

December 2009

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Looking ahead to Gothenburg

2010 IMS Annual Meeting, Gothenburg, Sweden, August 9–13, 2010

Gothenburg (Göteborg) is Sweden's second-largest city, after Stockholm, with a population of half a million. It traces its origins to the seventeenth century, and to its strategic importance as a gateway to the west. The city has historical connections with several nations, including Scotland from where many early settlers came, and of course to Denmark and Norway—Gothenburg's location encouraged trade with both these countries, and the city quickly developed into a major shipping port. The original city plan was drawn up by the Dutch, and for many years Gothenburg's charter decreed that the city council should be comprised of Dutch, German, British and Swedish members in equal proportions.

The city's rich cultural activities are major attractions, including many theatres, the Museum of World Culture and the Gothenburg Film Festival. Gothenburg is home to Liseberg, Scandinavia's largest amusement park, which is only minutes from the city centre. There are two universities: The University of Gothenburg, one of the largest in Scandinavia, and Chalmers University of Technology, founded in 1829 after a donation from William Chalmers, a very successful trader and the son of a Scottish immigrant.

The IMS Annual Meeting also promises a multitude of attractions. Twenty-two sessions in statistics are planned, and twenty-three in probability, together with seven sessions jointly in both disciplines, and several memorial sessions. There will also be two special lectures (on the topics of climate change and finance, respectively), and the IMS's usual smorgasbord of plenary and Medallion lectures. The word *smörgåsbord* is borrowed from Swedish, and describes not only the great variety you will find in Gothenburg's buffet-style restaurants, but also the many attractions that the IMS has to offer.

For example, the sessions in statistics include seven under the heading Theory and Methods, five under Genetics, Health and Epidemiology, five under Computer Modelling and Computing, and five under Physical and Environmental Science. In Probability the headings include Special Processes and Models (eight sessions); Probability, Economics & Social Sciences (two sessions); Stochastic Analysis: Theory, Methods and Applications (five sessions); Statistical Physics & Disordered Systems (four sessions); Combinatorial & Graph Theoretic Probability (two sessions); and



Carl Milles' 1931 statue of Poseidon stands in front of Gothenburg's Museum of Art. Poseidon, the Greek god of the sea, is often used as a symbol of this sea-port

Photo: Kjell Holmner, courtesy of Gothenburg & Co

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IMS members' news

On October 9, 2009, **David L. Donoho** received the honorary degree of Doctor of Science from the University of Chicago. The occasion was a Special Convocation, the 500th in the University's history, and Donoho's was one of four degrees awarded. In presenting the degree, the University's President, mathematician Robert Zimmer, stated that "David L. Donoho is a mathematical statistician, and also one of the more influential applied mathematicians of his generation. Building upon the discipline of statistics, Donoho has developed effective new approaches to constructing low-dimensional representations for modern high-dimensional data problems. His work provides new insight into some of the most pressing scientific questions of the present day."

Donoho is the Anne T. and Robert M. Bass Professor in the Humanities and Sciences, and Professor, Department of Statistics, Stanford University.

The University of Chicago awards honorary degrees only for distinguished scholarship. Previously, University of Chicago honorary degrees have gone to R. A. Fisher (1952), Harold Hotelling (1955), Jerzy Neyman (1959), Maurice S. Bartlett (1966), John W. Tukey (1969), Fred Mosteller (1973), Erich L. Lehmann (1989), Charles M. Stein (1992), Ulf Grenander (1994), Bradley Efron (1995), David Aldous (2000), Persi Diaconis (2003), and Grace Wahba (2007).

David Donoho and the Chicago Department of Statistics (from left, Peter McCullagh, Dan Nicolae, Mathias Drton, David Wallace, Ron Thisted, David Donoho, Michael Stein, Stephen Stigler, Mary Sara McPeck, Steve Lalley, Debashis Mondal, Mei Wang)



The College of Liberal Arts and Sciences at Iowa State University honored **Sallie Keller** with the John V. Atanasoff Research and Discovery Award at the ISU Alumni Association's awards ceremony on Friday, Oct. 16, 2009. This award was established in 2005 to honor alumni of the college who have furthered scientific knowledge of the nation and the world, either through laboratory accomplishments and/or management.

