university or corporate departments; government agencies; research institutes; formally constituted research groups, such as Organized Research Units; informally constituted research groups, more transient in nature, such as teams organized around a research grant; and commercial and non-commercial publishers and software providers.

This category of membership is not intended for universities, university consortia, or library organizations. Contributing Membership is intended rather as a means of registration of contributors of professional information to be managed by IMS.

Contributing Members are required to submit the following searchable information to the IMS membership:

- type of organization (society, department, research group, publisher, etc.)
- title of organization
- http address of organization's website
- description of organization
- name/address/email/phone of an administrative contact person (who indicates one person in the organization who receives Individual Membership privileges. This person will then be an IMS representative who is expected to act as a liaison between IMS and the organization.)

Contributing Members also get \$100 off their first job advertisement for the year in *IMS Bulletin* and/or on <http://imstat.org/jobs>, and 10% off future advertisements. They also receive a listing on the IMS website.

### Other benefits for Contributing Members

Contributing Members could be invited to submit further data of various kinds (in an acceptable format, preferably machine readable), to be systematically collected, maintained, and displayed with open access by IMS for the convenience of all users of professional information in probability, statistics and related fields.

Data types which IMS could aggregate with assistance from

Contributing Members include:

- discounted job ads
- conference and seminar announcements and schedules
- degree program descriptions
- course descriptions
- personal bibliographies and biographies
- subject bibliographies
- obituaries and memorials
- subject descriptions (e.g. from research groups and workshops)
- research interests
- web links, descriptions and reviews, including e.g. software and teaching materials, as collected in Probability Web
- ... and so on.

### Approaching potential members

There are many different ways IMS can approach potential members, both individual and institutional, once they are identified and their contact information is acquired. Over the coming months, IMS will be reaching out in various ways to people and organizations with some evident interest in probability or statistics. IMS is also willing to seek joint membership arrangements with national statistical societies and subject-specific societies to encourage their members to become IMS members as well, at some suitably discounted rate. These societies might also contribute to other ventures in which there may be mutual interest, such as the journal *Statistics Surveys* whose constitution invites statistical societies to contribute to the maintenance of the journal. IMS regards itself as an international society, with broad interests across the entire spectrum of probability and statistics, from pure mathematical theory through computational methods to substantive applications in diverse areas. As such, we feel that all professional probabilists and statisticians in the world should have some kind of at least token membership of IMS at minimal cost, in addition to whatever other societies they belong to. Benefits that IMS can offer to participating societies are its expertise in electronic communication, especially management of open access journals and open linking systems, and its publication platform.

### Get in touch with your ideas!

Ideas for development of these and any other initiatives to attract and retain IMS members would be very welcome.

Please get in touch with the members of the IMS Membership Committee: [ims-membership-request@www2.economia.unimi.it](mailto:ims-membership-request@www2.economia.unimi.it)

# Laha Award: apply for travel to Salt Lake City

With funds from a generous bequest by the late Professor Radha Govind Laha, IMS has established the Laha Awards to provide funds for travel to present a paper at the IMS Annual Meeting in Salt Lake City, July 29 – August 2, 2007.

## Eligibility

First priority to students, second priority to New Researchers within 2 years of PhD degree at the date of the meeting. Applicants must be members of IMS, though joining at the time of application is allowed. Student membership is free, and New Researchers also qualify for substantially reduced rates. To become a member, please see [www.imstat.org/membership/](http://www.imstat.org/membership/)

## Amount

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

## Application Contents

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

- cover letter with contact information (including email address)
- title, abstract, a brief 1-2 page summary of the paper to be presented, and one copy of the full paper or a link to a web site where the paper appears.

- For students: please include a letter signed by the advisor attesting to the fact that the student is a degree candidate. For new researchers, please include the month and year of your graduation in the cover letter.
- two letters of recommendation. Letters should be sent directly by recommender to [erg@imstat.org](mailto:erg@imstat.org) using LAHA TRAVEL AWARD: <last name of applicant> in the subject line.

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

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

## Deadline

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

## Additional Information

Applications will be reviewed by the IMS Committee on Travel Awards, and applicants will be notified in early March. It is expected that at least 8 awards will be made. The work must be that of the student/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.

# IMS Fellowship and Carver Medal: nominate now

## IMS Fellowship

The candidate for Fellowship 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 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 a candidate of well-established leadership in the application of statistics or probability, whose work has contributed greatly to the utility of and the appreciation of these areas.

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

**Submission process:** Electronic submission is highly encouraged. Please see instructions at <http://www.imstat.org/awards/fellows.html>

**Deadline:** All nominations must be received by **January 31, 2007**.

## Harry C. Carver Medal

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 Salt Lake City, July 29 to August 2, 2007.

The Nominating Committee consists of three former Presidents of the IMS.

**Nomination Process:** See instructions at <http://www.imstat.org/awards/carver.html>

**Deadline:** All nominations must be received by **February 1, 2007**.

# OBITUARY: H Samuel Wieand

## 1944–2006

H. SAMUEL WIEAND died in Pittsburgh, Pennsylvania on June 10, 2006 shortly after retiring from the Biostatistics Department at the University of Pittsburgh. He was 62.

Sam was a 1966 graduate of Indiana University in Indiana, PA, and received his doctorate from the University of Maryland in 1974. He then joined University of Pittsburgh where in 1980 he became Associate Professor in the Department of Mathematics and Statistics and Associate Professor of Biostatistics in the Graduate School of Public Health. While on sabbatical he served as a Visiting Senior Fellow at the National Cancer Institute. His experience at the NCI, in breast cancer clinical trials in the Department of Biostatistics, and his own experiences as a cancer survivor, helped to direct him toward a career as a distinguished cancer researcher.

In 1985 Sam moved to Rochester, MN and accepted a position at the Mayo Clinic where he served as the group statistician for the North Central Cancer Treatment Group (NCCTG). He was instrumental in the design and analysis of studies conducted by NCCTG to develop new therapies for gastrointestinal cancers. Sam returned to Pittsburgh in 1995 and was appointed Director of the Biostatistical Center of

the National Adjuvant Breast and Bowel Project (NSABP) as well as Professor and Associate Chair of Biostatistics at the Graduate School of Public Health. NSABP is an internationally recognized randomized clinical trial group dedicated to the evaluation of multi-modality therapies for the treatment of operable breast and colo-rectal cancer. The group at the time was actively following more than 50,000 patients randomized to more than 30 breast and colo-rectal protocols. Sam's statistical abilities, collaborative skills and administrative capabilities made him an ideal person to direct the Biostatistical Center. After relinquishing his position at NSABP, Sam served as Director of Biostatistics for the University of Pittsburgh Cancer Institute until his retirement in April of 2006.

During his career Sam published more than 130 cancer-related and statistical papers. His methodological contributions included papers in ROC curve analysis, interim monitoring of clinical trials, nonparametric statistics, survival analysis and multivariate analysis. He served as a referee for almost twenty professional journals and was an Associate Editor for *Lifetime Data Analysis* and Statistical Editor for the *Journal of Clinical Oncology*. He was elected

as a Fellow of the American Statistical Association in 1992. Sam also served cancer patients and the advocacy community as a cancer survivor on the NSABP Patient Advocacy Working Group. He was a strong mentor and advisor to both junior faculty and students, and was always willing to provide truthful, supportive and sound advice to colleagues and friends.

Those who knew Sam remember him for his kind and gentle ways, his wonderful sense of humor, his diplomacy, his love of nature, and his full appreciation of life. He enjoyed many things including playing the Emperor Concerto on the piano, a walk in the woods near his cabin, an aggressive poker game, or frequent lunches with colleagues and friends. He is survived by his wife Helen, his son Tom and wife Amy, his daughter Kelly and her husband Charles Keaton, and his grandson Evan. He will be missed by many.

*Howard Rockette  
Professor & Chair, Department of  
Biostatistics, Graduate School of Public  
Health, University of Pittsburgh*



Got some news about another IMS member? Or yourself?

**Don't keep it to yourself—  
share it!**

We're relying on **you** to keep us informed...



# The Annals of Applied Statistics

Bradley Efron, Editor-in-Chief, writes:

The IMS has had a golden touch with journals: the *Annals of Statistics*, the *Annals of Probability*, the *Annals of Applied Probability*, and *Statistical Science*, all live at the top of their respective genres. Last year the IMS Council decided to add a fifth entry, *The Annals of Applied Statistics*. New scientific technologies, microarrays being the poster child, have energized the world of statistical applications. The Council wanted to sponsor an IMS-quality journal devoted to all areas of application, with the hope that it too could rise to the top of its field.

This isn't a sure bet. Commercially sponsored electronic-oriented journals such as Oxford University Press's *Biostatistics* have provided popular and timely coverage of individual subjects. The "timely" is important here: applications papers tend to be more time-sensitive than theory. A major complaint against *JASA*'s top-ranked applications section is its slow review times, often exceeding one year, compared to a few months for their electronic competitors.

The *Annals of Applied Statistics* is set up to provide quick reviews, so far on the scale of a couple of months. It will be published in both print and electronic versions, the print copies bound

in the traditional *Annals* style, delivered in stylish pink.

I am editor-in-chief of *AOAS*, with my main job being the transmission of submitted papers to our three editors, Michael Newton (Biostatistics and Genetics), Stephen Fienberg (Social Science, Government, and Economics) and Michael Stein (Physical Science, Computation, Engineering, and the environment).

You can see the complete editorial staff, and learn more about the new journal, including how to submit papers, at our website, <http://www.imstat.org/aoas/>

So far (as of November 30), we've had 22 papers submitted. We very much hope that the members of IMS will also be our contributors. An exact definition of "applied" seems impossible, the website offering this as a general guide:

"Statistical research spans an enormous range from direct subject-matter collaborations to pure mathematical research. The *Annals of Applied Statistics* is aimed at papers in the applied half of this range."

A little more guidance appears on the "Submissions" page of the site.

Please do consider *AOAS* for publishing applied work of all varieties.

[www.imstat.org/aoas/](http://www.imstat.org/aoas/)

## IMS Gift Memberships

The Institute's Gift Membership Program is successfully continuing into its fifteenth year. The goal is to provide IMS memberships and journals for statisticians and probabilists in regions of the world where payments in hard currency would impose a difficult financial burden.

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

To sponsor this important program, please fill out the form at <http://www.imstat.org/orders/FormContribution.pdf> and send it to the IMS Dues and Subscriptions Office, at the address on page 2.





A new journal from IMS



# ***The Annals of Applied Statistics***

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For information on submitting papers  
and subscribing, please visit [http://  
www.imstat.org/aoas](http://www.imstat.org/aoas)

**[www.imstat.org/aoas](http://www.imstat.org/aoas)**

# Professional ‘Toddlers’

The Department of Statistics at the **North Carolina State University** in Raleigh, North Carolina, is now home to several assistant professors who are still within four years of their post-doctoral life. Young and undaunted, they provide the critical new blood to the department in a wide spectrum of statistical theory, methodology and applications.

Professor **Sastry Pantula**, Head of the Statistics Department, told us enthusiastically, “One of the most rewarding parts of my job as the Head of the department is recruiting the best young talent to the department. They are our department’s future. During the past few years, we have been very successful in recruiting outstanding folks like the ones profiled below. They are so energetic that they are already taking a leadership role in mentoring graduate students and postdoctoral fellows. They are also a great addition to us in terms of strengthening our core research and, our interdisciplinary research in bioinformatics and biomathematics. They have a bright future ahead of them, and my colleagues and I are thrilled to see them succeed in our profession and in our department.”

We interviewed five of the young faculty to see how they are doing. Our common questions to all of them are:

- (1) what are the most satisfying aspects of being an assistant professor in statistics?
- (2) what are the major challenges you have faced in the initial years of your academic career?

Their answers to these questions are remarkably similar. Read on...

## Howard Bondell

(PhD 2005, Rutgers University, IMS member) specializes in variable and model selection, classification, clustering, robust estimation and inference, nonparametric and semiparametric statistics, along with applications in the medical and social sciences. Most significant publication to date: “Minimum distance estimation for the logistic regression model” *Biometrika* (2005, pp. 724-731). He said, “The most satisfying thing about being an assistant professor is the freedom to work on whatever research problems that interest you”. He quoted John Tukey, “The best thing about being a statistician is that you get to play in everyone else’s backyard”. The biggest challenge in the initial years of an academic career, he said, is balancing research productivity with other responsibilities. He thinks that it will probably remain a big challenge in the years to come.



## Lexin Li (PhD

2003, University of Minnesota, new IMS member) joined the department in 2005 after completing a post-doctoral position at the University of California, Davis. His primary research interests include sufficient dimension reduction, variable selection, bioinformatics, statistical machine learning, and applications in medical sciences. Most significant publication to date: “Model-free variable selection”, *Journal of Royal Statistical Society, Series B* (2005, pp. 285-299, with Cook



and Nachtsheim). While acknowledging the major challenges as managing time efficiently and foreseeing the future of research development, he is confident that he has chosen the right path.

## Wenbin Lu (PhD

2003, Columbia University, IMS member) focuses his research on survival analysis, longitudinal data analysis, nonparametric/semiparametric inference and statistical genetics. Funded by a National Science Foundation grant, he authored and co-authored six papers in 2005 and 2006, promising a solid start for his career as a researcher. Most significant publication to date: “On semiparametric transformation cure models” (2004, *Biometrika*, with Ying). He calls the assistant professor position “a creative job” with a lot of time to research his own interests.



