

January/February 2006

## CONTENTS

- 1 **IMS New Researchers' Survival Guide**
- 2-3 **Members' News:** Jayaram Sethuraman, Thomas Short
- 4 **Obituary:** Ronald Pyke, Camilo Dagum
- 6 **Profile:** new Beijing Lab; **Stats Jokes**
- 7 **Members Only:** [imstat.org](http://imstat.org) develops; **CIS free access**
- 8 **Editors change:** Web, AOP
- 9-10 **Calls:** Laha, Mu Sigma Rho, CBMS
- 11 **Meet the Members**
- 12 **Terence's Stuff:** Beauty and Statistics
- 13 **IMS Meetings**
- 21 **Other Meetings and Announcements**
- 25 **Employment Opportunities**
- 32 **International Calendar of Statistical Events**
- 35 **Information for Advertisers**
- 36 **New:** Kakuro puzzle

## IMS New Researchers' Survival Guide

When the Institute of Mathematical Statistics set up the Committee on New Researchers over 17 years ago, one of the first things the committee members did was to address the question of how graduate students choose (or are chosen by) specific occupations in the three main career paths that are available to them: in academia, industry/business and government. The advice the Committee members came up with was first published in *Statistical Science* in 1991 (Vol 6, 163–174), and has since been refined into the newly published *IMS New Researchers' Survival Guide*, a copy of which is enclosed with this issue.

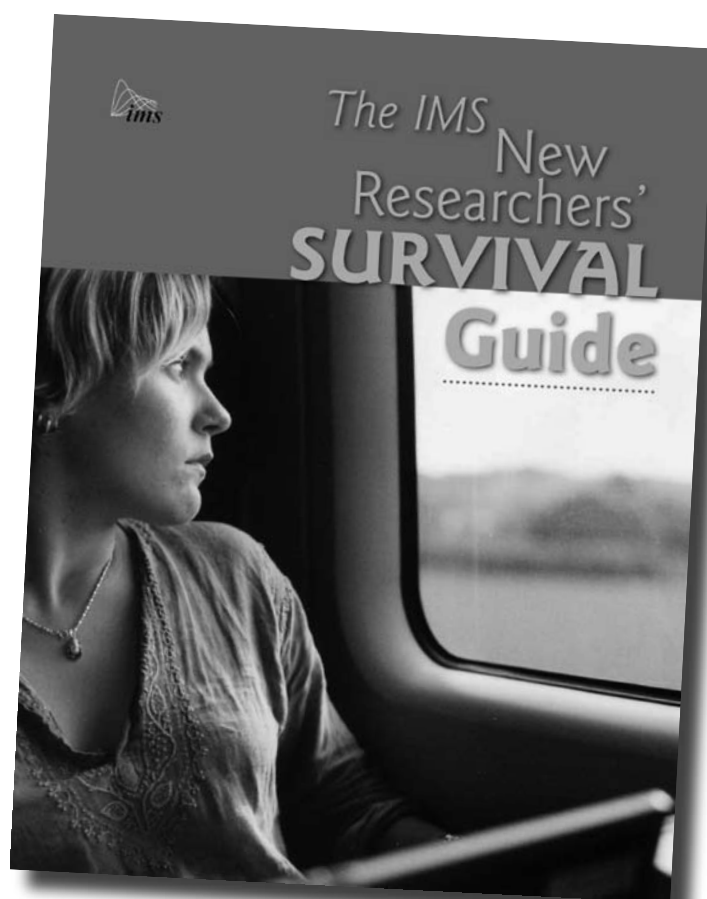
The authors of the guide say "We believe that if students were better informed about their choices, they would be less apprehensive, pursue their goals more effectively and, ultimately, be far more likely to find positions for which they are well suited. Similarly, if doctoral students were generally more familiar with various aspects of professional life, the entire statistical community would benefit."

The guide was written and edited by Naomi Altman, David Banks, Janis Hardwick, Kathryn Roeder, Peter Craigmile, Johanna Hardin and Mayetri Gupta.

If you are reading the PDF version of the *IMS Bulletin* and would like a copy of the *Survival Guide*, or if you want extra copies, please contact Elyse Gustafson,

IMS Executive Director, who will

be pleased to help: email [erg@imstat.org](mailto:erg@imstat.org) or call (216) 295 2340.



## Contact Information

Bulletin Editor **Bernard Silverman**

Assistant Editor **Tati Howell**

*To contact the IMS Bulletin:*

IMS Bulletin  
20 Shadwell  
Uley, Dursley  
GL11 5BW  
UK  
**e** [bulletin@imstat.org](mailto:bulletin@imstat.org)

*To contact the IMS regarding your dues, membership, subscriptions, orders or change of address:*

Institute of Mathematical Statistics  
Dues and Subscriptions Office  
9650 Rockville Pike, Suite L2407A  
Bethesda,  
MD 20814-3998  
USA  
**t** 301.634.7029  
**f** 301.634.7099  
**e** [staff@imstat.org](mailto:staff@imstat.org)

*To contact the IMS regarding any other matter, including advertising, copyright permission, offprint orders, copyright transfer, societal matters, meetings, fellows nominations and content of publications:*

Executive Director, Elyse Gustafson  
IMS Business Office  
PO Box 22718  
Beachwood,  
OH 44122  
USA  
**t** 216.295.2340  
**f** 216.295.5661  
**e** [erg@imstat.org](mailto:erg@imstat.org)

## IMS Members' News

### 2005 Rao Prize awarded to Jayaram Sethuraman

IMS Fellow **Jayaram Sethuraman**, the former Robert O Lawton Distinguished Professor and current professor emeritus and adjunct professor at Florida State University, has been honored with the 2005 C R & Bhargavi Rao Prize at Penn State University. This award was the second in a series to be awarded every two years. It was established by CR and Bhargavi Rao as a means to honor and recognize outstanding and influential innovations in the theory and practice of mathematical statistics, international leadership in directing statistics research, and pioneering contributions by a recognized leader in the field of statistics.

The award, consisting of an engraved plaque and cash prize, was presented to Sethuraman by Daniel J Larson, dean of the Penn State Eberly College of Science. The presentation took place on Statistics Day, a one-day workshop organized by Penn State's Department of Statistics and Center for Multivariate Analysis, which took place on Penn State's University Park campus.

Sethuraman is known as a pioneer in the theoretical study of large and moderate deviations. He also is recognized for his contributions to order statistics, Bahadur and Pitman efficiency, stochastic majorization, Dirichlet processes and Bayesian nonparametrics, sequential analysis, reliability theory, survival analysis, image analysis, and Bayesian analysis. More recently, he has been the leader in the use of counting processes and martingale theory to study repair models and develop nonparametric inferential procedures for these models.

Sethuraman is a fellow of the Institute of Mathematical Statistics and the American Statistical Association, an elected member of the International Statistical Institute, and a recipient of the US Army's SS Wilks Award. In 1993, he received Florida State University's Robert O Lawton Distinguished Professor Award, the highest honor the faculty can bestow on a colleague.

*Pictured from left to right: Jayaram Sethuraman, C R Rao, Bhargavi Rao.*

*Photo courtesy of Barbara Kennedy, Penn State.*



### Thomas Short wins 2005 Mu Sigma Rho Statistical Education Award

Mu Sigma Rho, the national honor society for statistics, presented its sixth Statistical Education Award to Associate Professor **Thomas Short** of Indiana University of Pennsylvania (*pictured below right, with Marcia Gumpertz, Mu Sigma Rho President*). This award recognizes excellence in undergraduate or graduate statistical education at the institutional, regional, or national level.

Dr Short has been widely regarded as an outstanding teacher and leader for statistics education in Pennsylvania and at the national level. He has served as a regional site director and frequent presenter for the Statistics Education through Quantitative Literacy (SEQual) project. Dr Richard Schaeffer has called these workshops “the best national model for statewide workshops in quantitative literacy.” Dr Short has also given workshops for AP statistics teachers and has formed local and regional organizations of teachers. In fact, he also is one of the few statisticians who works regularly with teachers at the elementary school level. Mu Sigma Rho is proud to recognize Dr Short for his dedication to statistics education at all levels.

The call for nominations for the 2006 Statistical Education Award is on page 9.



## IMS Fellowship: still time to nominate

Nominations are invited for Fellowship in the Institute of Mathematical Statistics.

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

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

**Nomination Materials:** The list of items required for nomination, along with instructions about where and how to send them, is available at <http://www.imstat.org/awards/fellows.htm>

**Deadline:** All nominations must be received by **January 31, 2006**.

## Executive Committee

President:	Thomas G Kurtz <a href="mailto:president@imstat.org">president@imstat.org</a>
President-Elect:	Jim Pitman <a href="mailto:president-elect@imstat.org">president-elect@imstat.org</a>
Past President:	Louis Chen <a href="mailto:imsdir@nus.edu.sg">imsdir@nus.edu.sg</a>
Executive Secretary:	Cindy Christiansen <a href="mailto:cindylc@bu.edu">cindylc@bu.edu</a>
Treasurer:	Jiayang Sun <a href="mailto:jiayang@sun.stat.cwru.edu">jiayang@sun.stat.cwru.edu</a>
Program Secretary:	Andrew Nobel <a href="mailto:nobel@email.unc.edu">nobel@email.unc.edu</a>

## IMS Editors

Annals of Statistics:	Morris Eaton <a href="mailto:eaton@stat.umn.edu">eaton@stat.umn.edu</a> & Jianqing Fan <a href="mailto:jqfan@princeton.edu">jqfan@princeton.edu</a>
Annals of Probability:	Greg Lawler <a href="mailto:lawler@math.cornell.edu">lawler@math.cornell.edu</a>
Annals of Applied Probability:	Robert Adler <a href="mailto:radler@ie.technion.ac.il">radler@ie.technion.ac.il</a>
Statistical Science:	Ed George <a href="mailto:edgeorge@wharton.upenn.edu">edgeorge@wharton.upenn.edu</a>
IMS Lecture Notes – Monograph Series:	Richard Vitale <a href="mailto:rvitale@uconnvm.uconn.edu">rvitale@uconnvm.uconn.edu</a>
Managing Editor, Statistics:	Paul Shaman <a href="mailto:shaman@wharton.upenn.edu">shaman@wharton.upenn.edu</a>
Managing Editor, Probability:	Michael Phelan <a href="mailto:phelan@chapman.edu">phelan@chapman.edu</a>
Electronic Journal of Probability:	Ted Cox <a href="mailto:ejp@math.washington.edu">ejp@math.washington.edu</a>
Electronic Communications in Probability:	Martin Barlow <a href="mailto:ecp@math.washington.edu">ecp@math.washington.edu</a>
Managing Editor, EJP/ECP:	Zhenqing Chen <a href="mailto:ejpecp@math.washington.edu">ejpecp@math.washington.edu</a>
Probability Surveys:	David Aldous <a href="mailto:prsurvey@stat.berkeley.edu">prsurvey@stat.berkeley.edu</a>
ALEA:	Claudio Landim <a href="mailto:alea@impa.br">alea@impa.br</a>
IMS Bulletin:	Bernard Silverman & Tati Howell <a href="mailto:bulletin@imstat.org">bulletin@imstat.org</a>
Web Editor:	Chris Burdzy <a href="mailto:burdzy@math.washington.edu">burdzy@math.washington.edu</a> & Arti Ishwaran <a href="mailto:imswebmaster@imstat.org">imswebmaster@imstat.org</a>
Production Editor:	Patrick Kelly <a href="mailto:pkelly@wharton.upenn.edu">pkelly@wharton.upenn.edu</a>

# OBITUARY: Ronald Pyke

## 1931–2005

RONALD (RON) PYKE passed away on October 22, 2005, as a consequence of amyotrophic lateral sclerosis disease. He was 73.

In the IMS Ron was probably best known as a previous President (1986–7) and as the editor of the fledgling *Annals of Probability* in the first four years of its existence, from 1972 to 1975.

Ron was born on November 24, 1931, in Hamilton, Ontario, and graduated from Westdale High School in Hamilton in 1949. He married Gladys Mary Davey on December 19, 1953, in Hamilton, soon after entering graduate school and they enjoyed 52 joy-filled years together.

Ron graduated with honours from McMaster University in 1953 and then moved to the University of Washington. He completed an MSc in Mathematical Statistics in 1955 and a PhD in Mathematics in 1956 under Bill Birnbaum on the topic “On one-sided distribution free statistics.”

Immediately following his PhD, Ron and Gladys moved to Stanford for two years, followed by another two at Columbia. In 1960 they returned to Seattle, where, except for sabbaticals at Cambridge (64–65), Imperial College (70–71) and the Technion (88), they settled permanently. Ron retired from the University of Washington in 1998.

So much for the dry facts. Now let me try to capture just a little of what we shall all miss about this very special and unique man, who was, in all ways, a fine scholar and true gentleman. Let me start with the scholar.

In his early professional years, Ron made a number of important contributions to topics as diverse as statistical hypothesis testing (mainly centering around Kolmogorov-Smirnov and other goodness of fit statistics), Markov renewal and branching processes, empirical processes, fluctuation theory and two-armed bandits, to give but an abbreviated list. A significant majority of the papers were published in the *Annals of Mathematical Statistics*, and even briefly running through his early papers one sees any Search Committee’s dream candidate in terms of their breadth and quality.

Beyond contributing to the IMS by merely publishing in its journals, early on Ron began what was to be a lifelong commitment to the Institute by taking an active leadership role. In 1963, at the tender age of 32, Ron chaired his first IMS committee, the Program Committee. As anyone who has ever organized an IMS meeting is well aware, this is one of the IMS’s central committees, and heading it requires dedication, diplomacy, and a fair ability at juggling.



As he was committed to the IMS, so Ron was to UW. When he first arrived at Washington there was no independent Statistics department, and activity in Statistics was concentrated in Mathematics. In 1965 a Biomathematics Group interdisciplinary program was set up, in which Ron was heavily involved. Ron also worked tirelessly towards the establishment of an independent Department of Statistics, which was finally established in 1979, and is now one of the leading departments in the US, with over 25 faculty members. Although Ron originally joined the infant department, he shortly after returned to Mathematics.

In 1973 Ron published his first paper on the Brownian sheet (incidentally, as far as I can determine, also coining the name that then stuck to this remarkable process). While Ron’s interest in the Brownian sheet grew out of his work on Kolmogorov-Smirnov type statistics, from the 1970s onwards he was concerned more with its amazing local sample path properties. He was still working on these problems when he retired—and as late as 1997, one year prior to retirement, Ron and I published a paper on this theme. Retirement did not stop Ron from working, and his last paper, written with long-time friend and colleague Willem van Zwet, appeared, appropriately, in the *Annals of Probability*, in 2004.

Over the years Ron supervised 15 PhD students, many of whom are now well known names in statistics and probability. Since she is close to home, I shall mention only the first: Esther Samuel-Cahn, who was awarded the Israel Prize for Statistical Research in 2004.

As one would expect from a scholar of his calibre, Ron was also a Fellow of the ASA and IMS, an Elected Member of the ISI, and had a long list of invited addresses and other honours. As already mentioned, he served as IMS President in 1986–7, and also as ISI Vice President from 1989 to 1991.

Now let’s turn to the gentleman. When I first met Ron in Sydney in 1978, I was a fresh PhD and Ron was a leading scholar of international renown. I remember his talk in the UNSW Statistics seminar—it was about the Brownian sheet—but far more than that I recall his quiet and gentle ways, his caring about



and encouragement of a young scholar, and his words of advice about what to work on and, more importantly, why one should do so. It was the same tone that I had encountered a couple of years earlier when Ron, as the editor of the *Annals of Probability*, helped an inexperienced PhD student get through the forbidding prospect of publishing his first serious paper. Even in the semi-formal, standardized editorial letters, there was something personal, something encouraging, something which was just right to chase away the fears and frustrations of youth.

As the years went by I continued, as did many others, to turn to Ron for advice. He always listened, always had good ideas, and was ever gentle and considerate. The quiet self-confidence mixed with a low key demeanour came from a number of sources, but mainly, I believe, from a deep personal contentment. Ron loved his wife and family with all his heart, and they reciprocated accordingly. He loved his Redmond farm, where for many years he raised Black Angus cattle, and delighted to take visitors to Seattle on tours around it.

Who could forget—especially those of us who were city born and bred—the sometimes questionable delights of tiptoeing, in borrowed boots, through the minefields left behind by the cattle, as Ron pointed out which cow would be the next to deliver while simultaneously discussing the singularities of Brownian sheets. Also not to be forgotten was the voluminous barn, where, while deftly picking through owl boluses, Ron offered insights on the search for multi-dimensional variants of the classic one-dimensional distribution free tests.