Sallie Keller is the William and Stephanie Sick Dean of Engineering and Professor of Statistics in the George Brown School of Engineering at Rice University. She has widely published and is co-author of a book entitled *Introduction to Probability and Systems Modeling*. Her areas of research are uncertainty quantification, computational and graphical statistics and related software and modeling techniques, and data access and confidentiality. Her leadership experience spans the academy, industry, and government.

Keller was a group leader for statistical sciences at Los Alamos National Laboratory from 1998–2005. She was professor and director of graduate studies in the University of Kansas Department of Statistics from 1996–98. She held a joint research fellowship of the American Statistical Association, National Science Foundation (NSF), and Bureau of Labor Statistics from 1996–97 and served as program director for Statistics and Probability in the Division of Mathematical Sciences of the NSF from 1994–96.

Keller, who was named a Fellow of the American Association of the Advancement of Science in 2005, received the American Statistical Association's Founders Award in 2002. She was also named a National Associate of the National Academy of Sciences in 2002 and a Fellow of the American Statistical Association in 1997. She was president and chairman of the board of directors of the American Statistical Association in 2006. She is a member of the American Association of University Women, as well as the board of Management Leadership of Tomorrow. Keller served as president of Mu Sigma Rho at Iowa State while earning her PhD.



Sallie Ann Keller

IMS Dues and Subscriptions Office new telephone number

If you are calling the IMS Dues and Subscriptions Office to renew your membership, place an order for a publication, or update your address records, please note the new phone numbers.

From within the United States, the toll-free number is 877-557-4674. If dialling from outside America, the international number is +1 216 295 2340. These numbers are now the same for the IMS Business Office.



IMS Editors

IMS Journals and Publications

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

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

Annals of Probability: Ofer Zeitouni
<http://imstat.org/aop>

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

Statistical Science: David Madigan
<http://imstat.org/sts>

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

IMS Collections: Anirban DasGupta
<http://imstat.org/publications/imscollections.htm>

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

IMS Co-sponsored Journals and Publications

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

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

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

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

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

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

Probability Surveys: Geoffrey Grimmett
<http://imstat.org/ps>

IMS Supported Journals

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

Bayesian Analysis: Brad Carlin
<http://ba.stat.cmu.edu>

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

Brazilian Journal of Probability and Statistics: Silvia Ferrari
<http://imstat.org/bjps>

IMS Affiliated Journals

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

Probability and Mathematical Statistics: W. Szcotka,
 A. Weron & W.A. Woyczyński
<http://www.math.uni.wroc.pl/~pms>

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Journal News: *Annals of Statistics*

Susan Murphy and Bernard Silverman have been co-editors of the *Annals of Statistics* for three years, and their term is about to end. The new co-editors will be Peter Bühlmann and T. Tony Cai. Peter (ETH Zürich) and Tony (University of Pennsylvania) will serve for a three year term, from January 1, 2010 to December 31, 2012.

There have been two double issues this year, in Volume 37 (5A and 5B, and 6A and 6B). This action was taken to decrease the backlog of papers—itself a result of improvements in the referee-ing process.

Incoming Editors Peter and Tony commented, “Susan and Bernard have initialized important changes in the editorial process by introducing the Electronic Journal Management System (EJMS), and they have been very successful in keeping the high quality standard of the *Annals of Statistics* while drastically reducing review times and clearing a long backlog of papers waiting for publication. Susan and Bernard, thank you for having further shaped the *Annals of Statistics* to one of the best and most efficient journals in statistics.”

The latest issue of AOS—Volume 37, issue 6B, December 2009—is available to read online (free, of course, for all IMS members) at <http://projecteuclid.org/aos>

THE ANNALS of STATISTICS

AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS

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Journal News: *Annals of Applied Probability*

IMS Council members have approved the appointment of **Andrew Barbour** as the new editor of the *Annals of Applied Probability*, to serve from January 1, 2010 to December 31, 2012, as recommended by the Committee to Select Editors.

Andrew is Professor of Biomathematics at Universität Zürich, Switzerland. He lists his research interests on his homepage (<http://user.math.uzh.ch/barbour/index.html>) as “applied probability, biomathematics and statistics,” in particular, Stein’s method for distributional approximation; mathematical epidemiology: modelling and data analysis; combinatorial and geometrical probability; branching and population processes; and computational molecular biology.