## Eric A. Stone (PhD

2004, Stanford University, new IMS member) seeks to develop statistical methods for the analysis of biological data, including the modeling and quantification of evolutionary constraint and the estimation of continuous trait coevolution. His primary research uses comparative genomic data to interpret phenotypic variation, with the ultimate goal of understanding the sequence changes responsible for



human disease. Most significant publication to date: “Physicochemical constraint violation by missense substitutions mediates impairment of protein function and disease severity”, *Genome Research* (2005, 15(7): pp. 978-86, with Sidow).

Commenting on his position as an assistant professor, he said “I very much enjoy the increased interaction and mentorship of students. Being a member of the statistics faculty in particular has offered the opportunity to influence the University at large through both collaborative research and teaching.”

Like everyone else in the early stage of his career, he has found it most challenging to manage his time for a fine balance between advancing a vigorous research program while teaching new classes and mentoring students.

#### Huixia Judy Wang

(PhD 2006, University of Illinois at Urbana-Champaign, new IMS member) is the department’s latest hire. Her research interests include bioinformatics, inference for quantile regression, longitudinal data analysis and mixture models. Most significant publication to date: “Detecting differential expressions in GeneChip microarray studies: a quantile approach”, *Journal of American Statistical Association* (2006, in press, with He). As an assistant professor, she values the opportunities of choosing and working on interesting problems, managing her own time, interacting with students and research



in different fields, as well as traveling. However, she views time management for multi-tasking and for a balance between research and teaching as the major challenges in the early stage of her career.

In addition to the quintuple profiled here, the department is also proud to have **Jung-Ying Tzeng** (PhD 2003, Carnegie Mellon University) and **Kevin Gross** (PhD 2003, University of Wisconsin–Madison) who strengthen the link between statistics, genetics and ecology.

All these young men and women are eager to present their work at conferences, workshops, and seminars. We are sure that you will run into some of them at the next JSM. Tell them you read about them here!

Look out for more member profiles coming soon.

## ESSENTIAL SURVIVAL READING

### The IMS New Researchers' Survival Guide

Download your free copy now from  
[http://imstat.org/publications/books/  
 NewResearchersGuide.pdf](http://imstat.org/publications/books/NewResearchersGuide.pdf)  
 or request print copies from  
 Elyse Gustafson [erg@imstat.org](mailto:erg@imstat.org)



## The IMS New Researchers' SURVIVAL Guide



# New Statistics Graduate Program

**Hal Stern reports on the new Graduate Program in Statistics at the University of California, Irvine:**

The Department of Statistics at the University of California, Irvine (UCI) ([www.stat.uci.edu](http://www.stat.uci.edu)) will offer Master of Science and Doctor of Philosophy degrees in Statistics beginning this year. The Department's proposal for a graduate degree program in Statistics was recently approved by the Office of the President of the University of California.

Students currently enrolled in the statistics concentration of the Information and Computer Science graduate degree program have already transferred into the new degree program. Beginning this year, for admission to the Fall 2007 class, students interested in graduate study in statistics can apply directly to the Department of Statistics degree program.

The Department of Statistics at UCI was formed in 2002. Currently, there are six faculty members in the Department with additional faculty recruitment underway. Faculty research areas include statistical computing, biostatistics, Bayesian methodology, and nonparametrics.

The department plans to enroll four to six PhD students and up to fifteen MS students per year. The statistics PhD degree program at UCI will train students to be leaders in the development of statistical methodology and statistical theory and to be active participants in interdisciplinary collaborations working on scientific problems in medicine/biology, engineering, the natural sciences and

the social sciences. The MS program will meet the needs of students desiring high-level training for employment.

Demand for statisticians has increased as government, industry and science have become dependent on the ability to collect, analyze, and interpret large amounts of quantitative information. Examples include studies of climate prediction in the natural sciences, combination of genetic and clinical information in medicine, and mining information in business and industry to improve products and services. The Department of Statistics program is ready to help meet this increased demand. As part of the Donald Bren School of Information and Computer Sciences at UCI, the statistics program emphasizes modern computing and applications involving large-scale data analysis.

UCI is located in temperate Orange County between Los Angeles and San Diego, California. The campus is only five miles from the Pacific Ocean and Newport Beach, CA. Interested students are encouraged to contact the Department Chair, Professor Hal Stern at [sternh@uci.edu](mailto:sternh@uci.edu) or 949-824-1568.

We are interested in hearing about other news and initiatives from Statistics/Mathematics/Biostatistics departments around the world. If you have news that you think would be of interest to IMS members, please get in touch: email us at [bulletin@imstat.org](mailto:bulletin@imstat.org)

## 'A Tribute to Yehuda Vardi' on DVD: order your copy now

At JSM in August this year, there was a session in memory of Yehuda Vardi (1956–2005), who made many important and ground-breaking contributions to statistics, including pioneering work in analyzing networks. **Vijay Nair, Cun-Hui Zhang, and Zhiliang Ying** honored Vardi in memoriam with talks presenting cutting-edge work in a variety of areas fitting the diversity of Vardi's interests.

Copies of the DVD are available now from IMS, for just **US\$20**. To place your order, please *fax* your Mastercard or VISA number, expiration date, name on card and shipping address to Elyse Gustafson at 216-295-5661. If you have any questions about your order, please email Elyse at [erg@imstat.org](mailto:erg@imstat.org).





# New Biostatistics Training Grant

Professor Giovanni Parmigiani writes from Johns Hopkins University in Baltimore, Maryland:

The Johns Hopkins University Department of Biostatistics recently acquired a training grant on “Predoctoral Biostatistical Training in Genetics/Genomics”.

Trainees will have the opportunity to pursue a joint MHS/PhD built upon the existing Bioinformatics MHS and Biostatistics PhD programs. The program’s goal is to produce graduates who will be full scientific partners on interdisciplinary biomedical research teams. This will be achieved by integrating rigorous training in biostatistics and bioinformatics design and analysis methods with training and direct participation in translational and cross-disciplinary research in molecular and population genetics.

The JHU biomedical research and education environment is internationally recognized in all areas required to meet our goal. The JHU program will be built on the successful PhD program in Biostatistics and MHS program in Bioinformatics, and will draw additional strength from the PhD programs in Applied Mathematics & Statistics, Human Genetics, and Genetic Epidemiology. Institutional support includes an outstanding bio-computing infrastructure and a dry laboratory space that provides a common intellectual and physical environment for researchers in all computational aspects of molecular and population genetics to work together with our trainees. The methodological core faculty has an established record of research in a broad spectrum of design and data analysis problems in genetics and genomics, often coupled with a high-impact substantive research agenda, and a demonstrated record of collaboration and contributions to translational research.

The integrated MHS/PhD program has a straightforward overall structure, consisting of four parallel sequences of courses in Genetics, Computing, Statistical Methods, and Theory. The Genetics sequence covers molecular biology and biochemistry as well as population genetics and genetic epidemiology, and includes hands-on training in wet laboratory techniques; the Computing sequence covers programming languages and tools in the context of genomics and genetics applications; the Statistical Methods sequence provides in-depth



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knowledge of statistical strategies and methodologies for experimental design and data analysis; the Theory sequence provides a rigorous foundation in the necessary mathematics, computer science, and mathematical statistics. The proposed coursework allows for considerably increased flexibility compared to standard biostatistics curricula and includes substantial additional interdisciplinary training. Training grant support will be provided for up to six trainees per year. Each will be supported for the initial 3 years; research assistantships will fund the remaining period. The program will be housed in the Department of Biostatistics and be supported by faculty in the Departments of Biostatistics, Applied Mathematics & Statistics, Epidemiology, Molecular Microbiology & Immunology, and Oncology.

Inquiries should be directed to Mary Joy Argo: [margo@jhsph.edu](mailto:margo@jhsph.edu).

Additional information is available at <http://www.biostat.jhsph.edu/>



*We've got jobs all over the  
world! Check the list at  
[www.imstat.org/jobs](http://www.imstat.org/jobs)*

# IMS Meetings around the world

IMS co-sponsored meeting:

## 3rd Cornell Probability Summer School

**UPDATED**

June 17–30, 2007

Cornell University, Ithaca, NY

The Third Cornell Probability Summer School will be held June 17–30, 2007 at Cornell University in Ithaca, NY. The three main lecturers for the Cornell Probability School are:

**Richard Bass**, Connecticut. Harmonic functions and Harnack inequalities for stochastic processes with jumps.

**Maury Bramson**, Minnesota. Stability for queueing networks.

**Michel Ledoux**, Toulouse. Concentration inequalities for random matrix and random growth models.

In addition, there will be 1–2 lectures by **Rodrigo Bañuelos**, U. of Purdue, **Chris Burdzy**, U. of Washington, Seattle, and **Ruth Williams**, U. of Californian San Diego.

More information about the program and instructions for applying for support for local expenses can be found on the web at [www.math.cornell.edu/~durrett/CPSS2007/](http://www.math.cornell.edu/~durrett/CPSS2007/)

There will be time in the program for roughly two dozen 25 minute talks. Participants interested in giving a talk should submit a title and abstract when they register. The deadline for applying for support is April 1, 2007. Decisions on support will be made soon after that date.

IMS sponsored meeting

## IMS Annual Meeting at the Joint Statistical Meetings 2007

July 29 – August 2, 2007

Salt Lake City, Utah

IMS Program Co-chairs: Tony Cai and Mark Low

[www.amstat.org/meetings/jsm/2007/](http://www.amstat.org/meetings/jsm/2007/)

The 2007 Joint Statistical Meetings will be held July 29–August 2, 2007 at the Salt Palace Convention Center located at 100 South West Temple, Salt Lake City, Utah 84101. Check the website for details.

### Key Dates for JSM07

December 1, 2006	Online submission opens for contributed abstracts and speaker registration
December 18, 2006	Invited program available online
February 1, 2007	Deadline: submission of contributed abstracts/speaker registration
May 1, 2007	JSM main registration opens
May 10, 2007	Draft manuscripts due to session chairs
May 29, 2007	Preliminary PDF program posted online
June 21, 2007	Early Bird Registration closes
July 2, 2007	Hotel reservations deadline
July 15, 2007	Final Program available online



Above: Salt Lake City, Utah. Photo: Salt Lake CVB

### Statistics and National Defense Award: Call for Nominations

The ASA Section on Statistics in Defense and National Security plans to make an award at the 2007 JSM to recognize an outstanding accomplishment or sustained contribution at the intersection of the statistical profession and national defense. Any member of the section is allowed to nominate. A nomination should include a short description of the basis for the award, contact information for both the nominator and the nominee, and suggested text for the certificate. This recognition does not include a financial award.

Electronic nominations are preferred and may be submitted at [http://math.unm.edu/awards/asa\\_sdns.htm](http://math.unm.edu/awards/asa_sdns.htm). The deadline for nomination is **April 30, 2007**. Please refer questions to Dr. Aparna V. Huzurbazar ([aparna@math.unm.edu](mailto:aparna@math.unm.edu)). The awards committee consists of Brett Amidan (Pacific Northwest National Laboratory), Aparna V. Huzurbazar (University of New Mexico), and David Siroky (Duke University).

**MCMSki II: Markov Chain Monte Carlo in Theory and Practice****January 9–11, 2008****Bormio, Italy (Italian Alps)****NEW****w** <http://musing.unipv.it/IMS-ISBA-06/index.html>

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 in the 18 years since the publication of Gelfand and Smith (1990, *JASA*), the paper that introduced these methods to mainstream statisticians.

The conference will also feature 3 plenary speakers (Peter Green, Kerrie Mengersen, Xiao-Li Meng) and invited sessions from internationally known experts covering a broad array of current and developing statistical practice:

- Recent Advances in MCMC Methodology
- Integrative genetics and bioinformatics
- Risk Management
- State Space Methods and Applications

As with the first joint IMS-ISBA meeting in Isla Verde, Puerto Rico, and the second joint in Bormio, Italy, nightly poster sessions will offer substantial opportunity for informal learning and interaction.

**2007 Spring Research Conference on Statistics in Industry and Technology****May 21–23, 2007****Iowa State University, Ames, Iowa****NEW****w** <http://www.stat.iastate.edu/SRC07/>

The 2007 Spring Research Conference on Statistics in Industry and Technology will be held May 21–23 on the campus of Iowa State University, in Ames, Iowa, and will be hosted by the ISU Department of Statistics. The SRC is an annual meeting co-sponsored by the American Statistical Association Section on Physical and Engineering Science, and the Institute for Mathematical Statistics. Conference goals are the encouragement and dissemination of statistical research pertaining to problems that arise in industry and technology. Students are encouraged to participate; a limited number of scholarships are available to graduate students who submit contributed papers and request consideration.

The beginnings of the SRC date back to a 1991 IMS “Special Topics Meeting on Statistics in Industry,” held in Philadelphia, organized by C.F. Jeff Wu. Following that successful conference, it became apparent that a regular series of meetings focused on research in methods motivated by the changing nature of technology could be valuable to statisticians and others involved in planning and analyzing studies and processes in these areas. The first co-sponsored conference held under the “SRC” title took place in Chapel Hill, NC in 1994, and the conference has been held annually since then.

Steve Vardeman, University Professor in the ISU Department of Statistics, and Department of Industrial and Manufacturing Systems Engineering, will be Program Chair for the meeting.

The website above provides information on the program, conference registration, submission of contributed papers, student scholarships, and local accommodations.