Ron was a devout Christian. He enjoyed discussions on comparative religion and theology, but never with the aim of converting anyone to his own beliefs, rather to share and learn through discussion. He served as a Deacon at First Baptist Church of Eastgate and an Elder at Westminster Chapel in Bellevue, active in teaching and music.

In fact, in all that he did—whether it was research, university, family, church or interpersonal relationships—the same key word always surfaces: *service*. Perhaps this is why we shall all miss him so much.

In addition to his beloved wife Gladys, Ron is survived by three sons and daughter, two brothers (one a minister) and a sister, ten grandchildren and two great-grandchildren.

Robert Adler  
Technion, Haifa.

### Camilo Dagum passed away

Samuel Kotz wrote to tell us about the passing away in Ottawa of Camilo Dagum on November 5. Camilo was a Professor in the University of Ottawa for many years, and more recently at the University of Bologna in Italy. He was a leading economist and statistician, an expert on income distributions and human capital. He was a recipient of numerous awards and *Honorari Causa* doctorates.

## IMS Carver Medal: for 'unsung heroes'

Do you know someone who has worked exceptionally hard for IMS, who deserves a little credit for all their work over the years? There is still time to nominate that someone for the 2006 IMS Carver Medal. The award was 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.

The medal will be awarded at a ceremony during the IMS Annual Meeting in Rio de Janeiro (see [www.imstat.org/meetings/ims2006/](http://www.imstat.org/meetings/ims2006/)).

To nominate someone for this award, please check the requirements at <http://www.imstat.org/awards/carver.html>

The deadline for receipt of nominations is **February 1, 2006**.



## Profile: New Beijing Microsoft Stats & IT Lab

In April 2005, the School of Mathematical Sciences at Peking University signed an agreement with Microsoft Asia of Microsoft (China) Co Ltd, to formally establish the Microsoft Statistics and Information Technology Laboratory of Peking University, a research lab in the area of statistical, computational and information science.

The goal of the lab is to train next-generation statistical and information science researchers in China who are equipped with statistical, computational and information science skills to solve problems from information technology areas and beyond and to develop new core statistical and signal processing methodologies to be transported to other application fields.

The founding co-directors are Professor **Bin Yu** of UC Berkeley and Peking University (PKU) and Dr **Hang Li** of Microsoft Research Asia (MSRA), and the founding managing director is Professor **Ming Jiang** of Peking University. Its faculty consists of professors at Peking University including Shuyuan He, Zhi

Geng, Liping Liu, Tie Zhou, Shulin Zhou, Minghua Deng, and Dongfeng Li.

The joint lab invites senior MSRA researchers to give series of lectures at PKU, and provides opportunities for PKU students to be interns at MSRA. It organizes international conferences and summer schools on a regular basis, and hosts visitors in residence to help train students through joint projects.

The current methodology focus of the lab is on machine learning with application areas including remote sensing, information technology, bio-medicine, and neuroscience.

For more information on the lab, go to <http://iria.math.pku.edu.cn/PMSIT/>



Students working in the new Microsoft Statistics and Information Technology Lab at Peking University, Beijing.

Photos by Xin Jiang



## Statistical Humor: Not an oxymoron!

Gary C Ramseyer, Emeritus Professor of Psychology at Illinois State University, has compiled **The First Internet Gallery of Statistics Jokes** at <http://www.ilstu.edu/~gcr Ramseyer/Gallery.html>. Gary, now retired, has been working on this project

for eight years. He says the site has had hits from over 150 different countries, and is linked to from almost 500 different sites. He believes that introducing stat humor in a class “makes statistics go down a little easier.” Here’s a quick sample of the jokes:

✱

*Statistics play an important role in genetics. For instance, statistics prove that numbers of offspring is an inherited trait. If your parent didn't have any kids, odds are you won't either.* (contributed by Hugh W Graham)

✱

*A statistician is a professional who diligently collects facts and data and then carefully draws confusions about them.* (Anon)

✱

*A physicist, a circus strong man, and a statistician are marooned on a desert island. A box of canned food washes ashore, and the question is how to open the cans. The physicist suggests dropping them from the trees so that they break open. The strong man says that's too messy; instead, he will rip the cans open with his bare hands. The statistician says that's still too messy, but he knows how to open the cans without making a mess. “First,” he says, “assume we have a can opener”...* (contributed by Robert Frick)

✱

Your contributions are welcome! Send your stat jokes to Gary at [gcr Ramseyer@ilstu.edu](mailto:gcr Ramseyer@ilstu.edu)



# IMS introduces 'Member Only' area on website

Changes are afoot at [imstat.org](http://imstat.org). IMS Webmaster, Arti Ishwaran, explains:

The Member Only area is expected to be functional on the web site by December 2005 [just after this issue goes to press]. This will allow members more capabilities for managing their membership and accessing member only services, like access to the Current Index to Statistics database. See the article below for more information about CIS.

## Activating your Login

You will need your member ID to register to set up a user ID and password. Follow the link from the login page. Your member ID can be found on the top left corner above your name on the mailing label of any IMS journal or *Bulletin*. If you need assistance finding your member ID, please contact the Dues Office, [staff@imstat.org](mailto:staff@imstat.org), tel: 1.301.634.7029, fax: 1.301.634.7099

During registration, you will be asked to provide a user ID of your choice. Some people prefer to use their email address as a user ID. A temporary password will be mailed to the email address held on IMS

records. If you need to update your email address, please contact the Dues Office.

After successful login, you will be forced to reset your password.

## What can I do in the Member Only Area?

As an IMS Member you can access the CIS database. Just click on the link and you'll be redirected to the CIS site.

You will also be able to change your email address, user ID and password.

In the future, you will also be able to change your contact information (address, phone number and so on). In April 2006, you will need to login in order to vote in the IMS council elections. Membership renewals and ordering *Lecture Notes* and *CBMS* volumes will also be easier once you're logged in, so that you can perform all your transactions without having to type in your personal and payment information repeatedly.

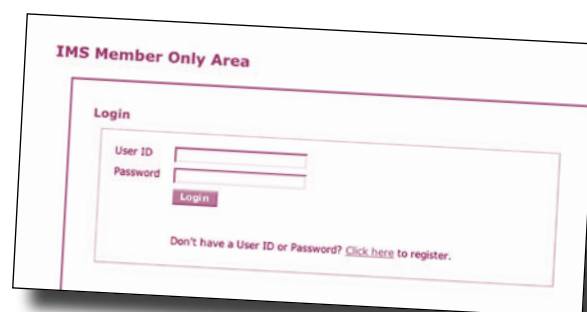
What if I forget my user ID or password?

You can easily retrieve personal information from the Login page, by select-

ing "Forgot Password". Your member ID will be required, and new login information will be sent to your email address, as when you first registered.

## Cookies

You will need to enable cookies to access the login area. The website will only use cookies to track sessions with randomly generated temporary IDs; cookies will not contain any personal information. Cookies cannot discover information about you or your computer. A cookie is *not* something that looks at things on your computer, or examines your history. There will be more information about cookies on the web site.



# Current Index to Statistics: Free access for members

IMS members can now use their free access to the *Current Index to Statistics*. Associate managing editor Alan Zaslavsky explains a bit of the background to the project:

The *Current Index to Statistics* (CIS) is a bibliographic index to publications in statistics and related fields. CIS is a joint venture of the Institute of Mathematical Statistics and the American Statistical Association, and its Management Committee represents the two sponsoring societies.

The editorial philosophy of CIS has been based on a recognition that important publications in statistics and probability are not limited to journals that are explicitly statistical, but also appear in the literature of related theoretical disciplines (such as mathematics) and a wide variety of areas of application. CIS is unique in hav-

ing coverage that is centered in statistics but reaches out to these "neighboring" disciplines. Thus, the content of CIS overlaps with that of indices in mathematics, the natural and social sciences, and other disciplines, but selects from them in a unique way and adds material that is not indexed elsewhere.

References in CIS are drawn from 162 core journals (currently) that are fully indexed, non-core journals from which articles are selected that have significant statistical content, proceedings and edited books, and other sources. Coverage of about 111 original "core" journals is essentially complete since 1975 (or the inception of the journal, if later), and coverage of a number of key journals was extended back to 1965 or earlier by other special projects.

Continued on Page 8

# IMS Web Editor hands over the mouse

Hemant Ishwaran has been IMS Web Editor from January 2003 to December 2005. The new Web Editor is Chris Burdzy from the University of Washington, Seattle. We'll bring you more news about the IMS website in future issues, but first, Hemant wanted to say a few words:

In 2003, when I took over the role as IMS Web Editor, the IMS had decided that its website should start to play a bigger role in the organization. We (Arti Ishwaran, the Web Master and I) were given the task of completely redesigning the web site, with the mission to make it more user friendly, more easily navigable, and richer in content. Our goal was to use the power of the web to bring information quickly to the IMS member and to better facilitate communication between members and the organization (an example of improving communication is the online membership renewal that we put in place). Another goal was to use the web site to bring together the various forms of IMS publication and to provide electronic access to literature (such as material on the arXiv). Previously the different IMS journals had their own servers and tended to work independently of one another. Now all journals are posted on the IMS web site. Another major project is the development of a members-only protected login site. This is a project currently under way and which I plan to complete as my last job for the IMS. The protected site will be used to give IMS members access to all kinds of benefits. For example, access to the CIS database will be available by December 2005. In the very near future, members will be able to change their contact information as well.

I want to thank Arti, for her tremendous work over this time. Many of the major milestones that we reached would not have been

possible without her. I'd also like to thank Elyse Gustafson for all her help and support over my tenure.

Looking back I feel these last few years have been exciting and productive times and I really enjoyed my chance to help out the IMS. When I started in 2003 we had 10,360 visits my first month. This last September we registered 34,535 visits. Thanks again to everyone for their help and positive feedback!

*Hemant Ishwaran*

*Cleveland Clinic Foundation and Case University*



We would like to extend a big thank you to Hemant for all his hard work.

And while we're on the subject of changing IMS Editorships, Greg Lawler has taken over the *Annals of Probability* from Steve Lalley (many thanks to Steve, too!).

The *Annals of Applied Probability* will also be changing hands in March 2006 — more on that in the next issue.



*Greg Lawler, new Editor of the Annals of Probability*

## Free access to Current Index to Statistics

Continued from Page 7

The *Current Index to Statistics* developed out of an initiative by Brian Joiner, who initiated production of *CIS* with references for 1975. Since then a series of dedicated editors have managed abstracting of bibliographic data, selected keywords, and produced annual print volumes. Beginning in 1991, *CIS* started to appear in an electronic format, through the initiative of Bruce Trumbo. Beginning in 2001, *CIS* migrated to the Web as its primary form of dissemination; distribution on paper or physical media has been discontinued. *CIS* Abstracting Editor George Stryan of McGill University now is responsible for selection of material for inclusion in the index and choice of editor-selected keywords. *CIS* Database Editor David James of Lucent Technologies Bell Labs manages the assembly of electronic data from diverse sources, received directly from publishers or generated by the abstracting operation, into a single reference database. Much of the energy of the Management Committee and editors is directed to continuing to improve the coverage and convenience of *CIS* in an era of increasingly sophisticated information retrieval.

By a decision of the Management Committee in 2004, access to the *CIS* query site on the Web has been made freely available to all individual members of the sponsoring societies; the authentication system for IMS members is now being put into place. *CIS* access is also licensed to institutions and individuals; subscriptions are sold through the ASA service office.

For further information, see the *CIS* web site at <http://www.statindex.org/>



### Call for Nominations: Mu Sigma Rho Statistical Education Award

Mu Sigma Rho would like to invite academic institutions to nominate their outstanding teaching faculty for the 2006 Mu Sigma Rho Statistical Education Award. The recipient must have evidence of excellence in classroom teaching in the statistics discipline and must have a lifetime devotion to statistics education. Each academic institution is allowed one nomination per year. In the event that more than one nomination is received from a single institution in a year, only the first will be considered that year. Any college or institution may nominate a potential recipient regardless of whether the institution has an active Mu Sigma Rho chapter. More information on Mu Sigma Rho is available at <http://www.stat.sc.edu/msrnatl.html>

Each nomination should include a cover letter, the nominee's curriculum vitae, a summary of the nominee's teaching and educational activities, and at least three letters supporting the nomination. At least two of these letters should come from present or former students and at least one letter should come from a colleague of the nominee. The deadline for submission of nominations for the 2006 award is **April 1, 2006**. In the event that a nominee is not selected for the 2006 award, the nomination will remain active for three years after the initial submission, unless the institution chooses to put forward another nominee.

Nomination materials should be sent to:

Joshua M Tebbs,  
209F LeConte,  
Department of Statistics,  
University of South Carolina,  
Columbia, SC 29229.

The recipient of the award will be notified in July 2006 and will be presented a plaque at JSM in August 2006. If you have any questions regarding this award, please feel free to email Dr. Tebbs at [tebbs@stat.sc.edu](mailto:tebbs@stat.sc.edu).

## Laha Travel Award: apply for travel to Rio de Janeiro

With funds from a generous bequest by the late Professor Radha Govind Laha, IMS has established the Laha Awards to provide funds to travel to present a paper at the IMS Annual Meeting, which will be held in the beautiful city of Rio de Janeiro in Brazil, from July 30 to August 4, 2006.

**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. And student membership if free, of course: see [imstat.org/membership/student.htm](http://imstat.org/membership/student.htm) for details.

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

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

**Deadline:** Applications by **February 1, 2006**.

**Additional Information:** *Applications will be reviewed by the IMS Committee on Travel Awards, and applicants will be notified in early March. It is expected that at least eight awards will be made. The work must be that of the student (or new researcher), although it may be have been done in collaboration with an advisor or others. All applicants must submit their paper to the meeting directly (see <http://imstat.org/meetings/ims2006> for more information). This travel grant award application and the meeting abstract submission are separate.*



Radha Govind Laha

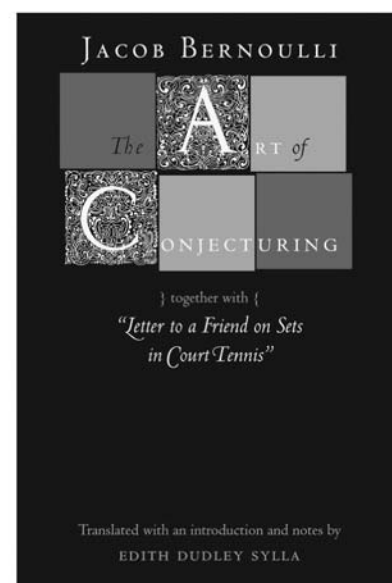
### The Art of Conjecturing together with Letter to a Friend on Sets in Court Tennis

JACOB BERNOULLI

Translated with an introduction and notes by  
EDITH DUDLEY SYLLA

"Bernoulli's *The Art of Conjecturing* has always been recognized as one of the outstanding texts in the history of probability, marking a dramatic development in the theory. The lack of a complete translation has hampered an understanding of the exact nature of its achievement. With Sylla's translation, it becomes clear what a comprehensive and revolutionary work it was."

—James Franklin, University of South Wales  
528 pages, \$70.00 hardcover



THE JOHNS HOPKINS UNIVERSITY PRESS • 1-800-537-5487 • [www.press.jhu.edu](http://www.press.jhu.edu)

# CBMS: Call for proposals for 2007 meetings

## Request for Proposals for the 2007 NSF-CBMS Regional Research Conferences in the Mathematical Sciences

**Proposal Due Date: April 7, 2006**

To stimulate interest and activity in mathematical research, the National Science Foundation intends to support up to seven NSF-CBMS Regional Research Conferences in 2007. A panel chosen by the Conference Board of the Mathematical Sciences will make the selections from among the submitted proposals. In the thirty-seven year history of this NSF-CBMS Regional Research Conference Series, a total of 302 such conferences have been held.

Each five day conference features a distinguished lecturer who delivers ten

researchers and interested newcomers, including postdoctoral fellows and graduate students, to attend.

## Distinguishing Features of the Regional Research Conference Series

The continuing success and strength of this conference series over the past thirty-seven years is due to certain distinguishing features which differentiate these conferences from typical research conferences. These are

Focus on a single important and timely area of research by a leading practitioner.

Published monograph for a wider audience.

Continued effect and local stimulation through regional emphasis.

Panel review for quality, breadth, and timeliness.

## Eligibility

Colleges or universities with at least some research competence in the field of the proposal are eligible to apply. Since a major goal of these conferences is to attract new researchers into

the field of the conference and to stimulate new research activity, institutions that are interested in upgrading or improving their research efforts are especially encouraged to apply.

## Review Criteria

Since individual proposals for conferences are evaluated on how well they satisfy the general aim of the conference series, the criteria for evaluation, which are implicit in the description above, are the following:

- The significance of the chosen topic and the ripeness of the field for such a conference.
- The competence of the proposed lec-

turer, both as a research leader in the field and as a lecturer and expositor.