Yuval Peres has resigned from editing *AAP* because of increased work responsibilities at Microsoft. In the interim, the editorship has been managed most generously by Ed Waymire and Rick Durrett who deserve great credit for their selfless contributions. *AAP* is running smoothly with their help, and the new editor should expect to have a very pleasant start-up.

The October 2009 issue (Volume 19, Number 5) is at <http://projecteuclid.org/aap>

Annals of Applied Probability

October 2009 issue contents:

Robust adaptive importance sampling for normal random vectors. BENJAMIN JOURDAIN AND JÉRÔME LELONG; 1687-1718

State space collapse and diffusion approximation for a network operating under a fair bandwidth sharing policy. W. N. KANG, F. P. KELLY, N. H. LEE AND R. J. WILLIAMS; 1719-1780

On the silhouette of binary search trees. RUDOLF GRÜBEL; 1781-1802

A polymer in a multi-interface medium. FRANCESCO CARAVENNA AND NICOLAS PÉTRÉLIS; 1803-1839

Approximations of the Wiener sausage and its curvature measures. JAN RATAJ, EVGENY SPODAREV AND DANIEL MESCHENMOSE; 1840-1859

A note on the enumeration of directed animals via gas considerations. MARIE ALBENQUE; 1860-1879

Spatially explicit non-Mendelian diploid model. N. LANCHIER AND C. NEUHAUSER; 1880-1920

Coexistence for a multitype contact process with seasons. B. CHAN, R. DURRETT AND N. LANCHIER; 1921-1943

Esscher transform and the duality principle for multidimensional semimartingales. ERNST EBERLEIN, ANTONIS PAPAPANTOLEON AND ALBERT N. SHIRYAEV; 1944-1971

Attraction time for strongly reinforced walks. CODINA COTAR AND VLADA LIMIC; 1972-2007

On deciding stability of multiclass queueing networks under buffer priority scheduling policies. DAVID GAMARNIK AND DMITRIY KATZ; 2008-2037

Journal News: *Annals of Applied Statistics*

The *Annals of Applied Statistics* is going from strength to strength. Submissions are up by 25 per cent this year, says Bradley Efron, Editor-in-Chief. He announced a new member of the AOAS editorial team: “I’m happy to report that **Samuel Kou**, Harvard Department of Statistics, has accepted our offer to take over as General Topics editor when Karen Kafadar replaces Michael Newton as Biomedical/Genetics editor on January 1, 2010. This will reduce the average age of the editors considerably, and will certainly not decrease the average IQ!”

Read the latest issue of *AOAS* at <http://projecteuclid.org/aoas>

Looking ahead to Gothenburg... continued from cover

Probability & Biology (two sessions). The joint sessions will be in the areas of neuroscience, imaging & random fields, spatial modeling in ecology & environmental sciences, financial markets in energy, climate & natural resources, portfolio optimization, insurance & risk management, extreme value theory & applications, and telecommunications.

We look forward to seeing you in Gothenburg in August! Particularly in that month the climate is delightful. The average August maximum temperature is 72°F (22°C), with a minimum of 58 (14) degrees. You can easily travel to Gothenburg; the city’s airport is Sweden’s second largest, and trains and buses link the city to many other destinations, both within and outside Sweden.

Välkommen!

Statistics Surveys

An IMS Open-Access Journal



Statistics Surveys is an online open-access refereed journal that publishes overview articles in theoretical, computational, and applied statistics. The style of articles may range from reviews of recent research to graduate textbook exposition. Articles may be broad or narrow in scope. The essential requirements are a well-specified topic and target audience, together with clear exposition.

Please see the current issue at the journal website for recent articles, including one by Professor Judea Pearl (UCLA) on causal inference in statistics.



Statistics Surveys is sponsored by the American Statistical Association, the Bernoulli Society, the Institute of Mathematical Statistics and by the Statistical Society of Canada.

<http://i-journals.org/ss/>

IMS Awards: nominate or apply now

IMS Fellowship nomination

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

Deadline: January 31, 2010

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

- (1) a candidate of well-established leadership whose contributions to the field of statistics or probability other than original research shall be judged of equal value; or
- (2) a candidate of well-established leadership in the application of statistics or probability, whose work has contributed greatly to the utility of and the appreciation of these areas.