**Tenth IMS Meeting of New Researchers in Statistics and Probability****July 24–28, 2007****University of Utah, Salt Lake City, UT****NEW****w** <http://www.bios.unc.edu/~gupta/NRC>Application deadline: **February 1, 2007**

Co-chairs: Mayetri Gupta and Xiaoming Sheng, [nrc@bios.unc.edu](mailto:nrc@bios.unc.edu)

The IMS Committee on New Researchers is organizing another meeting of recent Ph.D. recipients in Statistics and Probability. The purpose of the conference is to promote interaction among new researchers, primarily by introducing them to each other's research in an informal setting. Participants will present a short, expository talk or a poster on their research and discuss interests and professional experiences over meals and social activities organized through the conference and the participants themselves. The meeting is to be held immediately prior to the 2007 Joint Statistical Meetings in Salt Lake City, UT.

**Eligibility:** Anyone who has received a Ph.D. since 2002 or expects to receive a Ph.D. by 2008

**Application info:** To apply, please submit a letter of interest, curriculum vitae and abstract for a talk or poster (all preferably in PDF format) to the email address above. Please apply promptly since the number of participants is limited. Priority will be given to first time participants. Women and minorities are encouraged to apply. Also, contingent on the availability of funds, support to defray travel and housing costs will be offered.

For more information, please visit the conference webpage, or send an email to [nrc@bios.unc.edu](mailto:nrc@bios.unc.edu)

# IMS Meetings around the world

## IMS sponsored meeting

### 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>

**e** [wc2008@ims.nus.edu.sg](mailto:wc2008@ims.nus.edu.sg)

Chair of the Local Organizing Committee: Louis Chen

Chair of the 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 statistics and probability and their applications.

The program will cover a wide range of topics and will include about a dozen plenary lectures presented by leading specialists. In addition there will be invited paper sessions highlighting topics of current research interest 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. On behalf of the Scientific Program and Local Organizing Committees we invite you to join us in Singapore for this exciting meeting. Your participation will ensure that the 2008 BS/IMS meeting will be a memorable scientific event.



The merlion, symbol of Singapore  
Photo: [www.visitsingapore.com](http://www.visitsingapore.com)

## IMS co-sponsored meeting

### Multivariate Statistical Methods in the 21st Century: The Legacy of Professor S N Roy December 28–29, 2006: Eastern Zonal Cultural Center, Govt. of India, Salt Lake City (Kolkata), India

**w** [http://www.isical.ac.in/~multstatconf/an\\_international\\_conference\\_titl.htm](http://www.isical.ac.in/~multstatconf/an_international_conference_titl.htm)

IMS Reps on Program Committees: Barry C. Arnold, Ashis SenGupta, J.K. Ghosh, K.V. Mardia and P.K. Sen

This international conference will be held in celebration of the birth centenary of Prof S.N. Roy. The conference will also launch a year-long series of international conferences being arranged to mark the Platinum Jubilee of the Indian Statistical Institute. A number of distinguished statisticians, including Prof. C.R. Rao, have already agreed to participate in this conference. The registration fees have been kept low: \$60 without accommodation and \$120–\$150 with modest accommodation (for the three nights, Dec. 27–29). The Conference will be preceded by a Workshop on Multivariate Methods during Dec 23–27 at Indian Statistical Institute, Kolkata. We invite you to join us in this S.N. Roy-fest in his academic home town of Kolkata.

## IMS co-sponsored meeting:

### X CLAPEM: Latin American Congress of Probability and Mathematical Statistics February 25 – March 3, 2007 Lima, Peru

**UPDATED**

**w** [http://www.pucp.edu.pe/eventos/congresos/matematica/clapem/reg\\_ing.htm](http://www.pucp.edu.pe/eventos/congresos/matematica/clapem/reg_ing.htm)

Program Chair: Antonio Galves; IMS

Chairs: Thomas Kurtz & Alicia Carriquiry

CLAPEM is the main event for Latin American probability and mathematical statistics. It attracts researchers and students from the most important centers in the region. The program includes courses, talks and thematic sessions. The talks cover different areas of statistics and probability with an emphasis on the areas developed in Latin America. Two courses will be delivered, by **Jim Ramsay** (McGill University) *Functional data analysis* and **Claudio Landim** (IMPA) *Interacting particle systems in random environments*. Plenary Talks from **David Brillinger** (Berkeley); **Pierre Collet** (CNRS/Ecole Polytechnique); **Antonio Cuevas** (Madrid); **Arnoldo Frigessi** (Oslo); **Montserrat Fuentes** (North Carolina); **Nancy Garcia** (Campinas); **Wilfrid Kendall** (Warwick); **Tom Kurtz** (Wisconsin–Madison); **Domenico Marinucci** (Roma “Tor Vergata”); **John Rice** (Berkeley); and **Alexandra Schmidt** (Rio de Janeiro).

## At a glance: forthcoming IMS Annual Meeting dates

### 2007

#### IMS Annual Meeting @

**JSM:** Salt Lake City,  
July 29–August 2,  
2007

**w** [www.amstat.org/meetings/jsm/2007/](http://www.amstat.org/meetings/jsm/2007/)

### 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,  
August 3–7, 2008

### 2009

**IMS Annual Meeting  
@ JSM:** Washington,  
August 2–6, 2009

### 2010

**IMS Annual Meeting:**  
Location TBA,  
dates TBA

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

### 2011

**IMS Annual Meeting @  
JSM:** Miami Beach,  
FL, July 31–  
August 4, 2011





IMS co-sponsored meeting:

## 2007 ENAR/IMS Spring Meeting: Statistical Science—Solving Problems That Matter

March 11–14, 2007, Hyatt Regency Atlanta, Georgia

**UPDATED**

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

We are very pleased to invite you to Atlanta, Georgia, March 11–14, 2007 for the ENAR Spring Meeting in conjunction with Sections of ASA and IMS! We have an exciting program planned, with strong representation from IMS, and we look forward to seeing many of you there.

Our **Presidential Invited Speaker** is **Frank Rockhold**, Senior Vice President of GlaxoSmithKline Pharmaceuticals Research and Development. In addition, ENAR is honored to host the **IMS Medallion Lecture** of **Robert Tibshirani**, Professor of Health Research and Policy and Statistics at Stanford University: he will speak on “*Prediction by supervised principal components*” on the Tuesday afternoon.

As well as our two keynote lectures, we are looking forward to a strong group of invited sessions in emerging statistical methods and innovative applications. IMS has organized an exciting set of invited sessions and will co-sponsor several others. These sessions are at the frontiers of our field and include sessions on high-dimensional data, machine learning, various “-omics” technologies, and a thought-provoking panel discussion, “Rethinking the FDA.” The preliminary program (pictured below) is available at the ENAR website.



ENAR short courses include applied longitudinal analysis by Garrett Fitzmaurice of Harvard University, missing data by Joe Ibrahim of the University of North Carolina, design and analysis of non-inferiority trials by James Hung and Sue-Jane Wang of the FDA, design of targeted clinical trials by Rich Simon

of NCI, latent variable modeling by Bengt Muthén of UCLA, and semiparametric theory by Butch Tsiatis of North Carolina State University. Our tutorials on Monday and Tuesday include a very hands-on WinBUGS workshop led by Brad Carlin of Minnesota, an introduction to using HapSTAT for haplotype analysis by Danyu Lin of the University of North Carolina, a foray into the land of directed acyclic graphs for causal inference by Miguel Hernán of Harvard University, and analysis of epidemic models and infectious disease data by Betz Halloran of the University of Washington. Roundtable discussion topics include grant-writing tips (one for statistical methodology grants, led by Marie Davidian of NCSU, and another for collaborative proposals, led by Tom Ten Have of U. Penn.) and roads to successful publishing, led by Joel Greenhouse of CMU.

We are also very pleased to offer the “**Fostering Diversity in Biostatistics**” workshop on Sunday, March 11. Please help us publicize this workshop by contacting students and faculty with ties to historically underrepresented ethnic groups so that we can exchange ideas and help them learn more about our field.

For the Tuesday evening social outing, we will dine at a nearby restaurant in a historic building in downtown Atlanta, complete with a jazz band (featuring our own Dave Kleinbaum!) for entertainment. We also urge all members to take a little extra time to enjoy Atlanta before or after the workshop. Of particular note are the new Georgia Aquarium, the world’s largest aquarium, and a number of historical sites, including the Martin Luther King, Jr. National Historic Site and the home of Margaret Mitchell, author of *Gone with the Wind*.

Welcome to Atlanta!

*The 2007 ENAR Program Committee would like to thank IMS for its continuing support and would like to extend a special thanks to David Banks, our IMS Program Chair for the meeting, whose hard work, keen insights, and good humor have led to an outstanding program.*

### Future ENAR/IMS co-sponsored Meetings:

#### 2008 ENAR/IMS Spring Meeting

March 16–19, 2008, Hyatt Regency Crystal City, Arlington, VA

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

#### 2009 ENAR/IMS Spring Meeting

March 15–18, 2009, Grand Hyatt San Antonio, San Antonio, TX

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

## IMS co-sponsored meeting

**International Indian Statistical Association Joint Statistical Meeting and International Conference on Statistics, Probability and Related Areas  
January 2–5, 2007: Cochin, India**

W <http://www.stat.ohio-state.edu/~hnn/IISACConf2007.pdf>

The International Indian Statistical Association (IISA) in collaboration with other Statistical organizations in India, will hold its Biennial Joint Statistical Meeting during January 2–5, 2007, followed by a **Workshop in Financial Mathematics on January 6, 2007**. The conference will be organized by Department of Statistics, Cochin University of Science and Technology, Cochin, India. The venue for the conference is the Hotel Renaissance in Cochin, a beautiful coastal town in Southern India. The sessions will cover a wide range of topics and the International Advisory Committee consists of Professors James Berger, Peter Bickel, Kjell Doksum, Peter Hall, and C.R. Rao.

The International Organizing Committee is chaired by Professor J. K. Ghosh while the Program Committee is chaired by Professor S. Rao Jammalamadaka. Please contact him at [rao@pstat.ucsb.edu](mailto:rao@pstat.ucsb.edu) or the Co-Chair Dr P.G. Sankaran at [pgsankaran@cusat.ac.in](mailto:pgsankaran@cusat.ac.in) if you would like to participate or receive an invitation to attend. More details can be found at the conference website given above.

## IMS co-sponsored meeting

32nd Conference on Stochastic Processes and their Applications

**32nd Conference on Stochastic Processes and their Applications**

**August 5–11, 2007**

**Urbana, Illinois**

W <http://www.math.uiuc.edu/SPA07/>

E [spa07@math.uiuc.edu](mailto:spa07@math.uiuc.edu)

Featuring two IMS Medallion lectures from **Russ Lyons** and **Victor de la Peña**, the Lévy lecture by **Martin Barlow** and the inaugural Doob lecture by **Marc Yor**.

Other invited speakers include Thierry Bodineau, Shizan Fang, Antal Jaraı, Tze Leung Lai, Avi Mandelbaum, Sylvie Meleard, Martin Mohle, David Nualart, Yann Ollivier, Hirofumi Osada, Jim Pitman, Silke Rolles, Scott Sheffield, Vladas Sidoravicius, Gordon Slade, Craig Tracy and David Yao.

**Registration fees:**

*Before April 30, 2007:* regular \$150; student \$50. *After April 30, 2007:* regular \$200; student \$75

**Abstract Deadline: May 31, 2007**

**WNAR / IMS 2007**

Hosted by  
**Department of Statistics**  
**University of California, Irvine**

**June 24<sup>th</sup>–27<sup>th</sup>**  
On the campus of  
**University of California, Irvine**

**UCIrvine**  
UNIVERSITY OF CALIFORNIA, IRVINE

*Local attractions:  
Southern California is  
famous for sunny forecasts  
and warm temperatures  
which give rise to a variety  
of outdoor attractions  
including: local beaches,  
biking, Disneyland,  
professional sports teams,  
and more.*

**Meeting Highlights**

**Short Course on Causal Inference**  
Sunday, June 24<sup>th</sup>  
Taught by Professor Donald Rubin,  
Department of Statistics, Harvard University

**WNAR Presidential Invited Address**  
Monday, June 25<sup>th</sup>  
Presented by Professor Terry Speed,  
Department of Statistics, UC Berkeley

**New Researchers Luncheon**  
Tuesday, June 26<sup>th</sup>

- Opportunity for young researchers to meet new colleagues
- Round table discussions with senior faculty members

**Student Paper Competition**

- Cash awards given for best manuscript and best oral presentation
- Free registration for competing students

**Sample Invited Session Themes:**

- Statistical learning and bioinformatics
- New advances in longitudinal and survival analysis
- Bayesian methods for statistical genetics
- Missing data

For more information visit  
**[www.ics.uci.edu/wnar](http://www.ics.uci.edu/wnar)**

Traveling to Irvine, CA: Irvine is accessible via three international airports that are serviced by most major air carriers:  
John Wayne Airport (SNA) 10 min • Long Beach Airport (LGB) 30 min • LA International Airport (LAX) 55 min

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

## Skorokhod Space: 50 Years On

June 17–23, 2007

Kyiv, Ukraine

**NEW**

[w](http://www.imath.kiev.ua/~skor_space/index.html) [http://www.imath.kiev.ua/~skor\\_space/index.html](http://www.imath.kiev.ua/~skor_space/index.html)

In June 17–23, 2007, the Institute of Mathematics of the National Academy of Sciences of Ukraine together with some other scientific and educational institutions of Ukraine will hold the international conference, “Skorokhod Space: 50 years on”. The main topics: the method of a single probability space; topologies on the Skorokhod space; the Skorokhod reflection problem; measures in infinite dimensional spaces; the Skorokhod embedding problem; extended stochastic integrals; Markov processes and stochastic differential equations; limit theorems. The notions of Skorokhod space, Skorokhod topology, Skorokhod integral and others mentioned above are well-known to probabilists. All of them were originated from Skorokhod’s publications created in his Kyiv period of work. The aim of the forthcoming conference is to gather experts in those fields of modern stochastic processes theory which arose from the mentioned notions, to discuss the new trends in probability.