- The extent to which the conference should be able to attract other researchers, mathematicians interested in entering the field, post doctoral fellows, and graduate students, and thus be able to stimulate additional research in the field.
- The anticipated value of the resulting monograph to the larger mathematical community.
- The effort made to include underrepresented groups such as women, minorities, and persons with disabilities.
- The value of the conference to its host institution and to its geographical region and the likelihood of continued interaction among the participants at the conference.
- The competence of the conference organizer (principal investigator) and the appropriateness of the host institution as evidenced by the quality of the proposal itself and the proposed local arrangements for housing, meals, etc.

## Further information

Information on the submission of proposals, how to describe the project, and details on all the above are available at the CBMS website, [http://www.cbmsweb.org/NSF/2007\\_call.htm](http://www.cbmsweb.org/NSF/2007_call.htm)

Inquiries concerning this conference series or the preparation of proposals for conferences should be directed to

*CBMS*

*1529 Eighteenth Street NW  
Washington DC 20036*

Email: [rosier@georgetown.edu](mailto:rosier@georgetown.edu) or  
[lkolbe@maa.org](mailto:lkolbe@maa.org)

Tel: 202-293-1170

Fax: 202-293-3412



lectures on a topic of important current research in one sharply focused area of the mathematical sciences. The lecturer subsequently prepares an expository monograph based upon these lectures, which is normally published as a part of a regional conference series. Depending upon the conference topic, the monograph is published by the American Mathematical Society, the Society for Industrial and Applied Mathematics, or jointly by the American Statistical Association and the Institute of Mathematical Statistics.

Support is provided for about 30 participants at each conference and the conference organizer invites both established

# Meet the Members

Continuing our regular slot, some IMS members reveal a little of themselves...



## *Catherine M. Crespi*

Postdoctoral fellow, Dept of Biostatistics,  
University of California, Los Angeles  
Member of the IMS for 4 years

*If you could have any other occupation, assuming money is not an object, what would it be?* I'm a serious amateur ballet dancer, and if talent were no object, I'd do it professionally.

*Where is your favorite place to travel and why?* Anywhere that is amenable to touring on foot or by bicycle.

*The most useful invention is...*  
Einstein considered the most useful invention to be the zipper, but having had two children, I'd have to go with disposable diapers.

*Tell us something that others might find surprising about you?*

I returned to school to earn a PhD in biostatistics after working in environmental policy for many years and then taking time off to have children. There is a common misconception that a newly minted PhD must have gone to school continuously and be under 30. This misconception is reflected in the many "new researcher" grants and awards that set age limits of 30 or 35 or (egads!) 40. This is an outdated notion that does not reflect the new diversity of career paths and the entry of women into the field.

## *Paul Shaman*

Professor of Statistics, University of  
Pennsylvania  
Member of the IMS for **43 years**

*If you could have any other occupation, assuming money is no object, what would it be?* I'd be a pastry chef

*Where is your favorite place to travel and why?* Italy: the people are friendly and hospitable, and the food is wonderful.

*The most useful invention is...* the wheel.

*Tell us something that others might find surprising about you.* While in high school and college I was a play-by-play radio announcer for football and basketball games. I did this for six years.



## *Valbona Bejleri*

PhD Statistics, University of District of  
Columbia  
Member of the IMS for over 2 years

*If you could have any other occupation, assuming money is not an object, what would it be?* I like teaching as well as research, so I have no job in mind other than in academia.

*Where is your favorite place to travel and why?* I would like to travel in Europe and my country Albania.

*The most useful invention is...* the computer  
*Tell us something that others might find surprising about you.* In my family there are three members (my brother, my husband, and I) that earned higher degree education in USA, right after Albania was opened to the West.



# Terence's Stuff: Beauty and Statistics

**Terry Speed suggests that statistics is not the Beast that many think. Rather it is the Beauty (or at least, there is much beauty in it!)**



We are all familiar with music, writing, paintings or other works of art which take our breath away, which cause our hearts to beat faster, or to stop briefly. For me arias from my favourite operas (such as *Un bel di* from Puccini's *Madama Butterfly*), have this effect, as do many other works of art. Can statistics evoke similar responses? I hope so. After all, many of us are devoting a considerable proportion of our lives to statistics, so it would be sad indeed if we found no aesthetic pleasure in it.

I didn't study statistics in high school, as I was in the 'serious' math stream, at a time when statistics was only in 'general' course. However, I had a good friend doing this course, and I used to read his text and discuss his problems with him. It was through him that I first met the bell curve, the associated tables and the formula for the normal density. I was know immediately captivated by the formula, and thought it was wonderful that you could predict with reasonable accuracy how many heads would come up when tossing of 100 coins.

(That pleasure has never diminished, incidentally: I now have a very large collection of pennies, and when I teach introductory statistics, I like to hand out sets of 100 of them to 10-20 groups of students in the class and ask them to toss them and count the number of heads. We quickly accumulate a good number of

realizations of this experiment, and when I tally the results on the blackboard, everyone is amazed at the precision with which we can describe the outcome:  $19/20$  are within 10 of 50, almost every time! Who could fail to be impressed by this?)

In James R Newman's wonderful collection *The World of Mathematics*, you can find a short story, "The Law" (vol IV, p 2268), which Newman describes as, "a fascinating, and, in a way terrifying, story of a

sudden mysterious failure of the 'law of averages'." Statistics inspires literature.

When I finally got to take a first statistics course, we had "practical work", devised by a very imaginative lecturer named Geoffrey H Jowett. He got us to shove ha'pennies and measure how close we got to a line, to count the radiation coming from the luminous dials of our watches, to rank photographs of movie stars for beauty, to grow grass under different treatments on table top beds of soil, cutting and weighing the "yield" around mid-term, and much more. I'll never forget the day when I had finished using the Geiger counter and stopwatch to record the number of emissions from a watch in many short time intervals of the same length. We fitted a Poisson distribution to the counts, and tallied up the observed minus expected squared divided by expected. Lo and behold, it came in at about what it should be according to

**Francis Galton on statistics:**  
*Some people hate the very name 'statistics', but I find them full of beauty and interest.*

*[Natural Inheritance, 1889]*

not. Around that time I would have met my first two-way table of counts that fitted a multiplicative model, and my first scatter plot that had a half-reasonable correlation, where regression helps. Each time my heart beat a little faster.

Another real pleasure for me is seeing how standard statistical models or methods

can (at times) extract information from data. I'm sure we've all been surprised and delighted at the ease with which

principal components analysis can reveal meaningful structure. I've often felt the same about spectral analysis, ANOVA, and wavelet analysis.

What's going on here? Is it our occasional ability to "tame" unruly sets of data, to find order in disorder? I think that is a good part of the appeal to me: this paradoxical aspect of randomness, the possibility of separating signal from noise. A great example of this is least squares. I fell for it early on, and I still love it, despite knowing that it is just a starting point. When I have occasion to use least-squares, I sometimes think of Gauss walking or riding around Hanover, taking measurements of this church steeple from that, working at night by candlelight inventing short-cuts to permit him to solve the large systems of equations he built up. Being part of that great tradition—as with attending yet another performance a great opera—just adds to my enjoyment.

Much has been written about the beauty of mathematics, and I agree with most of it. I don't think the mathematics of statistics ranks very highly, but I do think that statistics has its own beauty, one that arises in the interplay of mathematics, data and the real world, a combination that is unique to our subject.





# IMS Meetings around the world

## 2006 IMS Annual Meeting & X Brazilian School of Probability (XEBP)

IMPA, Rio de Janeiro, Brazil July 30–August 4, 2006

<http://www.imstat.org/meetings/IMS2006/>

### Registration and hotel bookings now open

The 2006 IMS Annual Meeting will be held jointly with the 10th Brazilian School of Probability (XEBP) at IMPA (Instituto Nacional de Matemática Pura e Aplicada), Rio de Janeiro, Brazil from July 30 to August 4, 2006.

### IMS Special Invited Speakers:

The 2006 Wald Lectures will be delivered by **Peter Hall**; the Le Cam lecture by **Stephen Stigler**, and the Medallion Lectures by **Paul Glasserman**,

**Greg Lawler**, **Thomas Mountford**, and **Michael Woodroffe**.

### Stimulating program:

The meeting co-chairs (for probability: Robert Adler and Steve Lalley; for statistics: Sara van de Geer and Guenther Walther) have been working to arrange a varied and stimulating program. The full listings for the statistics program (July 30–August 2) and the Fifth International Symposium on Probability and its Applications (August 2–4) are listed on the redesigned meeting website above.

*Co-Program Chairs for Statistics:* Guenther Walther, Stanford University, and Sara van de Geer, University of Leiden. *Co-Program Chairs for Probability:* Steve Lalley, University of Chicago, and Robert Adler, Technion–Israel Institute of Technology. *Local Chair:* Maria Eulália Vares, Centro Brasileiro de Pesquisas Físicas.

**XEBP Mini-courses:** **Yuval Peres** (UC Berkeley) “Determinantal processes and zeros of Gaussian analytic functions”; **Murad Taqqu** (U Boston) “Self-similarity and long-range dependence”. EBP invited speakers are: **Vincent Beffara** (ENS Lyon); **J van den Berg** (CWI); **Stella Brassesco** (IVIC); **Donald Dawson** (Carleton Univ); **Paul Dupuis** (Brown Univ); **Vlada Limic** (UBC); **Jim Pitman** (UC Berkeley).

**Travel grants for students and new researchers** are available: apply for an IMS Laha Travel Award by February 1, 2006: see [imstat.org/awards](http://imstat.org/awards). Or apply for a travel grant from EBP: check the EBP website for details: [http://www.impa.br/eventos/2006\\_escola\\_brasileira\\_de\\_probabilidade\\_impa.html](http://www.impa.br/eventos/2006_escola_brasileira_de_probabilidade_impa.html)



### IMS co-sponsored meeting

**Classification Society of North America 2006 Meeting on Network Data Analysis and Data Mining: Applications in Biology, Computer Science, Intrusion Detection, and Other areas**  
May 10–13, 2006

**DIMACS, CoRE Building, Rutgers University, Piscataway, NJ**

<http://dimacs.rutgers.edu/Workshops/CSNA/>

IMS Representative: David Banks

**NEW**

### IMS co-sponsored meeting

**IWAP 2006: Third International Workshop in Applied Probability**  
May 15–18, 2006

**University of Connecticut, Storrs, CT**

<http://www.stat.uconn.edu/IWAP2006>

The workshop will bring together and foster exchanges and collaborations among scientists in the field of probability. It is planned to have an interdisciplinary conference in probability with applications in several areas of science and technology, including: actuarial science and insurance, bioinformatics, biosurveillance, computer science, data mining, finance, learning theory and target tracking. The plenary speakers, members of the scientific committee and the organizers of invited sessions include leading scientists in diverse areas of research in probability from all over the world. This will ensure a strong and broad scientific program and participation of scientists from all over the world.

The format of the workshop will be: two plenary one-hour lectures, including a ten minute discussion, each day, followed by several invited sessions, run in parallel. Participants are going to be invited to submit their research presentations to *Methodology and Computing in Applied Probability*, a journal published by Springer. Moreover, we are planning to publish a collection of review articles based on selected articles presented at the workshop.

The proposed workshop will build on the success of IWAP 2002, which took place at the University of Simon Bolivar, Caracas, Venezuela, and IWAP 2004, held at the University of Piraeus, Greece. Seventy researchers from fifteen countries attended IWAP 2002 and over two hundred participants from twenty countries attended IWAP 2004. IWAP 2002 and 2004 were co-sponsored by the Bernoulli Society and the Institute of Mathematical Statistics. Financial support was provided by several organizations, including: Institute of Mathematical Statistics and National Security Agency.

Information on registration, abstract submission and local contact information is available on the workshop website.

**NEW**

# IMS Meetings around the world

## Joint Statistical Meetings: Seattle, August 6–10, 2006

W <http://www.amstat.org/meetings/jsm/2006/>

Join the largest international gathering of statisticians in the world. Each year, the Joint Statistical Meetings offer cutting-edge presenters for four days of Technical Sessions, Roundtable Sessions, Continuing Education Courses, Computer Technology Workshops, and Poster Sessions, as well as the Career Placement Service, Exhibitors, and Marketplace. Attendees can network at several receptions, stay in touch at the Cyber Café and Message Center, and enjoy business, committee, and social meetings.

JSM (the Joint Statistical Meetings) is held jointly with IMS, ASA, the International Biometric Society (ENAR and WNAR), and the Statistical Society of Canada. Attended by over 5000 people, activities of the meeting include oral presentations, panel sessions, poster presentations, continuing education courses, exhibit hall with state-of-the-art statistical products and opportunities, career placement service, society and section business meetings, committee meetings, social activities, and networking opportunities. Seattle is the host city for JSM 2006 and offers a wide range of possibilities for sharing time with friends and colleagues. For information, contact [jsm@amstat.org](mailto:jsm@amstat.org) or phone toll-free (800) 308-8943.

### Key Dates for JSM

**December 1, 2005–February 1, 2006** Online Submission of contributed abstracts.

**March 31, 2006** Preliminary Technical Program available online for viewing with search capabilities.

**March 31 - April 16, 2006** Presenters can make revisions to abstracts for final publication.

**May 1, 2006** Registration materials and Hotel reservations available on the JSM web site.

**May 31, 2006** Preliminary program posted on the JSM web site in a downloadable PDF file.

**May 19, 2006** Draft manuscripts due to session chairs.

**June 30–July 20, 2006** Advance Registration (increased fees apply).

**July 7, 2006** Hotel reservations deadline.

**July 14, 2006** Downloadable PDF version of the Final Program available on JSM web site.

**August 5–10, 2006** On site registration (increased fees apply)



## Now Accepting Contributed Abstracts

The 2006 Joint Program Committee invites submission of contributed papers for the program of the Joint Statistical Meetings. English is the official language of the Joint Statistical Meetings. All abstracts, papers, and oral presentations will be in English.

### ABSTRACT SUBMISSION OPTIONS

All abstracts for JSM 2006 papers must be submitted with payment to the ASA office via internet or mailed diskette by the due dates provided below.

- I. **ONLINE SUBMISSION (preferred):** Online submission is secure, convenient, and accurate, featuring automated typesetting and quick transmission to the Program Committee. If you choose to submit an abstract and register on the internet, you do not need to use the attached paper form. The deadline date for online abstract submission and payment is **February 1, 2006**.
- II. **MAIL-IN WITH DISKETTE SUBMISSION:** Although you are strongly encouraged to submit over the internet, you may submit by sending an IBM-PC compatible 3.5" diskette. Complete the attached Abstract Submission and Registration Form and mail to *JSM 2006 ABSTRACTS, c/o ASA, 1429 Duke Street, Alexandria, VA 22314-3415*. Please attach a hard copy of your abstract with your diskette. Macintosh disks will not be accepted. Mail-in submissions must be **received** in the ASA office (not postmarked) by **Monday, January 16, 2006**.

Contributed papers may be given on any topic of statistical interest. The intent is to broaden the scope of the meeting by covering new developments. Contributed paper sessions should encourage the presentation of papers by younger statisticians.

Authors are encouraged to submit papers on the theme set by 2006 ASA President Sallie Keller-McNulty, Statistics for an Uncertain World: Meeting Global Challenges. Contributed and invited sessions on this subject will be designated in the program as themed sessions. The author of a contributed paper may elect to use one of the following formats:

- a) Regular Contributed Paper
- b) Topic-contributed Paper
- c) Topic-contributed Panel
- d) Regular Contributed Poster
- e) Topic-contributed Poster

Please see the JSM website for details and fees information: <http://www.amstat.org/meetings/jsm/2006/index.cfm?fuseaction=abstracts>

IMS sponsored meeting:

## 9th IMS meeting of New Researchers in Statistics and Probability

University of Washington, Seattle, WA

August 1–5, 2006

NEW

APPLY  
BY FEB 1Co-chairs: Peter Craigmile and Peter Hoff: [nrc@stat.ohio-state.edu](mailto:nrc@stat.ohio-state.edu)w <http://www.stat.ohio-state.edu/~pfc/NRC/>

The IMS Committee on New Researchers is organizing another meeting of recent PhD recipients in statistics and probability.

The conference aims to promote interaction among new researchers, primarily by introducing them to each other's research in an informal setting. Participants will present talks and posters on their research and discuss interests and professional experiences over meals and social activities organized through the meeting as well as by the participants themselves. The relationships established in this informal collegiate setting among junior researchers are ones that may last a career, maybe a lifetime!

The meeting is to be held immediately before the 2006 Joint Statistical Meetings in Seattle, WA.

**Eligibility:** Anyone who has received a PhD in statistics or probability since 2001 or expects to receive a PhD by 2007.