Candidates for fellowship should be members of IMS on December 1 of the year preceding their nomination, and should have been members for at least two years. Details on how to nominate are on the website above. Please also read the supporting information on the website, and pass on the information to letter-writers. Letters are expected explicitly to address the above IMS criteria for fellowship.

Harry C Carver Medal

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

Deadline: February 1, 2010

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

IMS Laha Travel Awards

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

Deadline: February 1, 2010

With funds from a generous bequest by the late Professor Radha Govind Laha, IMS has established the Laha Awards to provide funds for travel to present a paper at the 2010 IMS Annual Meeting, to be held in Gothenburg, Sweden, August 9–13, 2010 (www.ims-gothenburg.com).

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

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

Applications will be reviewed by the IMS Committee on Travel Awards. The paper presented must be the work of the student (or new researcher), although it may have been done in collaboration with an advisor or others. All applicants must submit their paper to the meeting directly (via <http://www.ims-gothenburg.com/>). This travel grant award application and the meeting abstract submission are separate.



Radha Laha

The 2009 IMS Laha Travel Award recipients, pictured at JSM in Washington DC, with IMS President Nanny Wermuth (now Past-President), front row, second from left. Apply now for your travel to Sweden!



OBITUARY: Stephen W. Lagakos

1946–2009

STEPHEN W. LAGAKOS, Professor of Biostatistics at Harvard School of Public Health, met an untimely death in an automobile accident on October 12, 2009, in Peterboro, New Hampshire. He was 63. The entire statistical community is greatly saddened at the loss of one of the leading members of our profession.

Steve was born and raised in Philadelphia. He earned a BS degree at Carnegie Mellon University and a PhD at George Washington University, Washington DC. After finishing his doctorate he joined the Stat Lab at the State University of New York at Buffalo in 1972. The Stat Lab was essentially the major statistical center for carrying out cancer clinical trials in the US. The Stat Center was the Statistical Coordinating Center for the Eastern Cooperative Oncology Group, the GI Tumor Study Group, the Radiation Therapy Oncology Group and the Veterans' Administration Lung Cancer Group. It was a beehive of activity developing new methodology for carrying out multi-center cancer clinical trials. The influence of the Stat Lab on Steve for dealing with real problems remained with him throughout his entire career. He joined Harvard in 1978 and held appointments at Harvard and at the Dana-Farber Cancer Institute.

Steve was an elected Fellow of the IMS, as well as the ASA, ISI and AAAS. He received the Spiegelman Gold Medal Award from the American Public Health Association (1983), was a co-recipient of the Howard M. Temin Award for Clinical Science (1993) and was elected to the Institute of Medicine (2002). Steve was awarded an honorary doctorate from the National and Kapodistrian University of Athens (2006). He served as Chair of the Department of Biostatistics for eight years,

was an Associate Editor of the *Journal of the American Statistical Association* and was Chair of Section U (Statistics) of the AAAS. He served on many NIH and FDA committees and was a long time member of the Editorial Board of the *New England Journal of Medicine*. He chaired the Institute of Medicine Committee on Methodological Challenges in Biomedical HIV Prevention Trials, and co-authored a recent book describing the work of the Committee.

He was the founder and director of the Center for Biostatistics in AIDS Research (CBAR) at the Harvard School of Public Health, whose mission is to foster and conduct statistical scientific activity in clinical trials and other public health research areas in HIV disease. CBAR has been responsible for the planning, monitoring and analysis of nearly all of the federally-funded HIV clinical trials in the US. Steve was closely involved with all of CBAR's activities. He was a "hands-on" person. At the time of his death he was leading a group that planned the most extensive clinical trial ever on investigating the reduction of AIDS transmission from mother to infant. Undoubtedly, he was the leading biostatistician in the world working on clinical trials in AIDS. His close contact with AIDS research led him and his students to develop many new statistical methods to deal with the many new situations encountered in AIDS research. Among these contributions were: the estimation of failure-time distributions in the presence of imperfect diagnostic tests; mis-specified proportional hazards models; timing of perinatal transmission of AIDS; eradication studies of chronic viral infections; adjustments for early treatment termination; doubly-censored data and covariates; and cross-sectional HIV incidence estimation.



Steve Lagakos

Photo: Harvard School of Public Health/
<http://stephen-lagakos.memory-of.com/>

Steve's research interests were very broad. He published papers on survival distributions, stochastic processes and clinical trials. Many of his research papers were seminal and appeared in the leading journals of our profession.