Registration deadline: **February 1, 2006**. Abstract Submission deadline: **March 1, 2007**

Contact:

Skorokhod Space Conference, Institute of Mathematics, National Academy of Sciences of Ukraine, 3 Tereshchenkivska Str., 01601, Kyiv-4, Ukraine. **t** +380-44-234-53-72, **f** +380-44- 235-20-10  
**e** [skor\\_space@imath.kiev.ua](mailto:skor_space@imath.kiev.ua)

## LASR 2007 - Systems Biology & Statistical Bioinformatics

4–6 July, 2007

Leeds, UK

**NEW**

[w](http://www.maths.leeds.ac.uk/lasr2007) <http://www.maths.leeds.ac.uk/lasr2007>

Contact: Stuart Barber **e** [workshop@maths.leeds.ac.uk](mailto:workshop@maths.leeds.ac.uk)

The 2007 Leeds Annual Statistical Research Workshop will focus on developments in interdisciplinary statistics and in particular the interface between statistical methodology and bioinformatics.

## Workshop on Statistical Extremes and Environmental Risk

15–17 February, 2007

University of Lisbon, Portugal

**NEW**

Contact: M. Isabel Fraga Alves, **e** [isabel.alves@fc.ul.pt](mailto:isabel.alves@fc.ul.pt)

[w](http://seer2007.fc.ul.pt/) <http://seer2007.fc.ul.pt/>

The workshop will bring together some leading experts on extreme value theory and other experts working on environmental sciences. The objective of the workshop is to look at recent advances on all aspects of extreme value theory with specific emphasis on its application in environmental sciences. One of the main objectives of the workshop is to encourage interaction of statisticians working on extreme value theory with non-statisticians working in environmental sciences to promote the correct and up-to-date use of methods available in extreme value theory in practice. The workshop will be composed of invited talks and contributed paper sessions, as well as discussion groups. It is hoped that the discussion groups will promote the desired interaction and lively discussions on new trends of extreme value theory and their application.

## 2007 Taipei International Statistical Symposium and ICOSA International Conference

25–27 June, 2007

Academia Sinica, Taiwan

**NEW**

[w](http://www.stat.sinica.edu.tw/2007symp) <http://www.stat.sinica.edu.tw/2007symp>

The 2007 Taipei International Statistical Symposium and ICOSA International Conference will be held, from 25 June to 27 June, 2007 in Academia Sinica, Taipei, Taiwan, R.O.C.

Keynote Speakers: **Peter J. Bickel** ( Department of Statistics, University of California, Berkeley), and **C.F. Jeff Wu** ( School of Industrial and Systems Engineering, Georgia Institute of Technology, Atlanta ). The topics for invited and contributed paper sessions are listed at the website. Deadline for abstracts is **31 March 2007**.

Program Chair, Chi-Lun Cheng: [2007symp@stat.sinica.edu.tw](mailto:2007symp@stat.sinica.edu.tw)

## Southern California Probability Symposium in Memory of Ted Harris

February 11, 2007

Los Angeles, CA

**UPDATED**

This year’s Southern California Probability Symposium will be special in two ways. First, it will be held Sunday February 11, 2007, [*not February 17, as previously announced*] at USC, in place of its usual December date. Second, and more important, it will be held in memory of Ted Harris, including a special lunch event. More details will follow, but for now, please mark the date on your calendars. This year’s organizers are Ken Alexander ([alexandr@usc.edu](mailto:alexandr@usc.edu)), Richard Arratia ([rarratia@usc.edu](mailto:rarratia@usc.edu)), and Peter Baxendale ([baxendal@usc.edu](mailto:baxendal@usc.edu)).





### 56th Session of the International Statistical Institute August 22–29, 2007, Lisbon, Portugal

**w** <http://www.isi2007.com.pt/>

The 56th Session of the International Statistical Institute will take place in Lisbon next August. This Session will be an excellent occasion for delegates to make new contacts and to discuss fresh developments in the world of statistics. Registration and abstract submission are now open. There are nine Satellite meetings arranged before or after the ISI Session in Lisboa, Portugal. Contact information for all these meetings is listed on the Lisboa2007 website at [http://www.isi2007.com.pt/isi2007/index.php?option=com\\_content&task=view&id=57&Itemid=65](http://www.isi2007.com.pt/isi2007/index.php?option=com_content&task=view&id=57&Itemid=65)

#### ISI Satellite meeting:

##### **Advances in Semiparametric Methods and Applications**

**20–21 August 2007**

**ISEG (School of Economics and Management)**

**w** <http://pascal.iseg.utl.pt/~cemapre/asma2007/>

*Sponsoring Committee: Bernoulli Society*

**Aim:** The aim of this conference is to present the statistical and mathematical principles of smoothing with a focus on applicable techniques in fields like econometrics, time series, finance, environmental sciences, biometrics, spatial analysis, among others. The meeting will provide a varied and stimulating scientific program of invited and contributed papers, reflecting the multidisciplinary of semiparametric methods and their applications.

#### ISI Satellite meeting:

##### **Statistics for Data Mining, Learning and Knowledge Extraction**

**30 August – 1 September 2007**

**Aveiro, Portugal**

**w** <http://www.mat.ua.pt/iasco7/>

*Sponsoring Committee: International Association for Statistical Computing (IASC)*

**Aim:** The purpose of this meeting is to foster the interaction of researchers in the interface between computational statistics, data mining, knowledge discovery and statistical learning. **e** [iasco7@mat.ua.pt](mailto:iasco7@mat.ua.pt)

#### ISI Satellite meeting:

##### **Probability and Statistics in Science and Technology**

**30 August - 1 September 2007**

**FEUP (Faculty of Engineering of the University of Porto)**

**w** <http://paginas.fe.up.pt/~bsconf07/>

*Sponsoring Committee: Bernoulli Society*

**Aim:** The aim of the meeting is to promote research that responds to needs to solve practical problems in developments in technology and in different scientific areas.

#### ISI Satellite meeting:

##### **Assessing Student Learning in Statistics**

**19–20 August 2007 (Provisional date)**

**DMCT, Departamento de Matemática para a Ciência e Tecnologia (Universidade do Minho, Guimarães)**

*Sponsoring Committee: International Association for Statistical Education (IASE)*

**Aim:** This satellite conference invites papers on all aspects of assessing student learning in statistics. For example, we expect to have papers on writing effective exam questions, on exam implementation strategies, and on alternative assessment methods such as projects, lab assignments, and writing assignments. We also encourage submissions on how to use assessment to improve student learning, and on developing and administering assessments items to conduct research into student learning.

#### ISI Satellite meeting:

##### **ISBIS 2007**

**18–20 August 2007**

**The University of Azores, Azores**

**w** <http://www.isbis2007.uac.pt/intro.php>

*Sponsoring Committee: International Society for Business and Industrial Statistics (ISBIS)*

The International Society for Business and Industrial Statistics (ISBIS), a new Section of ISI, is planning a satellite meeting to the ISI biennial Session in Lisbon in 2007.

#### ISI Satellite meeting:

##### **Conference on Small Area Estimation**

**3–5 September 2007**

**University of Pisa, Faculty of Economics, Italy**

*Sponsoring Committee: International Association of Survey Statisticians (IASS)*

**Aim:** The purpose of this Conference is to stimulate research and, in an informal setting, to promote the interaction of researchers both in (i) theoretical and methodological developments in small area estimation and related fields, and in (ii) practical applications of small area estimation methods, including their potential uses in various research areas (agricultural, environmental, health statistics, marketing research, poverty mapping, ...)

#### ISI Satellite meeting:

##### **International Conference on Statistical Methods for Risk Analysis Conference (ICSMRA)**

**30–31 August 2007**

*Listing continues on next page*



### Faculty of Medicine of Lisbon, Lisbon

*Sponsoring Committee: Risk Assessment Committee of the ISI, Life Science Committee of the ISI, Portuguese Association of Classification and Data Analysis, Centre of Statistics and Applications - University of Lisbon FM-UL, Lab of Biomathematics and Institute for Preventive Medicine*

**Aim:** The ICSMRA is to provide a forum on statistically based concepts and recent statistical methods for risk analysis. This comprises mathematical, statistical and computational methods for the evaluation of risks to humans both, on the individual and the population level. Therefore, the conference is to stimulate research on the interface between mathematics and statistics and the various fields of risk analysis as well as to discuss improvement of the transfer of risk analysis methodology to the risk management and damage prevention process. The conference is outlined in tracks which aim to gather specialists of the field for intensive discussions of their research. Each track should also attract researchers of neighboring or complementing disciplines as well as applicants of risk analysis outcomes for an exchange of ideas. A publication of selected refereed papers in a special form is planned.

### ISI Satellite meeting:

#### **Computational Environmetrics: Protection of Renewable Environment and Human and Ecosystem Health (TIES07)**

**16–20 August 2007**

**Mikulov, Czech Republic**

*Sponsoring Committee: The International Environmetrics Society (TIES)*

**Aim:** The scope of the conference is within the core of the ISI interest for a major part of program deals with statistical issues for environmental protection, risk analysis and will focus water, air, soil and global ecosystems.

### ISI Satellite meeting:

#### **Innovative methodologies for censuses in the new millennium**

**31 August – 2 September 2007**

**S3RI, University of Southampton, UK**

**w** <http://www.s3ri.soton.ac.uk/isi2007/>

*Sponsoring Committee: International Association for Official Statistics (IAOS), International Association of Survey Statisticians (IASS)*

Population censuses are a key source of detailed demographic and socio-economic information, despite increasing difficulties in conducting them. The aim of this meeting is to highlight and focus on the methodological advances that are taking place around the world, and raise awareness regarding best practices in census methodology. It intends to bring together leading experts in census methodology from around the world, and to cover all the methodological aspects of the census process.

The next major round of censuses will

**NEW**

be in 2010/2011. Holding such a meeting in the second half of 2007 is therefore an ideal timing for discussing methodological developments that are already taking place, and the challenges facing the methodology of future censuses. The language of the meeting will be English.

#### **Paper Submission:**

Abstracts of papers will be submitted online at the conference website above. They should contain a title, names of authors with their affiliation and addresses, and an abstract not exceeding 500 words.

- Abstracts must be received by **9 March, 2007**.
- Notification of acceptance will be sent by 5 April, 2007.
- Full papers must be received by 1 June, 2007.

#### **Contacting the organizers:**

Please contact the organizers by e-mail: [censusmeet@s3ri.soton.ac.uk](mailto:censusmeet@s3ri.soton.ac.uk)

### Workshop on Random Matrices

**June 2–5, 2007**

**Cornell University, NY**

The probability group at Cornell has a grant from the Infrastructure program at NSF which supports two short conferences a year in addition to the Probability Summer School. Alice Guionnet is the organizer for a meeting to be held June 2–5, 2007. Other speakers include:

Gerard Ben Arous (NYU, EPFL); Balint Virag (Toronto); Dimitri Shlyakhtenko (UCLA); Alex Gamburd (UCSC); Jinho Baik (Michigan); Kenneth McLaughlin (Arizona); Nourredine El Karoui (Berkeley); Harold Widom (UCSC).

Funds are available to pay the local expenses of postdocs and young researchers who wish to attend this meeting, which will run from Sunday morning to mid-day Tuesday. Those who wish to attend should send an email message to [rtd1@cornell.edu](mailto:rtd1@cornell.edu) and [lsc@math.cornell.edu](mailto:lsc@math.cornell.edu), which explains why they would benefit from attending, includes the name of their thesis advisor or postdoctoral mentor, and has a CV attached.

### Stochastic Partial Differential Equations

**April 22–25, 2007**

**Cornell University, NY**

There will also be a meeting on Stochastic PDE's, April 22–25 organized by Jonathan Mattingly (Duke) and Ed Perkins (U. of British Columbia). For more details on the program, visit [www.math.cornell.edu/~durrett/](http://www.math.cornell.edu/~durrett/)

### Fifth Workshop on Bayesian Inference in Stochastic Processes

València, Spain

June 14–16, 2007

**NEW**

**w** <http://www.uv.es/bisp5/>

The workshop aims to encourage discussion and promote further research in the field of Bayesian inference in stochastic processes and on the use of stochastic processes for Bayesian inference. The workshop, organized by the Universitat de València, is endorsed by ISBA (International Society for Bayesian Analysis).

Confirmed speakers: , Jim Berger, Richard Boys, Nicolas Chopin, Arnaud Doucet, Paul Fearnhead, Andrew Golightly, John Lau, Juan Miguel Marín, Miguel-Angel Martínez Beneito, Raquel Montes, Rui Paulo, Raquel Prado, Fabio Rigat, Tobias Rydén, Marc Suchard, Zhen Wang.

Registration is limited to 80 participants. Advance hotel booking is strongly recommended.

### IWSM 2007: International Workshop on Statistical Modelling

July 2–6, 2007

Barcelona, Spain

**NEW**

**w** <http://mat.uab.es/~iws2007/>

Also features a short course on Sunday, July 1 2007: Models for repeated discrete data, presented by Geert Verbeke (KU Leuven) and Geert Molenberghs (Limburgs Universitair Centrum).