**Application:** Those interested in attending the conference should submit a letter of intent, a curriculum vitae and an abstract for a talk or poster. Email these materials (preferably as PDF files) to the IMS New Researchers Committee at the email address above. The deadline for receipt of applications is **February 1, 2006**. 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.

**Further information:** For any questions or comments contact Peter Craigmile (Department of Statistics, The Ohio State University) or Peter Hoff (Department of Statistics, University of Washington).

IMS sponsored meeting:

## 31st Conference on Stochastic Processes and their Applications

July 17–21, 2006, Paris, France

w <http://www.proba.jussieu.fr/spao6/>

IMS reps: Edwin Perkins, Jim Pitman, Philip Protter, Alain-Sol Sznitman, Simon Tavaré and Ed Waymire.

**Participant Support for 31st Conference on Stochastic Processes and their Applications**

UPDATED

Travel support is requested for US participants attending the 31st Conference on Stochastic Processes and their Applications, an international meeting to be held July 17–21, 2006, in Paris, France. Junior researchers and members of groups underrepresented in the research area will be particularly encouraged to apply for the available support. See <http://www.proba.jussieu.fr/spao6/ustravelsupport.php>

The conference is sponsored by the Committee for Conferences on Stochastic Processes (CCSP) of the Bernoulli Society for Mathematical Statistics and Probability, and IMS. The local organizing committee is Jean Bertoin, Laboratoire de Probabilités, U. Paris VI and VII, Mireille Chaleyat-Maurel, Mathématiques Appliquées, Paris V, Anne Estrade, Mathématiques Appliquées, Paris V, Erwan Le Pennec, Laboratoire de Probabilités, U. Paris VI and VII and Sylvie Méléard, U. Paris X

The conference program is a mix of plenary invited lectures in the mornings and parallel sessions for contributed talks in the afternoon, and is designed to allow time for research discussions outside the formal presentations. This year the invited speakers are: **Rick Durrett**, Cornell University (IMS Medallion Lecture); **Nicole El Karoui**, École Polytechnique; **Hans Föllmer**, Humboldt Universität (Lévy Lecture); **Harry Kesten**, Cornell; **Michel Ledoux**, Université Paul-Sabatier (IMS Medallion Lecture); **Zeng Hu Li**, Beijing Normal U; **Sean Meyn**, U of Illinois; **Thomas Mikosch**, University of Copenhagen; **Elchanan Mossel**, UC Berkeley; **Jaime San Martín**, U de Chile; **Marta Sanz-Solé**; **Terry Speed**, UC Berkeley; **Maria Eulália Vares**, IMPA, Brazil; **Cedric Villani**, École Normale Supérieure de Lyon; and **Balint Virag**, U of Toronto.

Check the website for updates.

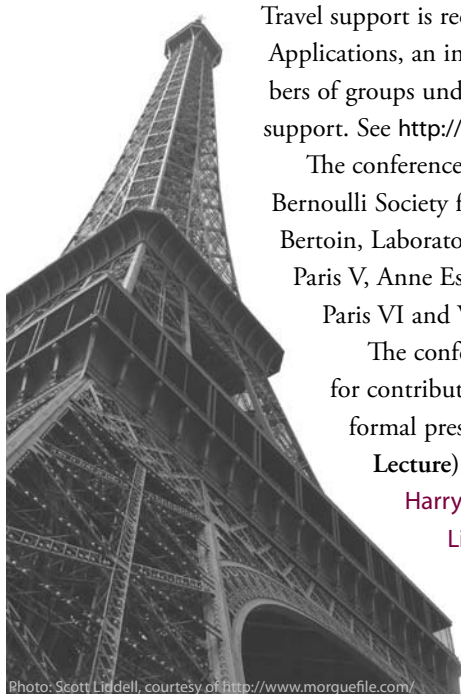


Photo: Scott Liddell, courtesy of <http://www.morguefile.com/>

# IMS Meetings around the world

## IMS co-sponsored meeting

### Statistical Models for Biomedical and Technical Systems

May 29–31, 2006

Limassol, Cyprus

IMS Rep: Filia Vonta

<http://www.ucy.ac.cy/biostat2006>

#### Call for Papers:

**Deadline for submission of extended abstract (4-6 pages, in English): February 15, 2006.**

The conference will provide a forum for presenting new statistical models and mathematical methods for Survival Analysis, the Reliability of Engineering and Technical Systems as well as the Reliability of Biological and Biomedical Systems. The Conference is organized by the University of Cyprus and the Séminaire Européen – European Seminar “Méthodes Mathématiques pour l’Analyse de Survie, Fiabilité et Qualité de Vie”.

The meeting will be held at the Beach Hotel Miramare Bay Resort, in the seaside town of Limassol, Cyprus  
<http://www.miramare.com.cy/>

The topics at the meeting will include: Epidemiology of Cancer Risk and Environmental or Nutrition Factors; Statistical Models and Methods in Epidemiology; Semi-Markov Processes with Applications; Generalizations of the Cox Regression Model; Statistical Models and Methods in Reliability; Probabilistic Models in Reliability; Semi-parametric Inference in Survival Analysis; Models and Methods in Longevity, Aging and Degradation; Models and Methods in Survival Analysis; Models in Biosciences and Medicine; Accelerated Life Models; and Analysis of Quality of Life

For further information, please contact the conference organizer, I Vonta:

*Department of Mathematics and Statistics, University of Cyprus, CY-1678 Nicosia, CYPRUS*

Phone: (357) 22892625; Fax: (357) 22892601; email: [biostat2006@ucy.ac.cy](mailto:biostat2006@ucy.ac.cy)



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

## 2006

### IMS Annual Meeting:

Rio de Janeiro,  
Brazil, July  
30–August 4,  
2006. With X  
Brazilian School of  
Probability (XEBP)  
<http://www.imstat.org/meetings/IMS2006/>

### JSM: Seattle, August

6–10, 2006. IMS  
Program Chair:  
Chris Genovese;  
IMS Contributed  
Paper Chair:  
Jennifer Hoeting  
<http://www.amstat.org/meetings/jsm/2006/>

## 2007

### IMS Annual Meeting @

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

## 2008

### IMS Annual Meeting:

Singapore, July  
20–26, 2008.  
With VII Bernoulli  
World Congress.

JSM: Denver,  
August 3–7, 2008.

## 2009

### IMS Annual Meeting

@ JSM: Washington,  
August 2–6, 2009.

## IMS co-sponsored meeting

### Statistical Challenges in Modern Astronomy IV

June 12–15, 2006

The Penn State University, University Park, PA, USA

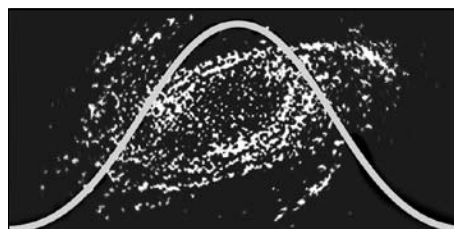
<http://astrostatistics.psu.edu>

IMS Rep: G Jogesh Babu [babu@stat.psu.edu](mailto:babu@stat.psu.edu)

The fourth in a series of interdisciplinary international research conferences, SCMA IV will be held during June 12–15, 2006 at the Pennsylvania State University, University Park, USA. It will follow the 2nd Summer School in Statistics for Astronomers & Physicists (June 5–9, 2006).

Astronomy at the beginning of the 21st century, and particularly research arising from wide-field survey observatories at various wavebands, finds itself with serious challenges in statistical treatments of data to achieve its astrophysical goals. A vast range of statistical problems arise in the scientific interpretation of astronomical studies involving sampling, multivariate and survival analysis, image and spatial analysis, signal processing and time series analysis, nonlinear regression, and more.

**Funding for young researchers:** Some funds are available to support registration and partial travel costs of graduate students and young researchers at U.S. institutions to the SCMA IV research conference. Contact Eric Feigelson prior to February 1, 2006 to apply for this funding. Please give your full name, institution & educational status; briefly describe your research interests; state whether you intend to present a contributed poster paper at SCMA IV; and outline your travel funding situation.





# 2006 Summer Research Conferences: Snowbird, Utah

## 2006 Joint AMS-IMS-SIAM Summer Research Conferences

### Snowbird Resort, Snowbird, Utah

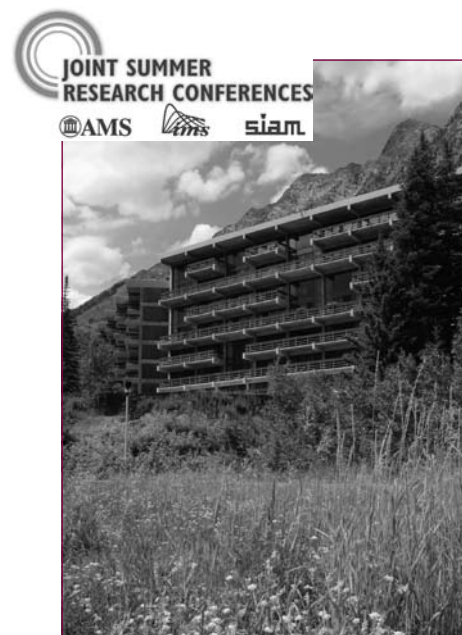
June 4–29, 2006

The 2006 Joint Summer Research Conferences will be held at the Snowbird Resort (<http://summer.snowbird.com/pages/home/default.php>) from June 4 to June 29, 2006. The topics and organizers for the conferences were selected by a committee representing the American Mathematical Society (AMS), the Institute of Mathematical Sciences (IMS), and the Society for Industrial and Applied Mathematics (SIAM).

It is anticipated that the conferences will be partially funded by a grant from the National Science Foundation and

perhaps others. Particular encouragement is extended to junior scientists to apply. A special pool of funds expected from grant agencies has been earmarked for this group. Other participants who wish to apply for support funds should so indicate; however, available funds are limited, and individuals who can obtain support from other sources are encouraged to do so.

All persons who are interested in participating in one of the conferences should request an invitation by sending the information required (see list at <http://www.ams.org/meetings/src06.html>) to *Summer Research Conferences Coordinator, AMS, P.O. Box 6887, Providence, RI 02940*, or by email to [wsd@ams.org](mailto:wsd@ams.org) no later than **March 3, 2006**.



Snowbird Lodge. Credit: Eric Schramm/Snowbird

## IMS Mini meeting

### Recent Advances on Stochastic Computation and Bioinformatics August 2–3, 2006: University of British Columbia, Vancouver

Organizers: Arnaud Doucet and IMS Rep Raphael Gottardo • [raph@stat.ubc.ca](mailto:raph@stat.ubc.ca)  
[http://hajek.stat.ubc.ca/~raph/workshops/ims-mini/ims\\_workshop.html](http://hajek.stat.ubc.ca/~raph/workshops/ims-mini/ims_workshop.html)

Advances in molecular biology and high-throughput sequencing, and the long and expensive drug-discovery cycle created a huge increase in bioinformatics research. Because of the unique circumstances that generated the data (e.g. large  $p$  small  $n$  paradigm), standard statistical methods are not suitable. Complex statistical models making the most of the available prior information have been developed. These models, popular for genomic/proteomic applications, provide a challenge for stochastic simulation techniques due to their complex local dependency structures and the large amount of parameters.

The meeting will focus on recent developments in both statistical modeling and stochastic computing for bioinformatics.

#### Invited Speakers:

**Christophe Andrieu** (Bristol University), **Peter Muller** (MD Anderson), **Dave Stephens** (Imperial College), **Jon Storey** (UW, to be confirmed), **Jon Wakefield** (UW), **Mike West** (Duke)



#### Registration:

Please note that there is no registration fee at this stage but we have limited the number of participants to 40 (including invited speakers). Registration is mandatory, and will be on a first come first serve basis. Please email Raphael Gottardo if you would like to register, be sure to indicate your name and your institution in the email. Once the maximum number of participants has been reached, an announcement will be made on the meeting's website.

#### Practical details:

The meeting will take place in the MSL lecture theater on the UBC campus in Vancouver. Participants are responsible for making their own travel and accommodation arrangements. Please be advised that summer is a very busy season and we urge you to make reservations as soon as possible.

#### Acknowledgments:

This meeting is sponsored by the Institute of Mathematical Statistics and the UBC bioinformatics centre (UBiC).

## IMS co-sponsored meeting:

**Second Cornell Probability Summer School****June 26 - July 7, 2006**

Ithaca, NY

**w** [www.math.cornell.edu/~durrett/CPSS2006/](http://www.math.cornell.edu/~durrett/CPSS2006/)

The 2006 Cornell Probability Summer School will be held June 26-July 7, 2006 at Cornell. The theme is probability problems that arise from genetics. The aim is to introduce probabilists who have no prior experience in this area to research problems in this exciting interface. No knowledge of molecular biology will be assumed. The three main lectures who will give six lecture series are Warren Ewens (U of Pennsylvania), Bob Griffiths (Oxford), and Simon Tavaré (U of Southern California). In addition there will be one hour lectures by Allison Etheridge, Steve Evans, Steve Krone, Paul Joyce, Jason Schweinsberg, and Vlada Limic.

This conference is supported by an NSF grant to the probability group at Cornell. We ask that participants please register on the web page above. Graduate students and young faculty members can apply for support for local expenses. In addition, participants who would like to give a thirty minute talks on a topic related to the conference theme can submit the proposed title of their lecture. People who want support or to give a lecture should submit their information by **March 1, 2006**.

**UPDATED**

## IMS co-sponsored meeting:

**Frankfurter Stochastik-Tage / German Open Conference on Probability and Statistics****March 14–17, 2006, Goethe-University Frankfurt/Main, Germany****w** [http://stoch2006.math.uni-frankfurt.de/index\\_en.html](http://stoch2006.math.uni-frankfurt.de/index_en.html)

IMS Reps: Norbert Henze, Arnold Janssen, Christine Mueller, Axel Munk, Rainer Schwabe, Anton Wakolbinger

This conference is held every two years by the Fachgruppe Stochastik of the German Mathematical Society. It provides a forum for participants from universities, business, and industry to discuss new results in the area of probability and statistics. The conference languages are English and German.

The Frankfurter Stochastik-Tage are co-sponsored by IMS and the Bernoulli Society for Mathematical Statistics and Probability.

Previous meetings were held in Marburg (1993), Freiberg (1996), München (1998), Hamburg (2000), Magdeburg (2002) and Karlsruhe (2004).

Contact: Frankfurter Stochastik-Tage 2006, German Open Conference on Probability and Statistics, c/o Prof. Dr Götz Kersting, Goethe-Universität Frankfurt, ISMI - Institut für Stochastik & Mathematische Informatik, Robert-Mayer-Str. 10, D-60325 Frankfurt, Germany. **f** 0049-(0)69-798 23881; **t** 0049-(0)69-798 22644/28651; **e** [stoch2006@math.uni-frankfurt.de](mailto:stoch2006@math.uni-frankfurt.de)

## IMS co-sponsored meeting:

**Workshop on Frontiers of Statistics****May 18–20, 2006****Princeton, NJ****w** <http://www.orfe.princeton.edu/conferences/frontiers/index.htm>

IMS Reps: Jianqing Fan, Luisa Fernholz, Hira Koul

The work intends to bring top and junior researchers together to define and expand the frontiers of statistics. It provides a focal venue for top and junior researchers to gather, interact and present their new research findings, to discuss and outline emerging problems in their fields, and to lay the groundwork for fruitful future collaborations. A distinguished feature is that all topics are in core statistics with interactions with other disciplines such as biology, medicine, engineering, computer science, economics and finance. Topics include Nonparametric inference and machine learning; Longitudinal and functional data analysis; Nonlinear time series, Financial econometrics; Computational biology, genomics and survival analysis; MCMC, Bootstrap, robust statistics; Experimental design and industrial engineering

**Travel support:** There is financial assistance available for graduate student, post-doctoral fellows, and junior scholars to contribute to their expenses such as housing or travel or registration. Download an application form from the website.