Deadline for abstract submission: **February 9, 2007**

### Graduate Summer School: Probabilistic Models of Cognition: The Mathematics of Mind

July 9–27, 2007

Institute for Pure and Applied Mathematics (IPAM), Los Angeles, CA

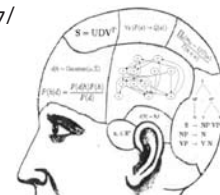
**NEW**

**w** <http://www.ipam.ucla.edu/programs/gss2007/>

“Probabilistic Models of Cognition: The Mathematics of Mind” will involve leaders from Cognitive Science and experts from Computer Science, Mathematics and Statistics, who are interested in making bridges to Cognitive Science. The goal is to develop a common mathematical framework for all aspects of cognition, and review how it explains empirical phenomena in the major areas of cognitive science - including vision, memory, reasoning, learning, planning, and language. The summer school is intended for graduate students and postdocs, as well as more senior researchers interested in focusing their efforts on these mathematical challenges and crucial applications.

Applications will be accepted up until **May 28, 2007**, but please apply as early as possible. An online application/registration form is being prepared. If you'd like to be notified when it is ready please send a message to: [gss2007@ipam.ucla.edu](mailto:gss2007@ipam.ucla.edu)

Organizing Committee: Josh Tenenbaum (Massachusetts Institute of Technology), Alan Yuille (UCLA)



### Fifth Conference on Extreme Value Analysis

July 23–27, 2007

Bern, Switzerland

**NEW**

**w** [www.imsv.unibe.ch/eva2007](http://www.imsv.unibe.ch/eva2007)

The Fifth International Conference on Extreme Value Analysis (EVA) will be hosted by the Department of Mathematical Statistics and Actuarial Science of the University of Bern, Switzerland.

As in the previous EVA meetings, the 2007 meeting will schedule review papers and original research on all aspects of risk and extreme value theory. The emphasis will be on probabilistic modeling, statistical analyses and applications.

It is the aim of the conference to bring together a wide range of researchers, practitioners, and graduate students whose work is related to the analysis of extreme values in a wide sense.

### The Third Erich L. Lehmann Symposium

May 16–19, 2007, Rice University

**NEW**

This four-day conference is the third of a series of symposia. The goal of the symposium is to examine the role that Optimality can play, or should play, in modern statistics. Due to the advent of high throughput data collection technology and the parallel development of computing power to analyze such data, it often happens that statistical theory gives way to raw computing power. Although most of the new exciting statistical methodologies have provided tools to make headway in many important scientific problems, a need to generalize and systematize this knowledge is now quite evident.

The symposium will take place at Rice University and will bring together a group of experts to discuss cutting-edge research optimality ideas in the context of modern statistical methodologies. The program consists of 8 invited sessions and 8 plenary sessions. Contributed talks are encouraged. Refereed papers will be published. Invited plenary speakers include: Lawrence D. Brown, James O. Berger, Stephen Stigler, Willem van Zwet, David R Cox, Erich Lehmann, and Rodrigo Bañuelos.

Pending funding from NSF, women and underrepresented young investigators and PhD students are encouraged to apply for travel funding. Please email questions to Javier Rojo – Organizer and Chair, [jrojo@stat.rice.edu](mailto:jrojo@stat.rice.edu). Titles and abstracts for contributed talks can also be emailed to the above address.

A webpage for the Symposium <http://www.stat.rice.edu/~jrojo/3rd-Lehmann> will soon be coming on-line.

# Employment Opportunities around the world

## Directory of Advertisements

### Belgium

**Louvain:** Université Catholique de Louvain

### Canada

**Ontario:** University of Waterloo;  
York University [2 ads]

### Hong Kong

**Shatin:** Chinese University of Hong Kong

### United Kingdom

**Nottingham:** University of Nottingham

**Warwick:** University of Warwick

### USA

**Arizona:** Arizona State University

**Illinois:** University of Chicago

**Maryland:** Johns Hopkins University [2 ads];  
University of Maryland

**Massachusetts:** Harvard University

**Michigan:** Michigan Technical University

**New Jersey:** Rutgers University

**New York:** Cornell University

**North Carolina:** SAMSI [5 ads]

**Ohio:** Ohio State University

**Pennsylvania:** University of the Sciences

**Rhode Island:** Roger Williams University

**Texas:** Texas A&M University;  
Trinity University

### Belgium: Louvain



Université catholique de Louvain,  
Institute of Statistics,  
Belgium

## Vacancy of a full time faculty position in BIOSTATISTICS

(beginning September 2007)

The Institute of Statistics, a center of excellence at one of the leading Belgian research universities, invites applications for a tenure-track or tenured position in BIOSTATISTICS at any level. The successful candidate is expected to play a fundamental role in the development of the biostatistical activities within the Institute of Statistics and in collaboration with the School of Public Health of UCL.

She/he will be strongly involved in research, actively participate in the new master in biostatistics of UCL and initiate collaborations with partners outside academia. She/he will teach statistical courses on both introductory and advanced level. She/he will be integrated into the interdisciplinary role of the Institute of Statistics and, as such, participate in its general activities (doctoral school, seminars, workshops, consultancy, continuing education, ...).

For more details, contact:  
Prof. Michel Denuit, Institute of Statistics,  
Voie du Roman Pays 20, B-1348 Louvain-la-Neuve, Belgium.  
Tel: 32 10 47 28 35, fax: 32 10 47 30 32,  
e-mail: [denuit@stat.ucl.ac.be](mailto:denuit@stat.ucl.ac.be)

### Detailed job description:

<http://www.uclouvain.be/en-emploi-academiques.html>

The deadline for application is January 19, 2007

**Canada: Waterloo, ON****University of Waterloo****Institute for Quantitative Finance and Insurance**

The Institute for Quantitative Finance and Insurance (IQFI) at the University of Waterloo invites applications for post-doctoral fellowships. Salary will be commensurate with experience. Appointments are expected to commence before April 1, 2007, and will be for one year. At this time, it is anticipated that funding will be available for up to three fellowships.

A Ph.D. in Actuarial Science, Computer Science, Engineering, Finance, Mathematics, Statistics, or equivalent, is required, with evidence of research ability in a field related to Quantitative Finance and Insurance.

An application for a fellowship should include a curriculum vitae, statement on research, and the names and contact information for at least three referees. Applications will be considered as soon as possible after they are complete, and as long as positions are available. Selection of the Fellows will be based on academic excellence, and fit with the research interests of the members of the IQFI. Please see our website <http://iqfi.uwaterloo.ca> for more information.

Applications should be sent by electronic mail to [iqfi@uwaterloo.ca](mailto:iqfi@uwaterloo.ca) or by post to

*Recruiting*

*Institute for Quantitative Finance and Insurance*

*University of Waterloo*

*200 University Avenue West*

*Waterloo, Ontario*

*Canada N2L 3G1*

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

**Canada: Toronto, ON****York University****Statistics**

Applications are invited for one tenure-track appointment in Statistics at the Assistant Professor level in the Department of Mathematics and Statistics, Faculty of Science and Engineering, to commence July 1, 2007. The successful candidate must have a PhD, a proven record of independent research excellence, and evidence of potential for superior teaching. Preference will be given to candidates who can strengthen existing areas of present and ongoing research activity. The successful candidate should be suitable for prompt appointment to the Faculty of Graduate Studies. All positions at York are subject to budgetary approval. Applications must be received by **January 16, 2007**. Applicants should send a curriculum vitae, an outline of their research plan and a description of teaching interests, and arrange for three letters of recommendation (one of which should address teaching) to be sent directly to:

*Statistics Search Committee*

*Department of Mathematics and Statistics*

*N520 Ross, York University*

*4700 Keele Street*

*Toronto, Ontario*

*M3J 1P3 Canada*

[stat.recruit@mathstat.yorku.ca](mailto:stat.recruit@mathstat.yorku.ca)

[www.math.yorku.ca/Hiring](http://www.math.yorku.ca/Hiring)

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



**Canada: Toronto, ON****York University****Actuarial or Financial Mathematics**

Applications are invited for a tenure-track appointment in Actuarial or Financial Mathematics at the Assistant Professor level in the Department of Mathematics and Statistics, Faculty of Science and Engineering to commence July 1, 2007.

The successful candidate must have a Ph.D. as well as a proven record of research excellence and superior teaching ability.

The successful candidate should be suitable for prompt appointment to the Faculty of Graduate Studies. All positions at York are subject to budgetary approval. Applications must be received by **February 15, 2007**.

Applicants should send a curriculum vitae, an outline of their research plan and a description of teaching interests, and arrange for three letters of recommendation (one of which should address teaching) to be sent directly to:

*Actuarial/Financial Math Search*

*Committee*

*Department of Mathematics and Statistics*

*York University*

*4700 Keele Street*

*Toronto, Ontario*

*Canada, M3J 1P3*

Fax: (416) 736-5757

E-mail: [actuarial/financial.recruit@mathstat.yorku.ca](mailto:actuarial/financial.recruit@mathstat.yorku.ca)

[www.math.yorku.ca/Hiring/](http://www.math.yorku.ca/Hiring/)

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

**Hong Kong: Shatin****THE CHINESE UNIVERSITY OF HONG KONG**

Applications are invited for:-

**Department of Statistics**  
**Assistant Professor / Instructor**

(Ref. 06/224(408)/2)

Applicants should have (i) a PhD degree; and (ii) strong research and teaching records or potential in statistics and closely related areas. Applicants with exceptionally strong credentials may be considered for appointment at a higher level as Associate Professor or Professor. The appointee will (a) teach undergraduate and postgraduate courses in the areas of statistics and risk management; (b) conduct high quality research as appropriate; and (c) assist in the administration of the Department. Appointment will normally be made on contract basis for up to three years initially, leading to longer-term appointment or substantiation (not applicable for Instructor) later subject to demonstrated performance and mutual agreement. Applications will be accepted until the post is filled.

**Salary and Fringe Benefits**

Salary will be highly competitive, commensurate with qualifications and experience. The University offers a comprehensive fringe benefit package, including medical care, plus a contract-end gratuity for appointments of two years or longer; and for Assistant Professorship: housing benefits for eligible appointees.

Further information about the University and the general terms of service for appointments is available at <http://www.cuhk.edu.hk/personnel>. The terms mentioned herein are for reference only and are subject to revision by the University.

**Application Procedure**

Please send full resume, copies of academic credentials, a publication list and/or abstracts of selected published papers [not required for the post of Instructor], together with names, addresses and fax numbers/e-mail addresses of three referees to whom the applicants' consent has been given for their providing references (unless otherwise specified), to the Personnel Office, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong (Fax: (852) 2603 6852). The Personal Information Collection Statement will be provided upon request. Please quote the reference number and mark 'Application – Confidential' on cover.

**UK: Nottingham**

**University of Nottingham**  
**School of Mathematical Sciences**  
**Division of Statistics**  
**Professor of Statistics**



**The University of  
Nottingham**

Applications are invited for a new Chair of Statistics. Candidates are expected to have a proven track record of internationally-leading research in statistics, of academic leadership, of effective teaching at undergraduate level, and of successful supervision of postgraduate students. We would be particularly interested in receiving applications from candidates with research interests in bioinformatics and/or image analysis, in order to build on and expand existing activity within these areas, although candidates with interests in any area of statistics are encouraged to apply.

Salary will be within the Professorial range, minimum £49,116 per annum. This post is available from 1 July 2007 or as soon as possible thereafter.

Informal enquiries may be addressed to Professor A T A Wood, tel: 0115 951 4983, fax: 0115 951 4951 or Email: [Andrew.Wood@Nottingham.ac.uk](mailto:Andrew.Wood@Nottingham.ac.uk). Information about the School is available at: <http://www.maths.nottingham.ac.uk>.

For more details and/or to apply on-line please access: <http://jobs.nottingham.ac.uk/JK221/> or contact the Human Resources Department, The University of Nottingham, King's Meadow Campus, Lenton Lane, Nottingham, NG7 2NR. Tel: 0115 951 3262. Fax: 0115 951 5205. Please quote ref. JK/221. Closing date: **29 January 2007**.

This post is open until filled – review of applications from 29 January 2007.

**UK: Warwick**

Statistics

**Assistant Professor**

£32,471 - £38,772 pa

Ref: 34585-116

*Warwick is one of Britain's leading universities with an enviable reputation for educational opportunities, first rate research and its commitment to the local community.*

*The University Values Diversity*

You will work as part of the Department of Statistics strategy for research and teaching.

You should have research interests in statistical methodology and innovative applications, and should be an active researcher from any background. Your research area might complement or enhance existing departmental strengths. You should have a PhD in Statistics or an equivalent qualification, and should be an active researcher.

Informal enquires: Professors Jane Hutton (J.L.Hutton@warwick.ac.uk), Mark Steel (M.F.Steel@stats.warwick.ac.uk), Tony Lawrance (A.J.Lawrance@warwick.ac.uk).

Application packs are available from Personnel Services on 024 7652 3685 (24 hour answerphone), by email: [recruit@warwick.ac.uk](mailto:recruit@warwick.ac.uk), our website below or [www.jobs.ac.uk/warwick](http://www.jobs.ac.uk/warwick). An application form **MUST** be completed if you wish to apply for this post.