## IMS co-sponsored meeting:

**2007 ENAR/IMS Spring Meeting****March 11-14, 2007****Hyatt Regency Atlanta, Georgia**

*Please note new date and location* (due to location change for 2006 ENAR, now in Tampa, Florida: see overleaf for details)

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

## IMS co-sponsored meeting:

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

## IMS sponsored meeting:

**2006 WNAR/IMS Western Regional Meeting****June 27-30, 2006, Flagstaff, Arizona****w** <http://www.math.nau.edu/wnar/>

IMS Program Chair: Wolfgang Polonik  
(see advert, page 19)

# WNAR/IMS 2006 at 7,000 feet!

June 27–30, 2006

Flagstaff, Arizona

[www.math.nau.edu/wnar/](http://www.math.nau.edu/wnar/)

Northern Arizona University in Flagstaff, AZ, is hosting the 2006 WNAR/IMS meeting (Western North American Region of the International Biometrics Society and the Institute of Mathematical Statistics)

#### Short Course, June 27

*Statistical Methods for Analysis of Missing Data*

XH Andrew Zhou, University of Washington

#### WNAR Presidential Invited Address:

*"(Data) Size Does Matter, but you might be in for a surprise..."*

Xiao-Li Meng, Harvard University

#### Sample of Invited Sessions

*Mixture Models in Genetic and Genomic Studies; Statistical Methods in Functional Imaging; Spatial Aspects of Design-Based Samples in Model-Based Estimation; New Methods for Sample Size Calculation*

#### Activities for New Researchers

Student paper competition

New researchers' luncheon

New researchers' session on longitudinal data analysis

#### Traveling to Flagstaff

America West offers flights to Flagstaff, or fly to Phoenix and take the shuttle.

Amtrak trains serve Flagstaff. Some student travel awards are available.

#### Join our societies!

WNAR: [www.wnar.org](http://www.wnar.org)

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



#### Other Attractions

Conference banquet

Textbook publishers' booths

Comfortable weather, with daily highs around 82°F, and less than half an inch of rain in June

The Grand Canyon. The San Francisco Peaks. Walnut Canyon. The Painted Desert. Wupatki. Sunset Crater. Oak Creek. Sedona. Meteor Crater. Lowell Observatory.

And a whole lot more!



**NORTHERN  
ARIZONA  
UNIVERSITY**

Main photo above: Grand Canyon from Pima Point, West Rim Drive [US National Park Service (NPS) photo]. Below: Ponderosa pine forest around Flagstaff [Oregon State University, Dept of Botany and Plant Pathology]; Wupatki National Monument [NPS]; California Condor [Mark Lellouch, NPS]; Walnut Canyon [NPS]; Sunset Crater [NPS]





# ENAR/IMS 06: A Carnival of Statistical Science!

## 2006 ENAR Spring Meeting

Hyatt Regency Tampa

Tampa, Florida

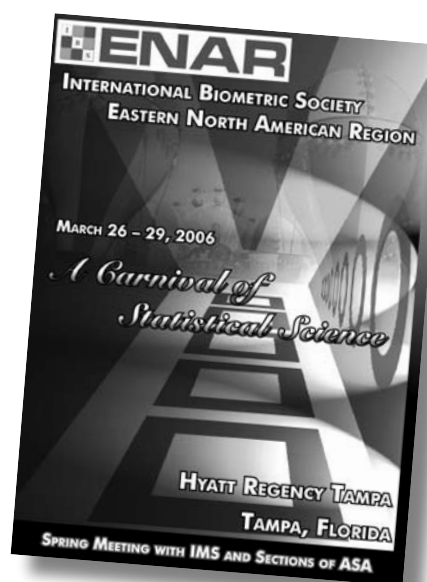
March 26-29, 2006

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

IMS co-program chairs: Michael Kosorok and Jason Fine,  
University of Wisconsin-Madison

The 2006 Spring Meeting of the Eastern North American Region (ENAR) of the International Biometric Society (IBS) with IMS and Sections of the ASA has been moved from New Orleans to Tampa, Florida. Please note that it will occur one week later than originally planned, and will now be held Sunday, March 26th, through Wednesday, March 29th. The Workshop for Junior Researchers will be held the day before (Saturday, March 25th). The Fostering Diversity Workshop and ENAR Short Courses will be on Sunday, before the opening (evening) poster session and dessert reception.

The preliminary program, which includes the listing of short courses, tutorials, invited sessions and other key information, is available for download at [www.enar.org/meetings/](http://www.enar.org/meetings/). Abstract submission is now closed. The deadline for early registration is February 20.



The ENAR preliminary program, which includes the listing of short courses, tutorials, invited sessions and other key information, is available for download now at [www.enar.org/meetings/](http://www.enar.org/meetings/)



The 2006 ENAR/IMS meeting is now in sunny Tampa, Florida.

The co-chairs of the IMS program at ENAR are Michael Kosorok and Jason Fine (University of Wisconsin, Madison). They report:

The IMS invited program consists of a Medallion Lecture to be given by Larry Brown (University of Pennsylvania) and seven additional sessions with the following topics and organizers:

- *Nonstandard Likelihood Inference* (Moulinath Banerjee, University of Michigan),
- *Dimension Reduction* (Denise Cook, University of Minnesota),
- *Applications of Survival Analysis in Genetic Epidemiology* (David Glidden, University of California, San Francisco),
- *Recent Advances in Mixture Models* (Bruce Lindsay, Pennsylvania State),
- *Bayesian Model Selection* (Adrian Raftery, University of Washington),
- *Spatiotemporal Statistics* (Richard Smith, University of North Carolina, Chapel Hill), and
- *Recent Developments in False Discovery Rates* (Jonathon Taylor, Stanford University).

There are also three joint ENAR/IMS invited sessions:

- *Fusing Biomedical/Environmental Data with Numerical Models* (Dennis Boos and Montserrat Fuentes, North Carolina State University),
- *Inference in the Presence of Non-Identifiability: Applications to the Analysis of Coarse Data* (Daniel Scharfstein, Johns Hopkins University) and
- *Recent Advances in Association Analysis for Multivariate Failure Time Data* (Joanna Shih, National Cancer Institute).



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

## Meeting on High Performance Computing and Statistical Inference August 23-25, 2006

University of Dublin, Trinity College, Ireland

**NEW**

<http://www.tcd.ie/Statistics/hpcsi/>

This meeting will focus on how to exploit developments in, and the increasing availability of, distributed computing for implementing computationally intensive statistical methodology. The deadline for submission of papers for consideration as a contributed talk is **25 April 2006**. For more details on the meeting please go to the website or contact the local organiser Simon Wilson [simon.wilson@tcd.ie](mailto:simon.wilson@tcd.ie)

## Second SIPTA school on Imprecise Probabilities

Madrid, Spain

July 24-28, 2006

**NEW**

<http://bayes.escet.urjc.es/~emiranda/sipta>

The Second SIPTA Summer School on Imprecise Probabilities will take place in the Headquarters of the Rey Juan Carlos University Foundation in Madrid. The school is intended as a wide and deep introduction to theoretical and applied imprecise probability topics.

The topics covered will be: *The Imprecise Dirichlet Model* (Jean-Marc Bernard, Université Paris V); *Predictive inference with imprecise probabilities* (Gert de Cooman, Ghent University); *Non-additive measures and applications on decision theory* (Jean-Yves Jaffray, Université Paris VI); *Coherent lower previsions and their behavioural interpretation* (Enrique Miranda, Rey Juan Carlos University); *Knowledge discovery from data sets under weak assumptions: the case of prior ignorance and incomplete data* (Marco Zaffalon, IDSIA)

The deadline for pre-registration is **March 31, 2006**. Notification of acceptance will be made shortly after. People interested in participating should also submit a short CV (no longer than 2 pages). You can find all the relevant information at the website above. If you have any questions or remarks, please contact Enrique Miranda, at [enrique.miranda@urjc.es](mailto:enrique.miranda@urjc.es)

## Eighth Iranian Statistical Conference

Shiraz University, Shiraz, Iran

22-24 August, 2006

**NEW**

[www.shirazu.ac.ir/isc8](http://www.shirazu.ac.ir/isc8)

The 8th Iranian Statistical Conference will be held in Shiraz, the cultural capital of Iran, under the auspices of the Iranian Statistical Society and the Iranian Statistical Center. Please contact Dr A Borhani-Haghighi, Conference Secretary [isc8@susc.ac.ir](mailto:isc8@susc.ac.ir)

## The First International Conference on Mathematical Sciences in Gaza, The Palestinian Authority

May 15-17, 2006

**NEW**

Al-Azhar University, Gaza, The Palestinian Authority

<http://www.alazhar-gaza.edu/ICMS>

The First International Conference on Mathematical Sciences, Gaza, The Palestinian Authority is hosted and sponsored by Al-Azhar University, Gaza. The main objective of the conference is to get an international scientific gathering at our university. We are devoted to overcoming the policy of isolating our people and scientific institutions, and to involving Palestinian researchers in contact with international researchers in their fields.

The conference will focus mainly on the following Mathematical Sciences topics: Pure Mathematics, Applied Mathematics, Mathematical Physics, Theoretical and applied Mechanics, Probability and Statistics, Biometrics, Computer Sciences. Deadline for abstracts: **February 28, 2006**

Contact details: *Dr Mahmoud K Okasha, Head of the Organizing Committee, Al-Azhar University - Gaza, P.O. Box 1277, Gaza.* Email: [m.okasha@alazhar-gaza.edu](mailto:m.okasha@alazhar-gaza.edu) or [m.okasha@palnet.com](mailto:m.okasha@palnet.com) Mobile: +970 59 9441133

## CASI 2006: Conference of Applied Statistics in Ireland

May 17-19, 2006

Hotel Europe, Killarney, Ireland

**NEW**

<http://euclid.ucc.ie/pages/casio6/index.html>

This annual conference, held under the auspices of the Irish Statistical Association, is the main forum in Ireland for methodological and applied Statistics. This year the conference is being organized by the Statistics Department at University College, Cork.



Contributed papers (for oral and poster presentations) are sought in all areas of statistics and data analysis. Papers from new researchers and graduate students are particularly welcome, and a prize will be awarded for the best poster by a graduate student. Deadline for submission of titles and abstracts: **28 Feb 2006**.

Invited speakers at the conference are **David Brillinger, John Crowley, David Giltinan, and Grace Wahba**

For further information, please contact Kingshuk Roy Choudhury [kingshuk@stat.ucc.ie](mailto:kingshuk@stat.ucc.ie)

**2006 SEMINAR ON STOCHASTIC PROCESSES****March 23–25, 2006****Princeton University, Princeton, NJ****NEW**<http://www.orfe.princeton.edu/~rcarmona/SSP2006/ssp2006.html>

For over twenty years, the structure of the Seminar on Stochastic Processes has been: invited lectures in the morning, informal parallel sessions and panel discussions in the afternoons of Thursday and Friday. For a list of the invited speakers in the past, consult the official SSP archive: <http://www.math.yorku.ca/Probability/ssparch.html>

Registration is required. To register send an email to Rene Carmona at [rcarmona@princeton.edu](mailto:rcarmona@princeton.edu) and cc Zoya Kramer at [kramer@princeton.edu](mailto:kramer@princeton.edu) with the date and time of your arrival and departure, and whether or not you plan to attend the reception on Thursday evening.

**Funding:**

The National Science Foundation is likely to provide funds to help support young researchers and those from underrepresented groups to attend SSP. Apply by sending a short vitae to Rene Carmona at [rcarmona@princeton.edu](mailto:rcarmona@princeton.edu) and cc Zoya Kramer at [kramer@princeton.edu](mailto:kramer@princeton.edu)

**Invited Lecturers**

**Amir Dembo**, Stanford University  
**Frank den Hollander**, Eurandom  
**Steve Evans**, University of California, Berkeley  
**Eulalia Nualart**, Paris XIII University  
**Walter Schachermayer**, Wien University

**SPECIAL DAY ON MARKOV PROCESSES****IN HONOR OF ERHAN CINLAR'S 65th BIRTHDAY****Wednesday March 22, 2006****Princeton University, Princeton, NJ****NEW**

Preceding SSP 2006 (see left), this special day is dedicated to Erhan Cinlar's contribution to the theory of Markov processes, as a way acknowledge his long lasting influence on the probability community, his being one of the three co-founders of the Seminar on Stochastic Processes being a prime example

It will be held in Princeton on Wednesday March 22nd 2006. Special registration (different from SSP 2006) is required. Please contact Rene Carmona at [rcarmona@princeton.edu](mailto:rcarmona@princeton.edu) and cc Zoya Kramer at [kramer@princeton.edu](mailto:kramer@princeton.edu) if you would like to attend.

**Invited Speakers:**

**Chris Burdzy**, Seattle  
**Hans Foellmer**, Berlin  
**Ron Gettoor**, San Diego  
**Jean Jacod**, Paris  
**Haya Kaspi**, Haifa  
**John Walsh**, Vancouver

The event will be followed by a cocktail reception and a catered dinner. Reservation is required as the number of seats is limited. Please contact Rene Carmona at [rcarmona@princeton.edu](mailto:rcarmona@princeton.edu)



Erhan Cinlar

**International Congress on the Applications of Mathematics****March 13–17, 2006****University of Chile, Santiago de Chile****NEW**<http://icam2006.cmm.uchile.cl/index.php>**REGISTRATION OPEN**

The Latin American Mathematical Union (UMALCA), the European Mathematical Society (EMS) and the Society for Industrial and Applied Mathematics (SIAM) are organizing the International Congress on the Applications of Mathematics, to be held at the Center for Mathematical Modelling (CMM), Universidad de Chile, in Santiago de Chile (Blanco Encalada 2120, 7th floor). This initiative aims to foster the development of Mathematics and its Applications across the region and to promote cooperation and interchange at the global scale. The organizers expect it to have a lasting impact on the Latin American mathematical community.

*Departamento de Ingeniería Matemática, Centro de Modelamiento Matemático, Universidad de Chile, UMI 2807 UCHILE-CNRS*

**Conference on Ordered Statistical Data and Related Topics****June 15–17, 2006**<http://osdrt.um.ac.ir/>**NEW**

The meeting is devoted to all aspects of ordered statistical data including distribution theory, characterizations, stochastic inequalities, information theory, censoring and statistical inference.

The aim of the meeting is to bring together all who are interested and/or have contributed to the theory of order statistics and record values.

**Organizers:**

Prof. N. Balakrishnan [bala@univmail.cis.mcmaster.ca](mailto:bala@univmail.cis.mcmaster.ca)  
*Department of Mathematics and Statistics, McMaster University, 1280 Main Street West, Hamilton, Ontario, L8S 4K1, CANADA*

Prof. N. R. Arghami [arghami@math.um.ac.ir](mailto:arghami@math.um.ac.ir)  
*Department of Statistics, School of Mathematical Sciences Ferdowsi, University of Mashhad P.O. Box 1159-91775, Mashhad, IRAN*

Those interested in participating in this event are encouraged to contact the organizers listed above.

## 2006 NSF-CBMS Regional Research Conferences in the Mathematical Sciences

The National Science Foundation has funded four NSF-CBMS Regional Research Conferences to be held during the spring and summer of 2006. These conferences are intended to stimulate interest and activity in mathematical research. Each five-day conference features a distinguished lecturer who delivers ten lectures on a topic of important current research in one sharply focused area of the mathematical sciences. The lecturer subsequently prepares an expository monograph based upon these lectures, normally published as a part of a regional conference series. Depending on the topic, the monograph is published by the American Mathematical Society, the Society for Industrial and Applied Mathematics, or jointly by the American Statistical Association and the IMS.

**Support for about 30 participants is provided** and the conference organizer invites both established researchers and interested newcomers, including postdoctoral fellows and graduate students, to attend.

Information about an individual conference may be obtained by contacting the conference organizer. Information about the series and guidelines for submitting proposals for future conferences are found in the Call for Proposals for the 2007 NSF-CBMS Regional Research Conferences (see page 10). Questions should be directed to *CBMS*, 1529 18th St. NW, Washington DC 20036-1385. Tel (202) 293-1170, fax (202) 293-3412; email: rosier@georgetown.edu or lkolbe@maa.org

The four conferences to be held in 2006 are listed below.

### Mathematical and Numerical Treatment of Fluid Flow and Transport in Porous Media

**May 22–26, 2006**

**University of Nevada Las Vegas**

*Zhangxin (John) Chen, lecturer*

Jichun Li and Yi-Tung Chen, organizers

702-895-0365, jichun@unlv.nevada.edu

702-895-1202, uuchen@nscee.edu

<http://www.ncacm.unlv.edu/cbms/>

### Cluster Algebras and Applications

**June 13–17, 2006**

**North Carolina State University**

*Andrei Zelevinsky, lecturer*

Naihuan Jing, organizer

919-513-3584, jing@unity.ncsu.edu

<http://www.math.ncsu.edu/~jing/conf/CBMS/cbmso6.html>

### The Interplay between Convex Geometry and Harmonic Analysis

**July 29 – August 2, 2006**

**Kansas State University**

*Alexander Koldobsky, lecturer*

Dmitry Ryabogin and David Auckly, organizers

785-532-6750, ryabs@math.ksu.edu

785-532-6750, dav@math.ksu.edu

<http://www.math.ksu.edu/main/events/convex-geom>

### Probabilistic and Combinatorial Approach in Analysis

**August 6–12, 2006**

**Kent State University**

*Mark Rudelson, lecturer*

Artem Zvavitch, Per Enflo, and Andrew Tonge, organizers

330-672-3316, zvavitch@math.kent.edu

330-672-9095, enflo@math.kent.edu

330-672-9046, tonge@math.kent.edu

<http://www.math.kent.edu/math/CBMS.cfm>

## ICORS 2006: International Conference on Robust Statistics

**16 July to 21 July, 2006**

**Technical University of Lisbon, Portugal**

<http://www.math.ist.utl.pt/icors2006>

The International Conference on Robust Statistics (ICORS 2006) will be hosted by the Instituto Superior Técnico of the Technical University of Lisbon, Portugal, from 16 July to 21 July, 2006.