Closing date: 31 January 2007

[www.warwick.ac.uk/jobs](http://www.warwick.ac.uk/jobs)

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

Applications invited for the following position: Tenure-track Assistant Professor. Outstanding candidates in Statistics and Probability welcome. Appointment contingent on PhD awarded by September 1, 2007. Send vita, transcripts, research papers, 3 letters of reference to:

*Faculty Search Committee*

*Department of Statistics*

*University of Chicago*

*5734 S University Avenue*

*Chicago IL 60637*

Screening begins **December 15, 2006**. AA/EEO

**USA: Arizona**

**ARIZONA STATE UNIVERSITY**  
An Equal Opportunity/Affirmative Action Employer

**PROBABILITY**

The Department of Mathematics and Statistics at Arizona State University invites applications for a tenure-track position at the Assistant Professor level beginning in the fall semester of 2006. Applicants are required to have a Ph.D. in the Mathematical Sciences with a research emphasis in Probability and/or Stochastic Processes by August 14, 2007. Candidates must also have demonstrated potential for excellence in teaching at all levels. The successful candidate will be expected to conduct research and publish in the area of Probability and/or its applications, provide quality teaching of undergraduate and graduate courses in Probability and participate in on-campus interdisciplinary activities and appropriate professional service.

The Department of Mathematics and Statistics has a strongly interdisciplinary oriented research profile that includes numerous collaborations and joint projects inside and outside the university. Current research strengths include large-scale dynamical systems with applications to weather prediction, mathematical biology and neurophysiology, medical imaging and manufacturing. The department is particularly interested in candidates who are able to collaborate in interdisciplinary research with current faculty in applications to the biological and medical sciences and to other applied sciences.

Demand for Probabilistic research and instruction at ASU is continuing to increase. There are numerous opportunities for interdisciplinary collaboration, for example with TGen, the Biodesign Institute (which includes Centers involving nanobiosciences, nanotechnology, bioengineering, genomics, and vaccinology), the Center for Environmental Studies and many other projects spanning the social sciences, education, physical sciences and medicine. The successful candidate will have a unique opportunity to help shape the future direction of the Mathematical Sciences at ASU.

Applications must be submitted online through <http://www.mathjobs.org>. All applications must include the following: i) a curriculum vita; ii) a personal statement addressing their research agenda; iii) a statement of teaching philosophy and iv) a completed AMS Standard Cover Sheet form.

At least three letters of recommendation are also to be submitted at this site.

Background check is required for employment.

Review of the applications will begin on February 9, 2007; if not filled weekly thereafter until the search is closed. Pending budgetary approval.

AA/EOE

**USA: Maryland****Teaching Position at Johns Hopkins University****Lecturer in Statistics**

The Johns Hopkins University seeks highly qualified candidates to teach statistics (and perhaps related) courses in the Department of Applied Mathematics and Statistics. This full-time position as Lecturer is renewable indefinitely subject to performance and funding, and has promotion opportunity.

The focus of the Applied Mathematics and Statistics Department is in modern applied mathematics including:

- probability
- statistics
- optimization
- operations research
- discrete mathematics
- applied analysis
- scientific computation

More information about the department can be found at our web site, <http://www.ams.jhu.edu>

Candidates should have a strong commitment to undergraduate education and hold a Ph.D. in statistics or in mathematics with specialization in statistics.

Applications can be submitted electronically as PDF documents to: [ams-search@ams.jhu.edu](mailto:ams-search@ams.jhu.edu). Paper applications sent to

*Statistics Lecturer Search Committee  
Department of Applied Mathematics and Statistics  
Johns Hopkins University  
302 Whitehead Hall  
3400 N. Charles Street  
Baltimore, MD 21218*

will be considered as well. Applications should include a curriculum vitae, teaching statement, copies of recent teaching evaluations (especially for courses in statistics), and three letters of recommendation.

The position will commence in September of 2007. For full consideration, all materials should be received by **January 31, 2007**.

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

**USA: Maryland****Johns Hopkins University**

The Department of Applied Mathematics and Statistics at Johns Hopkins University seeks an individual to develop a successful research program and contribute to the development of a Master's program in Financial Mathematics (tenure-track). Strong interest in scientific computation is especially desirable. Preference will be given to applicants at the assistant professor level, but exceptionally qualified candidates at all ranks will be considered. A doctorate in applied mathematics, statistics, mathematics, or financial mathematics is required.

Applications can be submitted electronically as PDF documents to: [ams-search@ams.jhu.edu](mailto:ams-search@ams.jhu.edu). Paper applications (sent to: *Financial Mathematics Search Committee, Department of Applied Mathematics and Statistics, Johns Hopkins University, 302 Whitehead Hall, 3400 N. Charles Street, Baltimore, MD 21218*) will be considered. Applications should include a cover letter describing the applicant's principal expertise, a statement of teaching philosophy, a statement of research interests and experiences, and a complete resume. Junior applicants should have 3-5 letters of recommendation sent, and new PhDs should send photocopies of their transcripts. For full consideration, applications should be received by **January 15, 2006**. The Department is committed to building a diverse educational environment; women and minorities are strongly encouraged to apply. The Johns Hopkins University is an EEO/AA Employer.

**USA: Maryland****University of Maryland****Department of Epidemiology & Biostatistics**

The Department of Epidemiology and Biostatistics invites applications for an assistant professor tenure-track faculty position in Biostatistics. The University of Maryland is developing a School of Public Health and recently established a Department of Epidemiology and Biostatistics in the College of Health and Human Performance. Department faculty members study the epidemiology of health disparities in chronic diseases, with a particular emphasis on social and behavioral factors. The position represents a unique opportunity to join a growing department and make important contributions to an exciting research agenda and graduate student training program.

Successful candidates will be involved in extramural-funded, multidisciplinary research (or demonstrate the potential for such activity), teach graduate level biostatistics courses, recruit and mentor graduate students, and engage in university and professional service. Effective interpersonal, communication, and collaborative skills are essential. A copy of the position announcement is available at:

[http://www.hhp.umd.edu/home/jobs.cfm#tenure\\_track\\_positions](http://www.hhp.umd.edu/home/jobs.cfm#tenure_track_positions)

Applicants should submit (a) an application letter clearly describing their qualifications, (b) a current curriculum vitae, and (c) contact information for three references. Review of applications will begin **January 15, 2007** and continue until the position is filled. Application materials should be addressed to *Dr. Catherine D. Ennis, College of Health and Human Performance, University of*

*Maryland, College Park, MD 20742-2611*  
Email: [cde@umd.edu](mailto:cde@umd.edu). (electronic submissions of .pdf documents preferred).

The University of Maryland is an equal opportunity and affirmative action employer dedicated to increasing the diversity of its faculty and administrators. We encourage applications from qualified individuals with varied experiences, perspectives, and backgrounds. Applications from minority and women candidates are strongly encouraged.

**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: Michigan****MICHIGAN TECHNOLOGICAL UNIVERSITY****Department of Mathematical Sciences****Department Chair Position****1400 Townsend Drive****Houghton, MI 49931-1295**

The Department of Mathematical Sciences invites applications for the position of Department Chair. The appointment will be at the senior level and will be effective July 1, 2007. Applicants should possess a Ph.D. in the Mathematical Sciences and have a strong record of teaching and research and external funding. Special consideration will be given to candidates with administrative experience and whose research interests are compatible with the existing departmental research strengths.

Michigan Technological University, located in the scenic Upper Peninsula of Michigan, is a state university with strong research programs in engineering and the sciences. The department has 29 tenure-track positions, 6 lecturer positions, and has research strength in applied mathematics, discrete mathematics, and statistics. More than 30% of the faculty receive external grant support from federal and state agencies. The department offers B.S., M.S., and Ph.D. degrees and has about 80 undergraduate majors and 35 graduate students.

Applications should include a letter of interest, a current vita and four letters of reference. Formal review of applications will begin on **January 1, 2007** and continue until the position is filled. Additional information can be obtained at [www.math.mtu.edu](http://www.math.mtu.edu).

Applications should be sent to:

*Math Chair Search Committee  
Department of Mathematical Sciences  
Michigan Technological University  
1400 Townsend Drive  
Houghton, MI 49931-1295*

Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer/Affirmative Action Employer.

**USA: New Jersey****Rutgers University**

The Department of Statistics at Rutgers University invites applications for tenured or tenure track assistant professor positions, starting fall 2007, contingent on availability of funding. Evidence of potential excellence in research and teaching is required. Please send CV, and three letters of recommendation to: *Search Committee, Department of Statistics, Rutgers University, 110 Frelinghuysen Ave, Piscataway, NJ 08854-8019*. Rutgers University is an Equal Opportunity Employer.

**USA: North Carolina****SAMSI**

The Statistical and Applied Mathematical Sciences Institute (SAMSI), a national institute funded by the National Science Foundation and partners in North Carolina, is soliciting applications for Postdoctoral Fellows for 2007-2008, to participate in SAMSI research programs. Postdoctoral Fellows are typically appointed for two years, earn a very competitive salary, and receive exceptional mentoring. See [www.samsi.info](http://www.samsi.info) for further information and application instructions. Members of underrepresented groups are particularly encouraged to apply. AA/EOE.

**USA: North Carolina****SAMSI**

The Statistical and Applied Mathematical Sciences Institute, a national institute in North Carolina, seeks visiting researchers and graduate students for participation in the three 2007-2008 research programs: Risk Analysis, Extreme Events and Decision Theory; Random Media; and Environmental Sensor Networks. See [www.samsi.info](http://www.samsi.info) for further information. Members of underrepresented groups are particularly encouraged to apply. AA/EOE.

## USA: North Carolina



## SAMSI Seeks a Deputy Director

Under the proposed five-year renewal of the Statistical and Applied Mathematical Sciences Institute ([www.samsi.info](http://www.samsi.info)), a **Deputy Director** is sought for a period of two years (extendable). This position is ideal for individuals interested in an intensive experience in research planning and management, as well as research itself, at a vibrant cross-disciplinary research institute.

Responsibilities of the Deputy Director are:

- Planning of future SAMSI programs, in concert with the other Directorate members.
- Management of ongoing research programs and participation therein, according to research interests.
- Other duties in administration and education and outreach, depending on the interests and skills of the Deputy Director.

Criteria for the position include a Ph.D. in the statistical or mathematical sciences or a related discipline, a strong record of scientific activity and management, commitment to the vision of SAMSI, and superb communication skills.

The position will formally be a visiting faculty position in the Institute of Statistics and Decision Sciences or the Department of Mathematics at Duke University, and scientific interaction with the host department is welcome. The appointee will, however, be detailed to SAMSI, which is housed in the National Institute of Statistical Sciences ([www.niss.org](http://www.niss.org)) in Research Triangle Park in North Carolina; Duke, NISS, North Carolina State University, and the University of North Carolina at Chapel Hill are the consortium partners in SAMSI, with the National Science Foundation.

The goal is to fill the position as of July 1, 2007. Applications and nominations should be sent to [DDsearch@samsi.info](mailto:DDsearch@samsi.info). SAMSI Director James Berger ([berger@samsi.info](mailto:berger@samsi.info)) can be contacted with questions and inquiries. Applications should consist of a letter of interest, CV and names of three references. Review of applications will begin immediately, and will continue until the Deputy Director is appointed. Availability of the position is contingent upon availability of funds. Women and members of under-represented minorities are strongly encouraged to apply.

SAMSI is an Affirmative Action/Equal Opportunity employer.

## USA: North Carolina



## Visiting opportunities for 2007-2008

Visiting employment and research opportunities at the Statistical and Applied Mathematical Sciences Institute ([www.samsi.info](http://www.samsi.info)) during 2007-2008 include the following.

- *Long-term research visitors*, associated with the individual SAMSI programs, for periods of up to one-year. Such positions can be ideal for researchers on sabbatical or leaves. To explore such possibilities, contact the individual program leaders or write Jim Berger ([berger@samsi.info](mailto:berger@samsi.info)).
- *Postdoctoral fellowships* are available (up to 8), associated with individual SAMSI programs, with appointments beginning in July or September 2007 or January 2008. Appointments will typically be for two years and be made jointly between SAMSI and an associated organization. Extremely competitive salaries will be offered. See [www.samsi.info/opportunities/postdoc.shtml](http://www.samsi.info/opportunities/postdoc.shtml) to apply.
- *SAMSI New Researcher fellowships* (up to 6) provide support of up to \$20,000 in salary for semester to year-long visiting outstanding researchers who have received their Ph.D within the previous 8 years. See [www.samsi.info/opportunities/fellows.shtml](http://www.samsi.info/opportunities/fellows.shtml) for more information.
- *Visiting graduate student* positions are available, for participation in SAMSI research programs. Applications should consist of a letter indicating the SAMSI program of interest, a vita, and a letter from the student's advisor, to be sent to *Graduate Fellowships* at the SAMSI address.

Members of under-represented groups are particularly encouraged to apply for these positions.

SAMSI programs planned for the year 2007-08:

- **Risk Analysis, Extreme Events and Decision Theory** will address fundamental issues in risk analysis, as well as associated problems involving extreme events and decision theory.
- **Random Media** will investigate statistical and deterministic components of random media for applications including time reversal, interface problems, imaging in random media, and scattering theory for discontinuous media.
- **Environmental Sensor Networks** has the objective of formulating and addressing optimization of data gathering, data analysis, data coverage, modeling and inference when the network itself is a dynamic system of self-organizing nodes.

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

SAMSI is an Affirmative Action/Equal Opportunity employer.

## USA: North Carolina



## Postdoctoral Fellowships for 2007-2008

The Statistical and Applied Mathematical Sciences Institute is soliciting applications from statistical and mathematical scientists for up to **eight** postdoctoral positions, to begin in September, 2007, or January, 2008. Appointments, at extremely competitive salaries, will typically be for two years and be made jointly between SAMSI and one of its Partners. Applicants should have received (or expect to complete) a doctorate in 2002 or later. Members of under-represented groups are particularly encouraged to apply.