ICORS is the main meeting devoted to discuss recent results and to present the state-of-the-art on robust statistics and related subjects. The sessions will cover primarily the following topics: Concepts and Theory of Robust statistics, Asymptotic Theory and Efficiency, Nonparametric Methods, Multivariate Analysis, Data Depth, Quantile Regression Models, Linear and Generalized Linear Models; Mixed Models, Biostatistics, Statistical Methods in Business and Finance, Statistical Methods in Telecommunications, Statistical Methods in Bioinformatics/Genetics, Statistical Computing, Graphics and Data Mining.

The conference will include invited lectures, contributed papers and poster sessions. Both theoretical and applied contributions are welcome.

### Information and contacts

Email: [icors2006@math.ist.utl.pt](mailto:icors2006@math.ist.utl.pt); Fax: +351-218417048. Postal address: *Departamento de Matemática, ICORS2006 Instituto Superior Técnico Av. Rovisco Pais 1, 1049-001 Lisboa, PORTUGAL*

## ASC/NZSA 2006: Australian Statistical Conference and New Zealand Statistical Association 2006 meeting

**July 3–6, 2006**

**Auckland, New Zealand**

For further information and registration:

**w** <http://www.statsnz2006.com/>

**e** [statsnz2006@tourhosts.com.au](mailto:statsnz2006@tourhosts.com.au)



# LECTURE NOTES – MONOGRAPH SERIES



LNMS 46

## **Stein's Method: Expository Lectures and Applications**

*Persi Diaconis and Susan Holmes, Editors*

Stein's method is one of the most powerful tools for proving limit theorems with sharp, explicit errors for complex dependent problems. It is curiously hard to grasp how and why it works since it avoids both characteristic functions and higher moments.

This book consists of tutorial and survey papers aimed at teaching Stein's method to non specialists. The book provides a self contained development with motivation and full proofs. As a unifying theme, all papers use Stein's approach of exchangeable pairs. In addition to the usual Poisson and Normal approximations the book gives applications to convergence of Markov chains on finite state spaces, to birth and death chains and to empirical process convergence for the bootstrap.

One novel feature is the development of Stein's method as an adjunct to simulation via Monte Carlo. Usually, the identities underlying the method give an explicit error term which is bounded. With the present version using exchangeable pairs, the error is given as an explicit expectation for the reversible Markov chain. It can thus be easily simulated to give improvements to classical approximations.

The authors of various chapters, Persi Diaconis, Jason Fulman, Gesine Reinert, Susan Holmes, Mark Huber and Charles Stein have used common notation and worked together to achieve a unified treatment.

Order online: <http://www.imstat.org/orders>

Or send payment (*Mastercard/Visa/American Express/Discover, or check, payable on a US bank in US funds*):

Institute of Mathematical Statistics, Dues and Subscriptions Office,  
9650 Rockville Pike, Suite L2310, Bethesda MD 20814-3998, USA

Tel: (301) 530-7029 Fax: (301) 571-5728 Email: [staff@imstat.org](mailto:staff@imstat.org)

**Price  
US\$35**

**IMS  
Member  
Price  
US\$21**



# Employment Opportunities around the world

## Directory of Advertisements

### Canada

University of Waterloo, Ontario [26]

### Egypt

American University in Cairo [25]

### Hong Kong

Hong Kong Baptist University [25]; Chinese University of Hong Kong [26]

### Taiwan

National Sun Yat-sen University [26]; National University of Kaohsiung [27]

### USA

**California:** California State University, East Bay (2 ads) [27]

**Indiana:** Indiana University [27]; Purdue University [28]

**Kansas:** University of Kansas [28]

**Massachusetts:** Massachusetts Institute of Technology [28]

**Michigan:** Michigan State University [29]; Oakland University [30]

**Pennsylvania:** Carnegie Mellon University [31]

**Rhode Island:** Brown University [30]

**South Carolina:** University of South Carolina [31]

**Texas:** Texas Tech University [31]

### Hong Kong: Kowloon Tong

#### Hong Kong Baptist University

#### Department of Mathematics

#### Assistant Professor (PR141/05-06)

The Department of Mathematics invites applications for an Assistant Professor position with specialty in Statistics commencing September 2006. Applicants should have a PhD in Statistics or a related discipline and a demonstrated teaching and research ability. Consultancy experience is an advantage. Salary will be commensurate with qualifications and experience. Deadline: **January 31, 2006**. Send your CV and three confidential letters of reference to the *Personnel Office, Hong Kong Baptist University, Kowloon Tong, Hong Kong*. Fax: (852) 3411 5001. Specific inquiries may be made to T. Tang/L.X. Zhu, E-mail: ttang@hkbu.edu.hk / lzhu@hkbu.edu.hk, URL www.math.hkbu.edu.hk

### Egypt: Cairo



## THE AMERICAN UNIVERSITY IN CAIRO

### Department of Economics

The Department of Economics anticipates two vacancies. Ph.D. is required; these positions may lead to tenure.

**Position # ECON-1 (Revised Announcement):** Successful applicant is expected to teach both undergraduate and graduate courses in Applied Time Series Analysis for Economics, Applied Statistics and Econometric Techniques, as well as Mathematical Economics. Candidate is expected to supervise Masters theses, actively participate in research and research mentoring. The applicant should be familiar with common statistical, econometrical and mathematical packages.

**Position # ECON-2:** The successful candidate should be able to teach Intermediate and advanced Microeconomics. Priority will be given to those who can also teach European Economic History, Comparative Economic Systems, and Public Finance.

Founded in 1919, AUC's campus is currently located in Cairo, Egypt, but will be moving to a new, state-of-the-art campus in New Cairo beginning Fall Semester, 2007 (see the New Campus website at [www.aucegypt.edu/ncd/New%20Campus.html](http://www.aucegypt.edu/ncd/New%20Campus.html)). AUC's degree programs are accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools. For more information see our website at [www.aucegypt.edu](http://www.aucegypt.edu). One- two- or three-year appointments subject to mutual agreement will begin September 2006. Renewal of an appointment depends upon institutional needs and/or the appointee's performance. The normal teaching load is three courses per semester and English is the language of instruction. Salary and rank are according to scale based on qualifications and professional experience. For expatriates, benefits include housing, annual round-trip air travel for appointee and qualifying dependents, plus schooling for the equivalent of up to two children at Cairo American College. In view of AUC's protocol agreement with the Egyptian Government, which requires specific proportions of Egyptian, U.S., and third-country citizen faculty, at this time preference will be given to qualified applicants who are U.S. citizens.

**APPLICATION INSTRUCTIONS:** E-mail a letter of intent specifying **Position #** with a current C.V. to [facultyaffairs@aucnyo.edu](mailto:facultyaffairs@aucnyo.edu) and arrange to have three letters of recommendation and transcripts mailed to:



**Dr. Earl (Tim) Sullivan, Provost**  
American University in Cairo  
420 Fifth Avenue, Fl. 3  
New York, NY 10018-2729

For full consideration, candidates must also complete the Personnel Information Form provided at <http://forms.aucegypt.edu/provost/pif3.html>. Applications accepted until positions are filled.

The American University in Cairo is an equal opportunity employer.

**Canada: Waterloo****University of Waterloo****Department of Statistics and Actuarial Science**

Statistics and Actuarial Science at the University of Waterloo invites applications for a limited-term position (two or three years) as a Lecturer in Actuarial Science. Applicants with a PhD degree are preferred, although those with a Master's degree will also be considered seriously. Candidates must be committed to excellence in teaching. Successful applicants may be eligible for reappointment to a second term, and those demonstrating outstanding performance in teaching and service may be considered for an ongoing appointment as a Continuing Lecturer. Professional actuarial qualifications and experience, although not strictly necessary, would be a distinct asset. The closing date for applications is **February 28, 2006**.

Please submit a curriculum vitae, and arrange for at least three letters of reference to be sent to

*Professor David E. Matthews, Chair  
Statistics and Actuarial Science  
University of Waterloo  
Waterloo, ON N2L 3G1, CANADA*

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

**Taiwan: Kaohsiung****National Sun Yat-sen University**

The Department of Applied Math seeks to hire several faculty positions at all levels starting at August, 2006. Applicants should have a Ph.D. in statistics/mathematics. The ability to teach in Chinese is essential. Any applicants who can start in February 2006 are asked to make a note in his/her application letter. Applications should be sent to

*Chairman, Department of Applied  
Mathematics*

*National Sun Yat-sen University  
Kaohsiung 804, Taiwan, R.O.C.*

Email: head@math.nsysu.edu.tw

Fax: +886-7-5253809; Tel: +886-7-5252000 ext. 3800, 3834

Website: www.math.nsysu.edu.tw

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

Applications are invited for:

**Department of Statistics****Assistant Professor(s) / Instructor(s)**

*Ref.: 05/I88(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(s) will be made at a fixed-term contract basis, renewable subject to mutual agreement. Applications will be accepted until the position(s) is/are 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 Professor or above: 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, together with names, addresses and fax numbers/e-mail addresses of three referees to whom applicants' consent has been given for their providing references (unless otherwise specified), to the Personnel Office, The Chinese University of Hong Kong, Shatin, New Territories, 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.

**Taiwan: Kaohsiung****National University of Kaohsiung**

The Institute of Statistics at the National University of Kaohsiung, Taiwan, invites applications for assistant, associate, or full professorships beginning Fall 2006. Candidates should have demonstrated record or potential for excellence in research, teaching, and interdisciplinary work. The ability to teach in Chinese is required. To apply, submit an application letter, curriculum vitae, research summary, copies of publications, and transcript to the address below. At least three letters of reference must be sent directly to the director of this institute. Applications received by **February 28, 2006** will receive full consideration. All materials should be sent to:

*Director, Institute of Statistics  
National University of Kaohsiung  
Kaohsiung 811, Taiwan  
Tel: +886-7-5919362  
Fax: +886-7-5919360  
E-mail: stat@nuk.edu.tw  
Website: <http://www.stat.nuk.edu.tw/>*

**USA: California**

**CALIFORNIA STATE UNIVERSITY, EAST BAY (formerly CSU Hayward)** (overlooking San Francisco Bay) announces one Position-  
**#06-07 STAT-APPLIED-TT-- FULL-TIME TENURE TRACK ASSISTANT PROFESSOR.**

Teach undergraduate/MS courses in Statistics/Biostatistics/Statistical Computation, sustain related research program. Advise, mentor ethnically diverse students. Required by start date (9/15/06): Ph.D. in Statistics, US work authorization. Review **12/15/05** until filled. Application information: Dept. of Statistics, CSUEB, (510) 885-3435, [www.sci.csueastbay.edu/statistics](http://www.sci.csueastbay.edu/statistics). EOE.

**USA: California**

**CALIFORNIA STATE UNIVERSITY, EAST BAY (formerly CSU Hayward)** (overlooking San Francisco Bay) announces one Position-  
**#06-07 STAT-STATISTICS/BIOSTATISTICS-TT-- FULL-TIME TENURE TRACK ASSISTANT PROFESSOR.**

Teach undergraduate/MS courses in Statistics/Biostatistics/Statistical Computation, sustain related research program. Advise, mentor ethnically diverse students. Required by start date (9/15/06): Ph.D. in Statistics or Biostatistics, US work authorization. Review **12/15/05** until filled. Application information: Dept. of Statistics, CSUEB, (510) 885-3435, [www.sci.csueastbay.edu/statistics](http://www.sci.csueastbay.edu/statistics). EOE.

**USA: Indiana****Indiana University**

The College of Arts and Sciences at Indiana University invites applications for tenure track positions, including departmental chair, for a newly created Department of Statistics. Up to five appointments at all levels are anticipated during the next three years, with up to two positions filled each year. Applicants are expected to have an active research program, a strong interest in interdisciplinary collaborations, and a commitment to teaching excellence. A Ph.D. in statistics or a related field is required. Interested senior faculty will be considered for appointment as department chair. The chair will be expected to foster a collegial environment of scholarly inquiry, to maintain a strong academic program, and to work to enhance the department's applied orientation.

The Department of Statistics is expected to ultimately grow to ten faculty members plus several affiliated faculty from other University departments who have a strong background in applied statistics. Initially, the Department will offer a Bachelors in Statistics. A Masters in Applied Statistics and a Ph.D. in Statistics are being developed. The Department is responsible for the Indiana Statistical Consulting Center.

The search will be continued until all available positions are filled. Applications received by **February 1, 2006** will ensure consideration for the 2006-2007 academic year.

Indiana University offers competitive salaries and excellent benefits. Indiana University is an Equal Opportunity/Affirmative Action Employer strongly committed to excellence through diversity. Applications from women and minorities are especially encouraged. The University is responsive to the needs of dual-career couples. Applicants should submit a curriculum vitae, representative preprints or reprints, a concise statement of research interests and goals, and the names of at least three references to: *Dr. Joseph Steinmetz, Executive Associate Dean, College of Arts and Sciences, Kirkwood Hall 104, 130 S. Woodlawn Avenue, Bloomington, IN 47405-7104.*

**USA: Indiana****Purdue University**

The Department of Statistics at Purdue University invites applications for tenure-track positions beginning August 2006. A number of positions are available at the Assistant Professor level; senior positions will be considered for highly qualified applicants. Applications from outstanding candidates in all areas of statistics will be considered. Of particular interest are candidates with a research record in the areas of financial statistics/probability, statistical computing or spatial statistics. The statistical computing and spatial statistics areas are part of a College of Science-wide hiring effort and applicants should address the multidisciplinary contributions of their work in their research statements.

The Department of Statistics offers a stimulating and nurturing academic environment. Thirty tenured and tenure-track faculty members direct research programs in a broad range of areas. Further information about the department is available at <http://www.stat.purdue.edu>. Information about the College of Science multidisciplinary hiring effort and its targeted areas can be found at <http://www.science.purdue.edu/COALESCE>

All applicants should hold a PhD in Statistics, or a related field, be committed to excellence in teaching, and have demonstrated strong potential for excellence in research. Salary and benefits are highly competitive. Applicants are strongly encouraged to apply electronically by sending their curriculum vitae, research and teaching statements, and names and contact information of at least three references in PDF to [facsearch@stat.purdue.edu](mailto:facsearch@stat.purdue.edu)

Hard copy applications can be sent to: *Faculty Search Chair, Department of Statistics, 150 N. University Street, Purdue University, West Lafayette, IN 47907-2067*. Applicants for assistant professor positions are asked to have the three references send letters to the email address above or the hard copy mailing address. Applicants matching one search may be considered in other relevant searches when appropriate. Review of applications will begin on **December 1, 2005**, and will continue until the positions are filled. Purdue University is an Equal Opportunity/Equal Access/Affirmative Action employer and is committed to building a diverse faculty of excellence.

**USA: Kansas****Mathematics****University of Kansas**

Applications are invited for tenure-track assistant professor position in statistics beginning August 18, 2006, January 1, 2007, or as negotiated. Candidates must have a Ph.D. in math, statistics, or a related field or its requirements completed by August 18, 2006. Postdoctoral experience is preferred.

Letter of application, detailed vita with description of research and teaching, completed AMS application form, and at least three recommendation letters (if applicable, teaching ability should be addressed in at least one letter.) should be mailed to *Jack Porter, Chair, Department of Mathematics, 1460 Jayhawk Boulevard, University of Kansas, Lawrence, KS 66045-7523* (or faxed to (785) 864-5255). For more details see [www.math.ukans.edu/jobs](http://www.math.ukans.edu/jobs) or contact [kumath@math.ukans.edu](mailto:kumath@math.ukans.edu).

Review of applications begins **November 15, 2005** and will continue until the positions are filled. EO/AA Employer. Paid for by KU.

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

The Department of Mathematics may make appointments at the level of instructor, assistant professor or higher in STATISTICS or APPLIED PROBABILITY starting September 2006. Open to doctorates with strong research and teaching qualifications. Applications and other materials, including (a) curriculum vitae, (b) three letters of reference, (c) description of your most recent research and future plans, must be submitted online at [www.mathjobs.org](http://www.mathjobs.org) by **January 1, 2006** (please do not mail duplicates). We request that your letters of reference be submitted online. Alternatively, they may be sent to: *Statistics Committee, Massachusetts Institute of Technology, Room 2-263, 77 Massachusetts Ave., Cambridge, MA 02139-4307*.

To ensure full consideration of your application, all references must arrive by **January 16**. MIT is an Equal Opportunity, Affirmative Action Employer. For more information about the MIT Mathematics Department: <http://www-math.mit.edu>





# Is it time to look for a new job?

Check out the  
IMS employment pages  
<http://imstat.org/jobs>

## USA: Michigan

### Michigan State University

#### Department Chairperson

Michigan State University invites applications and nominations for the position of Chairperson, Department of Statistics and Probability, College of Natural Science. The Department has nineteen tenure stream faculty (including joint appointments in the Department of Mathematics, the Department of Epidemiology and the Lyman Briggs School), many distinguished visiting faculty and fifty graduate students. The applicant may wish to visit [www.msu.edu](http://www.msu.edu) and [www.stt.msu.edu](http://www.stt.msu.edu) to learn more about the university and the department. The Department expects to grow and add faculty positions with strong interdisciplinary components.

The Chairperson will lead the faculty in shaping and developing the department's research, teaching and service, including recruitment into expected faculty openings. Candidates should possess a Ph.D. in an appropriate field, outstanding research credentials, an established record of university and professional service, and effective leadership, communication and administrative skills.

The Chairperson must be strongly committed to the continued improvement in the department's research and grant standing, promoting interdisciplinary research initiatives, and furthering excellence in teaching and service to the greater university community.

The position carries tenure at the rank of professor and is available starting August 16, 2006. Compensation is competitive and will be commensurate with qualifications. Applications and nominations should be sent to:

*Professor Dennis Gilliland  
Chairperson, Search Committee  
Department of Statistics and Probability  
Michigan State University  
East Lansing, MI 48824*

An application should include a letter of interest, curriculum vitae and the names of four persons who may be contacted for letters of recommendation.

Applications will be considered until the position is filled. We expect to begin interviews in early 2006. Applications are strongly encouraged from members of groups that are traditionally under-represented in statistics and probability.



**Stretch**  
your advertising  
budget

**This space  
only costs**

**\$125**

**And we offer a discount  
on repeat ads:  
please ask for details**

#### **USA: Michigan**

##### **Department of Mathematics and Statistics, Oakland University, Faculty Position**

The Department of Mathematics and Statistics at Oakland University anticipates an opening starting 8/06 at the assistant professor level. PhD in statistics or biostatistics is required. A strong commitment to research and teaching both at graduate and undergraduate levels is needed. Preference will be given to candidates in areas such as survival analysis, reliability, longitudinal data analysis, bioinformatics, Bayesian inference and computational statistics.

The application should be mailed to: *Subbaiah Perla, Department of Mathematics and Statistics, Oakland University, Rochester, MI 48309-4485*. Please go to <http://www2.oakland.edu/provost/web/jobdetail.cfm?ID=221> for detailed advertisement. AA/EO Institution. Minorities and women encouraged to apply.

#### **USA: Rhode Island**

##### **Brown University**

##### **Center for Computational Molecular Biology**

##### **Faculty Positions**

As part of a major new initiative, Brown University seeks highly qualified candidates for two open rank, tenure-track or tenured faculty positions with a preference for assistant professors in the Center for Computational Molecular Biology (CCMB). The Center's activities focus in three areas and candidates in these three areas are strongly encouraged to apply:

- 1) regulatory genomics and networks;
- 2) comparative genomics and evolutionary biology;
- 3) structural and functional proteomics.

Successful applicants will be expected to have a demonstrated record of excellence in research, maintain an externally funded research program, and have good communication and teaching skills. They also will participate in the continuing development and improvement of Brown's established undergraduate curriculum and a new graduate curriculum that is being built on the foundation of Brown's widely recognized record in teaching innovation and academic excellence. Appointees will have the opportunity to participate in several NIH or NSF funded interdisciplinary programs, such as the new initiative in Genetics, Genomics and Proteomics as well as a number of other multi-disciplinary collaborations with Brown and hospital based faculty and students. The appointments will be in the following top rank departments: Division of Applied Mathematics, Department of Computer Science or a participating department in the Division of Biology and Medicine. The Center has recently hired two senior faculty members, Sorin Istrail in Computer Science and Chip Lawrence in Applied Mathematics, whose expertise are focused in genomics, sequence analysis and regulatory genomics, systems and networks.

Applicants should submit curriculum vitae, representative preprints or reprints, and a concise description of research interests and goals with emphasis in their interdisciplinary expertise. Additionally, candidates for Assistant Professorship should arrange to have at least three letters of recommendation sent directly to the contact address. Candidates for Associate or Full Professor should provide names and contact information for at least five references, and these will be contacted for letters of recommendation by the search committee at an appropriate time. All applications will be treated confidentially. Application review will commence on **December 14, 2005** and continue until available positions are filled.

Applications should be submitted electronically in PDF format to [ccmbsearch@dam.brown.edu](mailto:ccmbsearch@dam.brown.edu). Letters of recommendation to be sent to the following contact address: *ATTN: CCMB Search, c/o Ms. Louise Patterson, Division of Applied Mathematics, Brown University, Box F, Providence, RI 02912*.

Brown University is an affirmative action/equal opportunity employer.

Women and minorities are encouraged to apply.

For further information, visit our Website at <http://www.brown.edu/Research/CCMB/>

**USA: Pennsylvania****Carnegie Mellon University**

Applications are invited for tenure-track, lecturer, and visiting positions, including NSF-VIGRE supported three-year visiting assistant professorships with reduced teaching load. Carnegie Mellon offers a collegial faculty environment, emphasizing a combination of disciplinary and cross-disciplinary research and teaching. All areas of statistics are welcome, and joint appointments with other units in the Pittsburgh area are possible. We especially encourage women and minorities to apply.

Details at <http://www.stat.cmu.edu> (email: [hiring@stat.cmu.edu](mailto:hiring@stat.cmu.edu)). Application screening begins immediately and continues until positions closed. Send CV, research papers, relevant transcripts and three letters of recommendation to: *Chair, Faculty Search Committee, Department of Statistics, Carnegie Mellon University, Pittsburgh, PA 15213, USA. AA/EOE.*

**USA: South Carolina****University of South Carolina**

The University of South Carolina seeks two tenure-track faculty in bioinformatics in one or more of the departments of Biological Sciences, Computer Science and Engineering, Epidemiology and Biostatistics, Mathematics, and/or Statistics. Submit letter of application, vita, research and teaching statements, names of three references, and copies of representative publications to: *Chair, Bioinformatics Search Committee, Office of the Dean, College of Engineering and Information Technology, Swearingen Engineering Center, University of South Carolina, Columbia SC, 29208.* Review of applications will begin immediately and will continue until the positions are filled. The University of South Carolina is an Equal Opportunity/Affirmative Action Employer.

**USA: Texas****Texas Tech University**

Applications are invited for at least two openings at the tenure-track assistant professor level beginning fall 2006. Higher level appointments are possible in exceptional cases. For one position, priority will be given to candidates in statistics. For the other positions, all areas will be considered. Candidates whose research interests complement existing departmental areas or have strong potential for interdisciplinary cooperation are especially encouraged to apply.

Strong promise or accomplishment in teaching and scholarly activity and a Ph.D. or equivalent degree at time of appointment are required. Texas Tech University is committed to diversity among its faculty. Please either apply online at <http://jobs.texasstate.edu> (requisition number 60231) or send a resume, AMS standard cover sheet and have three letters of reference sent to:

*Professor Wayne Lewis, Hiring Committee Chair  
Dept. of Mathematics and Statistics  
Texas Tech University, Lubbock, TX 79409-1042*

Review of applications will begin immediately.  
Texas Tech University is an AA/EO employer.



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

# 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 2006

**January 13-14:** Gainesville, Florida. Univ of Florida 8th Annual Winter Workshop on Frontiers of Theoretical Statistics. **e** [carol@stat.ufl.edu](mailto:carol@stat.ufl.edu) **w** <http://www.stat.ufl.edu/symposium/2006/theory/index.html>


**January 16-18:** Honolulu, Hawaii. Fifth Annual Hawaii International Conference on Statistics, Mathematics and Related Fields. Andrew Burge, Coordinator. **t** 808-946-9927 **f** 808-947-2420 **e** [statistics@hicstatistics.org](mailto:statistics@hicstatistics.org) **w** <http://www.hicstatistics.org>


## February 2006

**February 15-16:** Santa Monica, CA. First Annual Conference on Quantitative Methods and Statistical Applications in Defense and National Security. Technical Program Chair: Lara Schmidt [Lara\\_Schmidt@rand.org](mailto:Lara_Schmidt@rand.org) **w** <http://www.rand.org/events/nsm2006.html>

**February 16-20:** St Louis, MO. Annual meeting of the American Association for the Advancement of Science (AAAS): "Grand Challenges, Great Opportunities". Including Statistics Section (U) Business meeting February 18. **w** [www.aaas.org](http://www.aaas.org)


## March 2006


 **March 13-17:** University of Chile, Santiago de Chile. International Congress on the Applications of Mathematics. **w** <http://icam2006.cmm.uchile.cl/index.php>

 **March 14-17:** Goethe University Frankfurt/Main, Germany. German Open Conference on Probability and Statistics. **w** [http://stoch2006.math.uni-frankfurt.de/index\\_en.html](http://stoch2006.math.uni-frankfurt.de/index_en.html)

**March 20-24:** CIMAT, Guanajuato, Mexico. Conference on Stochastics in Science, in honor of Ole E Barndorff-Nielsen's 71st

Birthday. **e** [pabreu@imat.mx](mailto:pabreu@imat.mx) **w** <http://www.imat.mx/Eventos/oebn-conference>

 **March 22:** Princeton University, Princeton, NJ. Special day on Markov Processes in honor of Erhan Cinlar's 65th birthday. Preceding SSP2006 (see below) but separate registration required: Rene Carmona [rcarmona@princeton.edu](mailto:rcarmona@princeton.edu) and cc Zoya Kramer [kramer@princeton.edu](mailto:kramer@princeton.edu). **w** <http://www.orfe.princeton.edu/~rcarmona/SSP2006/ssp2006.html>

 **March 23-25:** Princeton University, Princeton, NJ. 2006 Seminar on Stochastic Processes. Rene Carmona [rcarmona@princeton.edu](mailto:rcarmona@princeton.edu) and cc Zoya Kramer [kramer@princeton.edu](mailto:kramer@princeton.edu). **w** <http://www.orfe.princeton.edu/~rcarmona/SSP2006/ssp2006.html>

**March 23-25:** University of Goettingen, Germany. Workshop on Statistical Inverse Problems. Heike Ahrens **t** +49 (0)551/39-4523 **e** [gk1023@math.uni-goettingen.de](mailto:gk1023@math.uni-goettingen.de) **w** <http://www.num.math.uni-goettingen.de/gk/conference/conferences.php?LANG=EN>

 **March 26-29:** Hyatt Regency Tampa, Florida. 2006 ENAR Spring Meeting. *Note new location and date.* IMS co-program chairs: Michael Kosorok and Jason Fine, University of Wisconsin-Madison. **w** <http://www.enar.org/meetings.htm>

**March 29-31:** San Diego, California. Salford Systems Data Mining 2006 Conferences. **w** <http://www.salforddatamining.com/2006InfoRequest.php>

## April 2006

**April 5:** Southampton Statistical Sciences Research Institute Southampton, UK. Analysis of Panel Data: short course preceding symposium April 6-7. Contact Peter Smith **e** [panel@s3ri.soton.ac.uk](mailto:panel@s3ri.soton.ac.uk) **w** <http://www.s3ri.soton.ac.uk/events/seminars/index.php>

**April 6-7:** Southampton, UK. Convergence of Methods for the Analysis of Panel Data. Contact Peter Smith **e** [panel@s3ri.soton.ac.uk](mailto:panel@s3ri.soton.ac.uk) **w** <http://www.s3ri.soton.ac.uk/events/seminars/index.php>


**April 19-21:** Ghent, Belgium. Second International Meeting Methodological Issues in Oral Health Research: Assessing and Improving Data Quality. **w** <http://med.kuleuven.be/biostat/conferences/Dental2006/>

## May 2006

  **May 10-13:** Rutgers University, Piscataway, NJ. Classification Society of North America 2006 Meeting on Network Data Analysis and Data Mining: Applications in Biology, Computer Science, Intrusion Detection, and other areas. IMS Representative: David Banks **w** <http://dimacs.rutgers.edu/Workshops/CSNA/>

 **May 15-17:** Al-Azhar University, Gaza, The Palestinian Authority. First International Conference on Mathematical Sciences in Gaza. Contact Dr Mahmoud K Okasha, Head of the Organizing Committee, Al-Azhar University, PO Box 1277, Gaza. **e** [m.okasha@alazhar-gaza.edu](mailto:m.okasha@alazhar-gaza.edu) or [m.okasha@palnet.com](mailto:m.okasha@palnet.com) **t** +970 59 9441133 **w** <http://www.alazhar-gaza.edu/ICMS>

  **May 15-18:** University of Connecticut, Storrs. IWAP 2006: Third International Workshop in Applied Probability. **w** <http://www.stat.uconn.edu/IWAP2006>

 **May 17-19:** Hotel Europe, Killarney, Ireland. CASI 2006: Conference of Applied Statistics in Ireland. Kingshuk Roy Choudhury **e** [kingshuk@stat.ucc.ie](mailto:kingshuk@stat.ucc.ie) **w** <http://euclid.ucc.ie/pages/casi06/index.html>

 **May 18-20:** Princeton, NJ. Workshop on Frontiers of Statistics. IMS Reps:



Jianqing Fan, Luisa Fernholz, Hira Koul. **w** <http://www.orfe.princeton.edu/conferences/frontiers/index.htm>

**NEW** May 22–26: U of Nevada, Las Vegas. NSF-CBMS: Mathematical and Numerical Treatment of Fluid Flow and Transport in Porous Media. Organizers Jichun Li (702-895-0365, [jichun@unlv.nevada.edu](mailto:jichun@unlv.nevada.edu)) and Yi-Tung Chen (702-895-1202, [uuchen@nscee.edu](mailto:uuchen@nscee.edu)). **w** <http://www.ncacm.unlv.edu/cbms/>

May 24–27: Pasadena, California. Interface 2006: Massive Data Sets and Streams. Amy Braverman **e** [Amy.Braverman@jpl.nasa.gov](mailto:Amy.Braverman@jpl.nasa.gov) **w** <http://www.galaxy.gmu.edu/Interface2006/i2006webpage.html>

May 28–31: London, Ontario. 2006 Annual Meeting of the Statistical Society of Canada. Local Arrangements Chair, David Bellhouse, U of Western Ontario, London. **e** [bellhouse@stats.uwo.ca](mailto:bellhouse@stats.uwo.ca) **t** (519) 661-3614 **f** (519) 661-3813. Scientific program chair Richard Lockhart **e** [lockhart@sfu.ca](mailto:lockhart@sfu.ca)

**ims** May 29–31: Limassol, Cyprus. Statistical Models for Biomedical and Technical Systems. IMS Rep: Filia Vonta, University of Cyprus. **t** (357) 22892625 **f** (357) 22892601 **e** [biostat2006@ucy.ac.cy](mailto:biostat2006@ucy.ac.cy) **w** <http://www.ucy.ac.cy/biostat2006>

## June 2006

June 1–7: Benidorm, Spain. Valencia/ISBA 8th World Meeting on Bayesian Statistics. Valencia 8 mailing list: **e** [valenciameting@uv.es](mailto:valenciameting@uv.es) **w** <http://www.uv.es/valenciameting>

**ims** June 4–29: Snowbird Resort, Snowbird, Utah. 2006 Joint AMS-IMS-SIAM Summer Research Conferences. Write for invitation to Summer Research Conferences Coordinator, AMS, P.O. Box 6887, Providence, RI 02940 **e** [wsd@ams.org](mailto:wsd@ams.org) by March 3, 2006. **w** <http://www.ams.org/meetings/srco6.html>

June 5–9: Smolenice, Slovak Republic. PROBASTAT 2006: 5th International Conference on Probability and Statistics. **e**

[probastat@savba.sk](mailto:probastat@savba.sk) **w** <http://aiolos.um.savba.sk/~viktor/probastat.html>

June 6–8: Sydney, Australia. Salford Systems Data Mining 2006 Conferences. **w** <http://www.salforddatamining.com/2006InfoRequest.php>

June 11–16: Colorado State University, Fort Collins, CO. 2006 Graybill Conference: Multiscale methods and statistics. **w** <http://www.stat.colostate.edu/graybillconference/>

**ims** June 12–15: Penn State University, University Park, PA. Statistical Challenges in Modern Astronomy IV. IMS Rep: G Jogesh Babu **e** [babu@stat.psu.edu](mailto:babu@stat.psu.edu) **w** <http://astrostatistics.psu.edu>