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

SAMSI programs planned for the year 2007-08:

- **Risk Analysis, Extreme Events and Decision Theory** will address fundamental issues in risk analysis, as well as associated problems involving extreme events and decision theory.
- **Random Media** will investigate statistical and deterministic components of random media for applications including imaging in random media, and scattering theory for discontinuous media.
- **Environmental Sensor Networks** has the objective of formulating and addressing optimization of data gathering, data analysis, data coverage, modeling and inference when the network itself is a dynamic system of self-organizing nodes.

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

Criteria for selection include demonstrated research ability in statistical and/or applied mathematical sciences, interest and (to a lesser degree) experience in the SAMSI program areas and vision, and strength in computation and in verbal and written communication. The deadline for full consideration of applications is January 31, 2007, although later applications will be considered as resources permit. Postdoctoral appointments may be made at any time.

SAMSI accepts only electronic applications. Additional information and the electronic application can be accessed at [www.samsi.info/opportunities/postdoc.shtml](http://www.samsi.info/opportunities/postdoc.shtml).

SAMSI is an Affirmative Action/Equal Opportunity employer.



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

The Department of Statistical Science at Cornell University is preparing to expand in a number of new areas. We are particularly interested in, but are not limiting the search to, candidates with interests in computational statistics, graphical models, spatial statistics, and sampling theory. Candidates must possess the potential for leadership in the core research and teaching missions of the Department of Statistical Science as well as a serious commitment to interdisciplinary work. A PhD in statistics or related science is required. Appointments may be made at any of the professorial rank levels, depending on the qualifications of the candidates. The search will be continued until all available positions are filled. While there is no particular deadline for applications, those received by **February 1, 2007** will ensure consideration for the 2007-2008 academic year.

Applicants should submit a curriculum vitae, representative preprints or reprints, a concise statement of research interests and goals, and letters from at least three references to:

*Professor Martin T. Wells, Chair  
Department of Statistical Science  
Cornell University  
301 Malott Hall  
Ithaca, NY 14853  
Or to: stat\_search@cornell.edu*

**USA: Ohio****Postdoctoral Opportunities at the Mathematical Biosciences Institute (MBI) at The Ohio State University**

MBI Postdoctoral fellows are hired for a 3-year term. They are engaged in an integrated program of tutorials, working seminars or journal clubs, participation in workshops, and interactions with local and visiting mentors. These activities are geared toward providing the tools to pursue an independent research program with an emphasis on collaborative research in the mathematical biosciences. MBI facilitated activities for postdoctoral fellows are tailored to the needs of each young scientist. The program provides training in bioscience fundamentals to the mathematically oriented fellow as well as mathematical fundamentals to the bioscience oriented fellow.

For more information about applying for a Postdoctoral Fellowship please visit the MBI website at <http://www.mbi.osu.edu>

Upcoming Scientific Programs are:

2007-2008: Bioengineering

2008-2009: Developmental Biology

2009-2010: From Genes to Cells: Networks, Scales and Complexity

*The MBI receives major funding from the National Science Foundation Division of Mathematical Sciences and is supported by The Ohio State University.*

**USA: Rhode Island****Visiting Assistant Professor of Mathematics-Statistics****Roger Williams University, Bristol, RI**

Primary responsibilities include teaching undergraduate statistics courses, curriculum development, and consultation on research projects. A Ph.D. in statistics or closely related field is required by time of appointment. Full-time teaching experience and an ongoing program of scholarly activity is highly desirable. Position available for Fall 2007. Please visit [www.rwu.edu](http://www.rwu.edu) for a full position description and to obtain submission requirements.

Roger Williams University is an Equal Opportunity Employer committed to inclusive excellence and encourages applications from underrepresented populations.



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**USA: Pennsylvania****University of the Sciences in Philadelphia****Assistant Professor in Statistics**

The Department of Mathematics, Physics, and Computer Science at the University of the Sciences in Philadelphia (USP) invites applications for a tenure-track Assistant Professor position in Statistics starting Fall 2007. Qualified candidates may be considered for higher ranks. A Ph.D. in statistics, biostatistics, or related area is required by the starting date. Applicants must demonstrate a commitment to excellence in teaching and strong research ability.

The Department has a unique Computer/Computational Science BS degree program geared to the biomedical, pharmaceutical, and health sciences, and the Department is presently investigating new programs in biophysics/material science and in applied mathematics and statistics. There are active minors in mathematics, physics, computer science, and statistics. We also participate in research and teaching in multidisciplinary programs in Biology, Chemistry, and Bioinformatics. In addition to resources within the department, the successful candidate will have access to major pharmaceutical databases through the Philadelphia College of Pharmacy at USP and will be expected to continue the department's efforts at collaborative research with other components of the University. The computing facilities of the department and the university are comparable to those found at much larger research institutions. More about the department can be found at our website: <http://www.usip.edu/mpcs/>.

Duties will include teaching undergraduate and graduate courses in biostatistics, computational biology and bioinformatics as well as serving as a statistical consultant for BS, MS, Ph.D. and other graduate degree candidates.

USP is a unique, private health-science University with an enrollment of 2,600 undergraduate and graduate students, with programs in the natural sciences, pharmacy, and other health related areas. Consult our Web site at: <http://www.usip.edu> for additional information.

To apply, please submit (email submission is acceptable) a letter of application, a curriculum vitae, a description of commitment to excellence in teaching, a brief description of planned scholarly activities, and three letters of reference to:

*Dr. Laura Pontiggia*  
*Chair of the Search Committee*  
*Assistant Professor of Statistics*  
*Department of Mathematics, Physics, and Computer Science*  
*University of the Sciences in Philadelphia,*  
*600 S. 43rd St.,*  
*Philadelphia, PA 19104*  
*stat@usip.edu*

Review of applications will begin **January 25, 2007** and will continue until the position is filled.

The University of the Sciences in Philadelphia is an Equal Opportunity / Affirmative Action Employer.

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



**USA: Texas****Trinity University**

The Department of Mathematics invites applications for a tenure-track position in statistics or a related field. The appointment, which is to begin in August 2007, will be at the rank of assistant or associate professor depending on the experience of the successful candidate. A commitment to and strong potential for both excellence in undergraduate teaching and continued scholarly involvement are essential. The position requires a PhD in statistics or one in mathematics or a related discipline with a background in statistics. The department values a candidate's ability and willingness to involve students in research and a strong motivation to develop and teach courses for non-majors. Applications from candidates who can support the University's increasing emphasis on interdisciplinary science are encouraged.

Trinity University is an independent coeducational institution founded in 1869. An ambitious twenty-year effort to attract a faculty of national reputation and a student body of exceptional quality has enabled Trinity to become one of the nation's finest small, primarily undergraduate institutions. Approximately 2500 students are currently enrolled of whom all but about 200 are undergraduates; the average SAT is about 1300. The full-time faculty totals 235, so that the student/faculty ratio is about 10:1. The University's endowment has a market value of \$815 million, one of the largest per student in the nation.

San Antonio, the nation's eighth-largest city, is often described as one of America's four unique cities. The more than one million residents of the metropolitan area can enjoy a wide variety of urban and cultural amenities, and the scenic Texas Hill Country and the Gulf Coast beaches are but a short drive away. The cost of living is one of the lowest of all major U.S. cities.

Information about our department is available at <http://www.trinity.edu/departments/mathematics/>

Candidates should send a curriculum vitae; academic transcripts; three letters of reference (at least one of which addresses teaching); and statements of teaching philosophy and research interests to:

*Search Committee/Department of Mathematics*

*Trinity University*

*One Trinity Place*

*San Antonio, TX 78212*

To ensure full consideration applications must be received by **December 15, 2006**.

Application materials may be sent by email to [math@trinity.edu](mailto:math@trinity.edu) but they must be followed by mailed hard copies.

Trinity University is an Equal Opportunity Employer

**USA: Texas****Training Program at Texas A&M University for New and Established Investigators in Bioinformatics and Biostatistics**

The Department of Statistics at Texas A&M University anticipates openings for its two-year training program in Bioinformatics and Biostatistics with an emphasis on the Biology of Nutrition and Cancer (<http://stat.tamu.edu/B3NC>). Program participants will receive training via a structured format in biology, genetics, microarray technology, genomic signal processing, and the biological mechanisms of cancer that may be activated by nutrition-related factors. No teaching duties are required. Each participant will be mentored by a multi-disciplinary team of experienced researchers from Statistics, Electrical Engineering, Nutrition and Biochemistry and will be provided with excellent computing support. Applicants should have a Ph.D. in a quantitatively oriented discipline, such as statistics, electrical engineering and applied mathematics. A participant with a background in EE, for instance signal processing or control, will work in the Genomic Signal Processing Laboratory (<http://gsp.tamu.edu>). Both recent and established investigators are invited to apply. Funding is restricted to U.S. citizens and permanent residents. Stipends are competitive with initial tenure-track positions in statistics. Interested applicants should send a vita and three letters of reference (for new or recent PhDs) by **February 15, 2007** to:

*Raymond Carroll*

*Department of Statistics*

*Texas A&M University*

*College Station TX 77843-3143*


*carroll@stat.tamu.edu*

AA/EOE

# 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](mailto:erg@imstat.org)

## January 2007


 **January 2-5:** Cochin, India. **IISA meeting on Statistics, Probability and Related Areas.** **w** <http://www.stat.ohio-state.edu/~hnn/IISACnf2007.pdf>


**January 12-13:** Gainesville, FL. University of Florida Ninth Annual Winter Workshop: Emerging Methods in Environmental Statistics. Mary Christman, Dept. Statistics, University of Florida, PO Box 110339, Gainesville, FL 32611-0339 **e** [mcxman@ufl.edu](mailto:mcxman@ufl.edu) **w** <http://web.stat.ufl.edu/symposium/2007/index.html>



**January 23-24:** Institut Henri Poincaré, Paris. **Inhomogeneous Random Systems** (Systèmes Aléatoires Inhomogenes). Meeting in conjunction with “Rencontres de Physique Statistique”, January 25-26 (<http://www.phys.ens.fr/phystat/>). The conference is free; please register in advance **e** [inter@math.cnrs.fr](mailto:inter@math.cnrs.fr) [with subject: IRS 2007, send your name, institution, address, email.] **w** <http://www.u-cergy.fr/lptm/inter>

**January 23-25:** Eilat, Israel. **Fourth meeting of the Eastern Mediterranean Region of the International Biometric Society (EMR-IBS).** David Zucker, Hebrew University Dept of Statistics. **t** +972-2-588-1291 **f** +972-2-588-3549 **e** [mszucker@mscc.huji.ac.il](mailto:mszucker@mscc.huji.ac.il) **w** <http://www.congress.co.il/emr-ibs2007>

## February 2007

 **February 11:** USC, Los Angeles, CA. **Southern California Probability Symposium in Memory of Ted Harris.** Ken Alexander **e** [alexandr@usc.edu](mailto:alexandr@usc.edu), Richard Arratia **e** [rarratia@usc.edu](mailto:rarratia@usc.edu), and Peter Baxendale **e** [baxendal@usc.edu](mailto:baxendal@usc.edu)

 **February 15-17:** University of Lisbon, Portugal. **Workshop on Statistical Extremes and Environmental Risk.** Contact: M. Isabel Fraga Alves, **e** [isabel.alves@fc.ul.pt](mailto:isabel.alves@fc.ul.pt) **w** <http://seer2007.fc.ul.pt/>

  **February 25-March 3:** Lima, Peru. **X CLAPEM: Latin American Congress of Probability and Mathematical Statistics.** Program Chair: Antonio Galves; IMS Chairs: Thomas Kurtz & Alicia Carriquiry. **w** [http://www.pucp.edu.pe/eventos/congresos/matematica/clapem/reg\\_ing.htm](http://www.pucp.edu.pe/eventos/congresos/matematica/clapem/reg_ing.htm)

## March 2007

 **March 11-14:** Hyatt Regency Atlanta, Georgia. **2007 ENAR/IMS Spring Meeting.** **w** [www.enar.org/meetings.htm](http://www.enar.org/meetings.htm)

**March 26-30:** Edinburgh, Scotland. **Workshop on smoothing-based and Gaussian-process based methods for non-parametric regression in environmental problems.** Contact Marian Scott, University of Glasgow, [marian@stats.gla.ac.uk](mailto:marian@stats.gla.ac.uk)

**March 27-30:** Bielfeld, Germany. **Statistik unter einem Dach / Statistics under one roof.** **w** [www.statistik2007.de/enhome/index.html](http://www.statistik2007.de/enhome/index.html) **e** [dagstat2007@uni-bielefeld.de](mailto:dagstat2007@uni-bielefeld.de)


## April 2007

**April 1-5:** Honolulu, HI. **Computational Intelligence, Statistics, and Data Mining in Earth Science.** A Special Session at the IEEE Symposium on Computational Intelligence and Data Mining. Amy Braverman **e** [Amy.Braverman@jpl.nasa.gov](mailto:Amy.Braverman@jpl.nasa.gov) **w** <http://ieeessci.org/cidm2007/SSCISDME>


**April 13-15:** University of Wisconsin-Madison. **First Graduate Student Conference in Probability at the University**

**of Wisconsin-Madison.** **e** [guettes@math.wisc.edu](mailto:guettes@math.wisc.edu) **w** [www.math.wisc.edu/~hkang/student\\_probability\\_conference.html](http://www.math.wisc.edu/~hkang/student_probability_conference.html)

**April 21:** University of Connecticut, Storrs, CT. **21st New England Statistics Symposium.** Joseph Glaz **e** [joseph.glaz@uconn.edu](mailto:joseph.glaz@uconn.edu) **w** [www.stat.uconn.edu](http://www.stat.uconn.edu)