**NEW** June 13–17: North Carolina State University. NSF-CBMS: Cluster Algebras and Applications. Organizer: Naihuan Jing (919-513-3584, [jing@unity.ncsu.edu](mailto:jing@unity.ncsu.edu)) **w** <http://www.math.ncsu.edu/~jing/conf/CBMS/cbms06.html>

June 13–17: Uppsala, Sweden. 15th International Workshop on Matrices and Statistics. **w** [www.bt.slu.se/iwms2006/iwms06.html](http://www.bt.slu.se/iwms2006/iwms06.html)

June 14–17: University of Connecticut, Storrs, CT. ICSA 2006 Applied Statistics Symposium. Prof Ming-Hui Chen, Department of Statistics, University of Connecticut, **e** [mhchen@stat.uconn.edu](mailto:mhchen@stat.uconn.edu) **w** <http://www.icsa.org>

**NEW** June 15–17: Ferdowsi University of Mashhad, Iran. Conference on Ordered Statistical Data and Related Topics. Organizers: Prof N Balakrishnan [bala@univmail.cis.mcmaster.ca](mailto:bala@univmail.cis.mcmaster.ca) and Prof N R Arghami [arghami@math.um.ac.ir](mailto:arghami@math.um.ac.ir) **w** <http://osdrt.um.ac.ir/>

June 19–24: University of Illinois at Urbana-Champaign. Conference on Stochastic Networks. Chair: PR Kumar. **w** <http://www.comm.csl.uiuc.edu/~srikant/stochnet.htm>

June 25–30: Vilnius, Lithuania. 9th International Vilnius Conference on Probability Theory and Mathematical

Statistics. Aleksandras Plikusas **e** [conf@ktl.mii.lt](mailto:conf@ktl.mii.lt) **w** <http://www.science.mii.lt/vilconf/>

June 26–29: Prague, Czech Republic. S4G (Stereology, Spatial Statistics, Stochastic Geometry): 6th International Conference. Viktor Benes **e** [benesv@karlin.mff.cuni.cz](mailto:benesv@karlin.mff.cuni.cz) or Radka Juzkova **e** [radka.juzkova@svses.cz](mailto:radka.juzkova@svses.cz) **w** <http://www.karlin.mff.cuni.cz/s4g/>

**ims** June 26 - July 7: Ithaca, NY. Second Cornell Probability Summer School. **w** [www.math.cornell.edu/~durrett/CPSS2006/](http://www.math.cornell.edu/~durrett/CPSS2006/)

**ims** June 27–30: Flagstaff, Arizona. 2006 WNAR/IMS Western Regional Meeting. IMS Program Chair: Wolfgang Polonik. **w** <http://www.math.nau.edu/wnar/>

## July 2006

July 2–7: Salvador, Brazil. ICOTS7: Working Cooperatively in Statistics Education. Carmen Batanero **e** [batanero@ugr.es](mailto:batanero@ugr.es) **w** <http://www.maths.otago.ac.nz/icots7>

**NEW** July 3–6: Auckland, New Zealand. ASC/NZSA 2006: Australian Statistical Conference and New Zealand Statistical Association. **w** <http://www.statsnz2006.com/> **e** [statsnz2006@tourhosts.com.au](mailto:statsnz2006@tourhosts.com.au)

**NEW** July 16–21: Technical University of Lisbon, Portugal. ICORS 2006: International Conference on Robust Statistics. **w** <http://www.math.ist.utl.pt/icors2006> **e** [icors2006@math.ist.utl.pt](mailto:icors2006@math.ist.utl.pt); **f** +351-218417048.

July 16–21: Montreal, Canada. XXIII International Biometrics Conference. Travel Support: apply by May 1, 2006 to Lynne Billard **t** 706-542-3281; **f** 706-542-3391; **e** [lynne@stat.uga.edu](mailto:lynne@stat.uga.edu) **w** <http://www.ibc2006.org>

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

# International Calendar *continued*

**July 24–28:** Toruń, Poland. **26th European Meeting of Statisticians.** e [ems2006@umk.pl](mailto:ems2006@umk.pl)  
w <http://www.ems2006.umk.pl>

**NEW** **July 24–28:** Rey Juan Carlos University Foundation, Madrid, Spain. **2nd SIPTA School on Imprecise Probabilities.** Contact Enrique Miranda e [enrique.miranda@urjc.es](mailto:enrique.miranda@urjc.es) w <http://bayes.escet.urjc.es/~emiranda/sipta>

**NEW** **July 29 – August 2:** Kansas State University. NSF-CBMS: **Interplay between Convex Geometry and Harmonic Analysis.** Organizers: Dmitry Ryabogin (785-532-6750, [ryabs@math.ksu.edu](mailto:ryabs@math.ksu.edu)) and David Auckly (785-532-6750, [dav@math.ksu.edu](mailto:dav@math.ksu.edu)). w <http://www.math.ksu.edu/main/events/convex-geom>

**ims** **July 30–August 4:** Rio de Janeiro, Brazil. **IMS Annual Meeting and XEBP Brazilian School of Probability meeting.** Program Chairs: Robert Adler and Steve Lalley (Probability); Sara van de Geer and Guenther Walther (Statistics); Local Chair: Maria Eulália Vares, CBPF w <http://www.imstat.org/meetings/IMS2006/>

## August 2006

**NEW** **ims** **August 1–5:** University of Washington, Seattle. **9th IMS meeting of New Researchers in Statistics and Probability.** Co-chairs: Peter Craigmile and Peter Hoff: e [nrc@stat.ohio-state.edu](mailto:nrc@stat.ohio-state.edu) w <http://www.stat.ohio-state.edu/~pfc/NRC/>

**ims** **August 2–3:** University of British Columbia, Vancouver, Canada. **IMS Mini-meeting: Recent Advances on Stochastic Computation and Bioinformatics.** Organizers: Arnaud Doucet and IMS Rep Raphael Gottardo e [raph@stat.ubc.ca](mailto:raph@stat.ubc.ca) w [http://hajek.stat.ubc.ca/~raph/workshops/ims-mini/ims\\_workshop.html](http://hajek.stat.ubc.ca/~raph/workshops/ims-mini/ims_workshop.html)

**ims** **August 6–10:** Washington, Seattle. **JSM2006.** w <http://www.amstat.org/meetings/jsm/2006>

**NEW** **August 6–12:** Kent State University. NSF-CBMS: **Probabilistic and Combinatorial Approach in Analysis.** Organizers: Artem Zvavitch (330-672-3316, [zvavitch@math.kent.edu](mailto:zvavitch@math.kent.edu)), Per Enflo (330-672-9095, [enflo@math.kent.edu](mailto:enflo@math.kent.edu)), and Andrew Tonge (330-672-9046, [tonge@math.kent.edu](mailto:tonge@math.kent.edu)). w <http://www.math.kent.edu/math/CBMS.cfm>

**August 21–25:** Prague, Czech Republic. **Prague Stochastics 2006:** joint session of the 7th Prague Symposium on Asymptotic Statistics and the 15th Prague Conference on Information Theory, Statistical Decision Functions and Random Processes. Zuzana Prášková e [praskova@karlin.mff.cuni.cz](mailto:praskova@karlin.mff.cuni.cz) w <http://www.utia.cas.cz/pragstocho6>

**NEW** **August 22–24:** Shiraz University, Iran. **8th Iranian Statistical Conference.** Contact Dr A Borhani-Haghighi, Conference Secretary e [isc8@susc.ac.ir](mailto:isc8@susc.ac.ir) w [www.shirazu.ac.ir/isc8](http://www.shirazu.ac.ir/isc8)

**August 22–30:** Madrid, Spain. **International Congress of Mathematicians (ICM).** w <http://www.icm2006.org>

**NEW** **August 23–25:** University of Dublin, Trinity College, Ireland. **Meeting on High Performance Computing and Statistical Inference.** Local organiser Simon Wilson e [simon.wilson@tcd.ie](mailto:simon.wilson@tcd.ie) w <http://www.tcd.ie/Statistics/hpcsi/>

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

## September 2006

**September 10–14:** Queen's University Belfast, Northern Ireland. **RSS 2006 Conference.** Paul Gentry e [conference@rss.org.uk](mailto:conference@rss.org.uk) w <http://www.rss.org.uk/rss2006>

**September 27–29:** Pamplona, Spain. **International Workshop on Spatio-**

**Temporal Modelling (METMA3).** Lola Ugarte: t +34 948 169 202; f +34 948 169 204; e [metma3@unavarra.es](mailto:metma3@unavarra.es) w <http://www.unavarra.es/metma3>

## March 2007

**ims** **March 11–14:** Hyatt Regency Atlanta, Georgia. **2007 ENAR/IMS Spring Meeting. PLEASE NOTE NEW DATE AND LOCATION.** w <http://www.enar.org/meetings.htm>

## June 2007

**June 9–13:** St John's, Newfoundland. **35th Annual Meeting of the Statistical Society of Canada.** Local Arrangements Chair: Brajendra Sutradhar e [bsutradh@math.mun.ca](mailto:bsutradh@math.mun.ca) t (709) 737-8731 f (709) 737-8731

## July 2007

**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](mailto:boxma@eurandom.tue.nl) w <http://appliedprob.society.informs.org/INFORMS2007/Index.html>

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

## March 2008

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

## July 2008

**ims** **July 20–26:** Singapore. **IMS Annual Meeting in conjunction with Bernoulli World Congress.** Details to follow.

## August 2008

**ims** **August 3–8:** Denver, Colorado. **JSM2008.**

## Membership and Subscription Information

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

**Individual and Organizational Memberships:** Each individual member receives the *IMS Bulletin* and may elect to receive one or more of the four scientific journals. Members pay annual dues of \$75. An additional amount is added to the dues of members depending on the scientific journal selected as follows: *Statistical Science* (\$15), *The Annals of Statistics* (\$30), *The Annals of Probability* (\$30), and *The Annals of Applied Probability* (\$20). Of the total dues paid, \$28 is allocated to the *Bulletin* and the remaining amount is allocated among the scientific journals received. Reduced membership dues are available to full-time students, new graduates, permanent residents of countries designated by the IMS Council, and retired members. Organizational memberships are available to institutions at \$680 per year and to corporations at \$850 per year. Organizational memberships include two multiple-readership copies of all IMS journals in addition to other benefits specified for each category (details available from the IMS Business Office).

**Individual and General Subscriptions:** Subscriptions are available on a calendar-year basis. Individual subscriptions are for the personal use of the subscriber and must be in the name of, paid directly by, and mailed to an individual. Individual subscriptions for 2006 are available to *The Annals of Applied Probability* (\$105), *The Annals of Probability* (\$110), *The Annals of Statistics* (\$115), *IMS Bulletin* (\$60), and *Statistical Science* (\$100). General subscriptions are for libraries, institutions, and any multiple-readership use. General subscriptions for 2006 are available to *The Annals of Applied Probability* (\$170), *The Annals of Probability* (\$250), *The Annals of Statistics* (\$250), *IMS Bulletin* (\$70), and *Statistical Science* (\$140). Airmail rates for delivery outside North America are \$80 per title (excluding *IMS Bulletin*).

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

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

Copyright © 2006 by the Institute of Mathematical Statistics.

Printed by The Sheridan Press, 450 Fame Avenue, Hanover, PA 17331, USA.

## Information for Advertisers

### General information

The *IMS Bulletin* and webpages are the official news organs of the Institute of Mathematical Statistics. The *IMS Bulletin*, established in 1972, is published 10 times per year. Circulation is 4,623 paper copies (January 2005); the *Bulletin* is also available free online in PDF format at [www.imstat.org/bulletin](http://www.imstat.org/bulletin); it is usually posted online about two weeks before mailout. Subscription to the *IMS Bulletin* costs \$60. To subscribe, call (301) 634 7029 or email [staff@imstat.org](mailto:staff@imstat.org). The IMS website, [www.imstat.org](http://www.imstat.org), established in 1996, receives over 30,000 visits per month (31,338 in January 2005). Public access is free.

### Advertising rates and requirements

Ad rates include copy in *IMS Bulletin* and on IMS web page (same price for placing ad in one medium). Ads will be posted on the web site within 7-10 days of receipt. See below for *Bulletin* deadlines.

We accept two kinds of adverts: camera-ready and text. Camera-ready ads should be sent as grayscale PDF with all fonts embedded. Text ads can be sent as a Word or plain text attachment, or in the body of an email. If you want a logo or other graphic to be included with your text ad, please send it separately as a grayscale 300 dpi TIFF. Please ask if you need help with these formats.

	size: width x height (camera ready/PDF)	words (text ads)	rate
Single Paragraph	N/A	0-100	\$125
1/8 Page	4.93" x 4" (125.2 x 102 mm)	101-200	\$175
1/4 Page	7.5" x 4" (190 x 102 mm)	201-300	\$225
3/8 Page	4.93" x 8" (125.2 x 203 mm)	301-450	\$275
Full Page	7.5" x 8" (190 mm x 203 mm)	451-600	\$325

Email your advert to Elyse Gustafson, IMS Executive Director, [erg@imstat.org](mailto:erg@imstat.org) who will arrange for it to be placed in the *Bulletin* and on the website.

### Deadlines and Mail Dates for *IMS Bulletin*

Issue	Deadline for Advertisement	Online by	Scheduled Mail Date
1: January/February	<b>December 1</b>	December 15	January 1
2: March	<b>February 1</b>	February 15	March 1
3: April	<b>March 1</b>	March 15	April 1
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
7: August/September	<b>July 1</b>	July 15	August 1
8: October	<b>September 1</b>	September 15	October 1
9: November	<b>October 1</b>	October 15	November 1
10: December	<b>November 1</b>	November 15	December 1

in the  
**next**  
issue

**March 2006**

Information about Rio de Janeiro, as we look forward to the 2006 IMS Annual Meeting, as well as news of members around the world, meeting announcements and job opportunities.

**DEADLINE**  
for  
**submissions**

**February 1,  
2006**

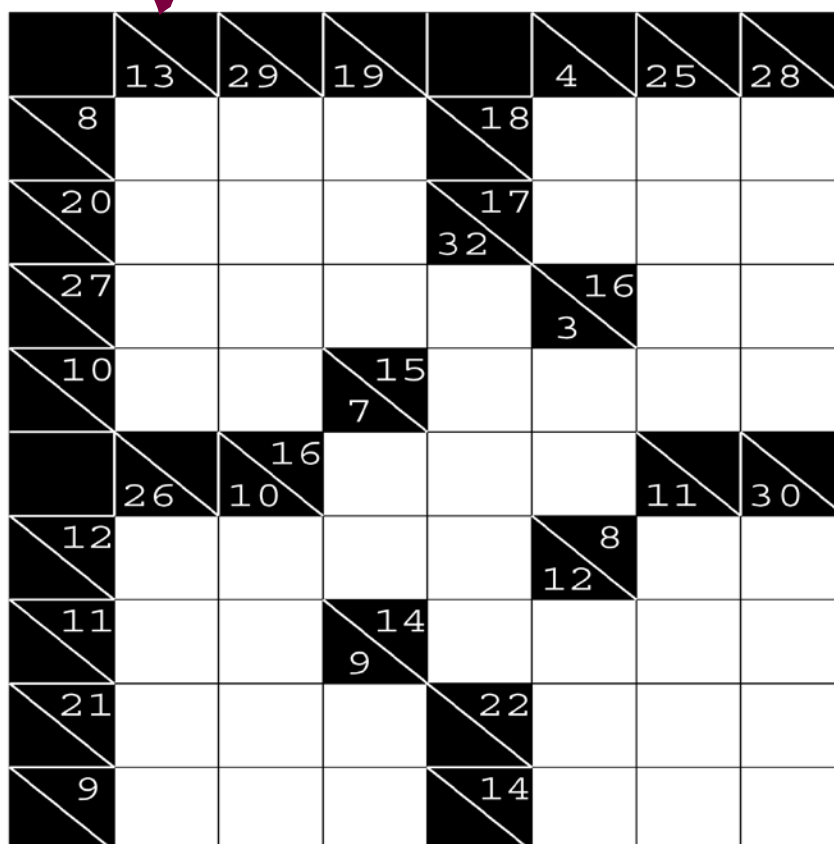
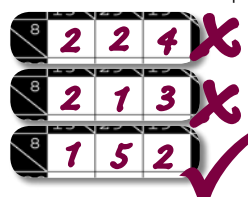
Please see inside the back cover for subscription details and information for advertisers, including all our **deadlines and requirements**



## New: Kakuro puzzle

We're pleased to bring you a new way to spend your coffee break! Kakuro, or cross-sums, is deceptive: it's simple to learn but difficult to master...

**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:



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