 **April 22-25:** Cornell University, NY. **Stochastic Partial Differential Equations.** **w** [www.math.cornell.edu/~durrett/](http://www.math.cornell.edu/~durrett/)

## May 2007

 **May 16-19:** Rice University. **The Third Erich L. Lehmann Symposium.** Organizer and Chair Javier Rojo **e** [jrojo@stat.rice.edu](mailto:jrojo@stat.rice.edu) **w** <http://www.stat.rice.edu/~jrojo/3rd-Lehmann> (forthcoming)

  **May 21-23:** Iowa State University, Ames, Iowa. **2007 Spring Research Conference on Statistics in Industry and Technology.** Co-sponsored by IMS and ASA Section on Physical and Engineering Science. Program Chair: Steve Vardeman **w** <http://www.stat.iastate.edu/SRC07/>

**May 23-26:** Philadelphia, PA. **Interface 2007 Conference on Systems Biology.** Contact Alan J. Izenman, Department of Statistics, Speakman Hall, 1810 North 13th Street, Philadelphia, PA 19122-6083 **t** (215) 204-8166 **e** [alan@temple.edu](mailto:alan@temple.edu)

**May 29-June 1:** Chania, Crete. **XII International Conference on Applied Stochastic Models and Data Analysis.** **w** <http://www.asmda.com/id7.html>

## June 2007

 **June 2-5:** Cornell University, NY. **Workshop on Random Matrices.** **w** [www.math.cornell.edu/~durrett/](http://www.math.cornell.edu/~durrett/)



**June 9–12:** Rome, Italy. 6th International Workshop on Objective Bayesian Analysis. Short course on June 8. **e** brunero.liseo@uniroma1.it **w** <http://3w.eco.uniroma1.it/OBo7>

**June 10–13:** St John's, Newfoundland. 35th Annual Meeting of the Statistical Society of Canada. Local Arrangements Chair: Brajendra Sutradhar **e** bsutradh@math.mun.ca **t** (709) 737-8731 **f** (709) 737-8731

**June 10–15:** Ascona, Switzerland. Statistics for Biomolecular Data Integration and Modeling. Christina Kunzli **e** kuenzli@stat.math.ethz.ch **w** [www.stat.math.ethz.ch/talks/Ascona\\_07/](http://www.stat.math.ethz.ch/talks/Ascona_07/)

**June 12–14:** The University of Jordan, Amman, Jordan. Ordered Statistical Data & Inequalities: Theory & Applications. **w** [www.ju.edu.jo/osdi](http://www.ju.edu.jo/osdi) Contact Prof. Mohammad Z. Raqab, University of Jordan, **t** +962-06-5355000 ext 3135 **f** +962-6-5355570 **e** mraqab@ju.edu.jo; osdi@ju.edu.jo or Prof. H. N. Nagaraja, Ohio State University, **t** +614-292-6072 **f** +614-292-2096 **e** hnn@stat.ohio-state.edu

**NEW** **June 14–16:** València, Spain. Fifth Workshop on Bayesian Inference in Stochastic Processes **w** <http://www.uv.es/bisp5/>

**NEW** **June 17–23:** Kyiv, Ukraine. Skorokhod Space: 50 Years On. **e** skor\_space@imath.kiev.ua **w** [http://www.imath.kiev.ua/~skor\\_space/index.html](http://www.imath.kiev.ua/~skor_space/index.html)

**ims** **June 17–30:** Cornell University, Ithaca, NY. 3rd Cornell Probability Summer School. **w** [www.math.cornell.edu/~durrett/](http://www.math.cornell.edu/~durrett/)

**NEW** **June 25–27:** Academia Sinica, Taiwan. 2007 Taipei International Statistical Symposium and ICSA International Conference. Program Chair: Chi-Lun Cheng **e** 2007symp@stat.sinica.edu.tw **w** <http://www.stat.sinica.edu.tw/2007symp>

**June 25–29:** Fleurance, France. International Workshop on New Directions In Monte Carlo Methods. **w** <http://www.adapmco7.enst.fr>

## July 2007

**NEW** **ims** **July 1–21:** Park City, Utah. IAS/Park City program on Statistical Mechanics. **w** <http://www.admin.ias.edu/ma/>

**NEW** **July 2–6:** Barcelona, Spain. IWSM 2007: International Workshop on Statistical Modelling. Also short course on July 1: Models for repeated discrete data. **w** <http://mat.uab.es/~iws2007/>

**NEW** **July 4–6:** Leeds, UK. LASR 2007 - Systems Biology & Statistical Bioinformatics. Contact: Stuart Barber **e** workshop@maths.leeds.ac.uk **w** <http://www.maths.leeds.ac.uk/lasr2007>

**July 9–11:** Vienna, Austria. MCP 2007 Vienna: 5th international conference on multiple comparison procedures. **w** [www.mcp-conference.org](http://www.mcp-conference.org)

**July 9–11:** Eindhoven, The Netherlands. 2007 Applied Probability INFORMS Conference. Hosted by EURANDOM and Eindhoven University of Technology. Local organiser Onno Boxma boxma@eurandom.tue.nl **w** <http://appliedprob.society.informs.org/INFORMS2007/Index.html>

**NEW** **July 9–27:** Institute for Pure and Applied Mathematics (IPAM), Los Angeles, CA. Graduate Summer School: Probabilistic Models of Cognition: The Mathematics of Mind. **w** <http://www.ipam.ucla.edu/programs/gss2007/>

**NEW** **July 23–27:** Bern, Switzerland. Fifth Conference on Extreme Value Analysis. **w** [www.imsv.unibe.ch/eva2007](http://www.imsv.unibe.ch/eva2007)

**NEW** **ims** **July 24–28:** University of Utah, Salt Lake City, UT. Tenth IMS Meeting of New Researchers in Statistics

and Probability. Co-chairs: Mayetri Gupta and Xiaoming Sheng **e** nrc@bios.unc.edu **w** <http://www.bios.unc.edu/~gupta/NRC>

**ims** **July 29 – August 2:** Salt Lake City, Utah. IMS Annual Meeting at JSM2007 IMS Program Co-chairs: Tony Cai and Mark Low. **w** [www.amstat.org/meetings/jsm/2007](http://www.amstat.org/meetings/jsm/2007)

## August 2007

**ims** **August 5–11:** Urbana, Illinois. 32nd Conference on Stochastic Processes and their Applications. **w** <http://www.math.uiuc.edu/SPA07/>

**August 6–8:** UCLA, Los Angeles. 2007 SOCR/CAUSEweb Statistics Education Workshop. **w** [http://wiki.stat.ucla.edu/socr/index.php/SOCR\\_Events\\_Aug2007](http://wiki.stat.ucla.edu/socr/index.php/SOCR_Events_Aug2007)

**August 9–12:** Sandbjerg, Denmark. Satellite Summer School on Lévy Processes: Theory and Applications. **w** <http://www.math.ku.dk/conf/levy2007/levy.html>

**August 13–17:** Copenhagen, Denmark. Fifth International Conference on Lévy Processes: Theory and Applications. **w** <http://www.math.ku.dk/conf/levy2007/levy.html>

**NEW** **August 16–20:** Mikulov, Czech Republic. ISI satellite mtg: Computational Environmetrics: Protection of Renewable Environment and Human and Ecosystem Health (TIESo7)

**August 18–20:** The Azores Archipelago, Portugal. ISI satellite mtg: ISBIS-2007: International Symposium on Business and Industrial Statistics. Contact Francisco Samaniego, Program Chair **e** fjsamaniego@ucdavis.edu or Bovas Abraham, ISBIS President **e** babraham@uwaterloo.ca **w** <http://www.isbis2007.uac.pt>

# International Calendar *continued*

## August 2007 continued

**NEW** August 19–20 (Provisional date): DMCT, Universidade do Minho, Guimarães, Portugal. *ISI satellite mtg: Assessing Student Learning in Statistics*

**NEW** August 20–21: ISEG, Lisbon, Portugal. *ISI satellite mtg: Advances in Semiparametric Methods and Applications*. **w** <http://pascal.iseg.utl.pt/~cemapre/asma2007/>

August 22–29: Lisbon, Portugal. 56th Session of the ISI. Registration and abstract submission are now open. **w** <http://www.isi2007.com.pt/>

**NEW** August 30–31: Faculty of Medicine of Lisbon, Lisbon. *ISI satellite mtg: International Conference on Statistical Methods for Risk Analysis Conference (ICSMRA)*

**NEW** August 30 – September 1: Aveiro, Portugal. *ISI satellite mtg: Statistics for Data Mining, Learning and Knowledge Extraction* **w** <http://www.mat.ua.pt/iasco7/>

**NEW** August 30 – September 1: FEUP (Faculty of Engineering of the University of Porto). *ISI satellite mtg: Probability and Statistics in Science and Technology*. **w** <http://paginas.fe.up.pt/~bsconfo7/>

**NEW** August 31 – September 2: S3RI, University of Southampton, UK. *ISI satellite mtg: Innovative methodologies for censuses in the new millennium*. **e** [censusmeet@s3ri.soton.ac.uk](mailto:censusmeet@s3ri.soton.ac.uk) **w** <http://www.s3ri.soton.ac.uk/isi2007/>

## September 2007

**NEW** September 3–5: University of Pisa, Faculty of Economics, Italy. *ISI satellite mtg: Conference on Small Area Estimation*


## October 2007

October 19–20: Carnegie Mellon University, Pittsburgh, PA. 9th Workshop on Case Studies of Bayesian Statistics. Jay Kadane **e** [kadane@stat.cmu.edu](mailto:kadane@stat.cmu.edu) **w** <http://workshop.stat.cmu.edu/bayes9>


## December 2007

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

## January 2008

**NEW**  January 9–11: Bormio, Italy. MCMSki II: Markov Chain Monte Carlo in Theory and Practice. 3rd joint international meeting of the IMS and ISBA. Program Chairs: Bradley P. Carlin and Antonietta Mira. **w** <http://musing.unipv.it/IMS-ISBA-06/index.html>

## March 2008

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

## 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](mailto:pierre.lavallee@statcan.ca). Program: Bruno Remillard (HEC Montréal) **e** [bruno.remillard@hec.ca](mailto:bruno.remillard@hec.ca) **w** [http://www.ssc.ca/2008/index\\_e.html](http://www.ssc.ca/2008/index_e.html)

## July 2008


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

 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@ims.nus.edu.sg](mailto:wc2008@ims.nus.edu.sg)


## August 2008

 August 3–8: Denver, Colorado. JSM2008.


## March 2009

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

## August 2009

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

## August 2010

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

## July 2011

 July 31 – August 4: Miami Beach, Florida. IMS Annual Meeting at JSM2011.

## July 2012

 July 29 – August 2: San Diego, California. JSM2012.

## August 2014

 August 3–7: Boston, MA. JSM2014.

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

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4: May	<b>April 1</b>	April 15	May 1
5: June	<b>May 1</b>	May 15	June 1
6: July	<b>June 1</b>	June 15	July 1
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10: December	<b>November 1</b>	November 15	December 1

in the  
**next**  
issue

**March  
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.*

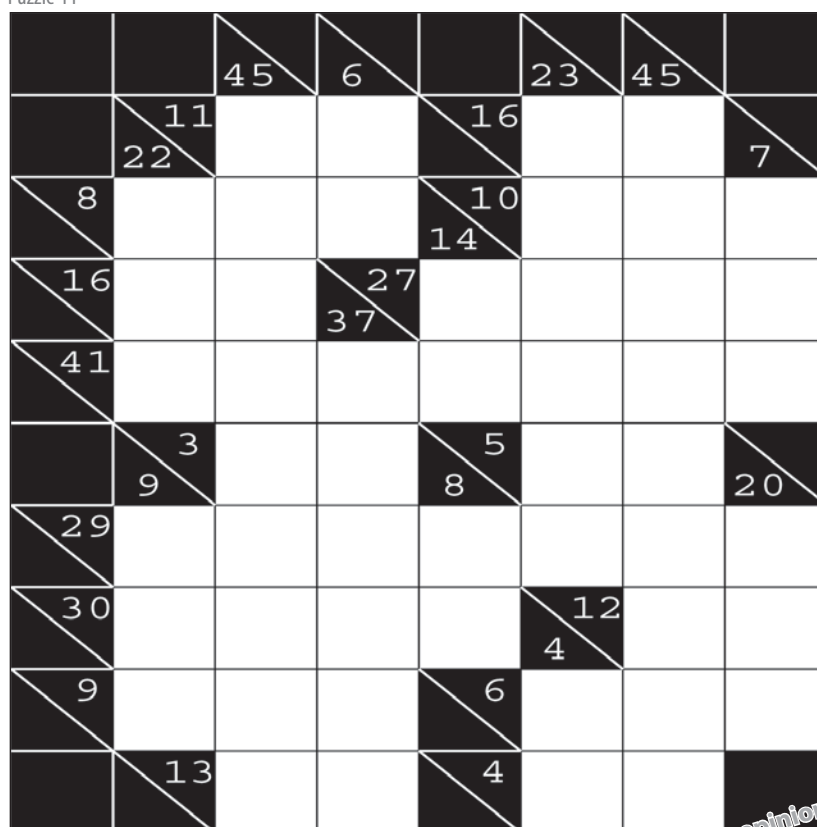


*...this one does! (So does  
1,2,5 and 3,1,4 and so on)*

Solution 10 from last issue

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

Puzzle 11



Puzzle by [www.yoogi.com](http://www.yoogi.com)

We're interested in your **opinions** about these  
puzzles, and anything else in the IMS Bulletin.  
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