He collaborated with me on the famous "Woburn Study" which is still regarded as among the most sophisticated statistical studies on the environment ever done. It led to the recognition that ordinary citizens could play an important role in investigations of the environment in their locality. Some writers referred to the involvement of local residents in environmental studies as "citizen epidemiology".

Steve was a long-time member of the Editorial Board of the *New England Journal of Medicine*. When disputes involving quantitative methods arose in the Editorial Board, he was the first one to be consulted by the Editor. A case in point was the APPROVe clinical trial which evaluated the use of Vioxx for the prevention of recurrent colorectal polyps. Patients were not evaluated for cardiovascular side effects after dropping out of the study. Side effects were present at least one year after a patient had dropped out of the trial. This problem was missed by the clinical investigators. It raised many data analytic questions about the evaluation of treatment side effects and the possible biases and dilutions associated with neglecting the side effects of drop-outs and the failure to have suitable long-term follow-up time. Steve published perhaps the most sophisticated statistical paper ever

Continued on **Page 9**

Mentoring African Research in Mathematics... and in Statistics and Probability?

The electronic newsletter of the International Mathematical Union, IMU-Net, recently reported on this IMU programme:

Mentoring African Research in Mathematics (MARM) is a cooperative programme designed to support mathematics research and advanced teaching in the countries of sub-Saharan Africa. The programme, which sponsors research partnerships between mathematicians in the more developed countries and African colleagues and their students, emerged from the work of the IMU's Developing Countries Strategy Group. Its goal is to counter the mathematics "brain-drain" from sub-Saharan Africa by supporting the work of qualified mathematics professionals in situ. Working in consultation with all parties, MARM establishes longer-term mentoring relations between individual mathematicians and students, creating joint research partnerships between mathematicians working in established research centres, their colleagues in sub-Saharan Africa, and doctoral students of those colleagues.

MARM is jointly run by the IMU, the London Mathematical Society, the African Mathematics Millennium Science Initiative (AMMSI) and the International Centre for Mathematical Sciences in Edinburgh. It is supported by grants awarded by the Nuffield Foundation and the Leverhulme Trust. The scheme has now been in operation for three years; three rounds of proposals have been considered, and nine mentoring partnerships have been set up. Details of the Scheme and the existing projects can be found at <http://www.lms.ac.uk/grants/MARM.html>.

New partnerships are still being sought.

Mathematicians from the more developed countries who may wish to become mentors should contact the Scheme Facilitator, Dave Johnson (Dave.Johnson@nottingham.ac.uk); African universities and mathematicians interested in taking part should contact the AMMSI Programme Director, Wandera Ogana (wogana@uonbi.ac.ke). The third call has closed but the Board managing MARM is keen to establish more partnerships and is leaving the call open, without a defined closing date. Those interested should make contact as soon as possible.

Stephen W Lagakos, 1946–2009

Continued from previous page

published in the *NEJM* outlining the problem, describing analyses and methods for dealing with the problem. More recently he and his student Rui Wang, in collaboration with other statistical consultants and the *NEJM* editor, established guidelines on subgroup analyses to ensure complete and accurate reporting in the *NEJM*.

Steve was an outstanding teacher and received recognition for his teaching talents from the Harvard School of Public Health. However his highest priority was mentoring students, postdocs and junior faculty. He was generous with his time and especially with authorship credits. He treated students with very great respect regardless of their status. The entering graduate student or investigators who were "statistical ignoramuses" were treated with the same respect as the most senior Harvard professor.

He changed the life of everyone he came into contact with. He was the best of all of us and was beloved by all.

*Marvin Zelen,
Harvard School of Public Health*

IMS dues: renew and save

Renewing your IMS membership before the end of the year saves the institute money, and we pass that saving back to you as a discount on your dues. (Students still join IMS for free!) While you are renewing at <https://www.imstat.org/secure/orders/IndMember.asp>, you might consider these joint society memberships at discounted rates: **Bernoulli Society**; **ISI+Bernoulli Society**; **INFORMS/Applied Probability Society**; **International Society for Bayesian Analysis**; and **Sociedad Latino Americana de Probabilidad y Estadística Matemática (SLAPEM)**

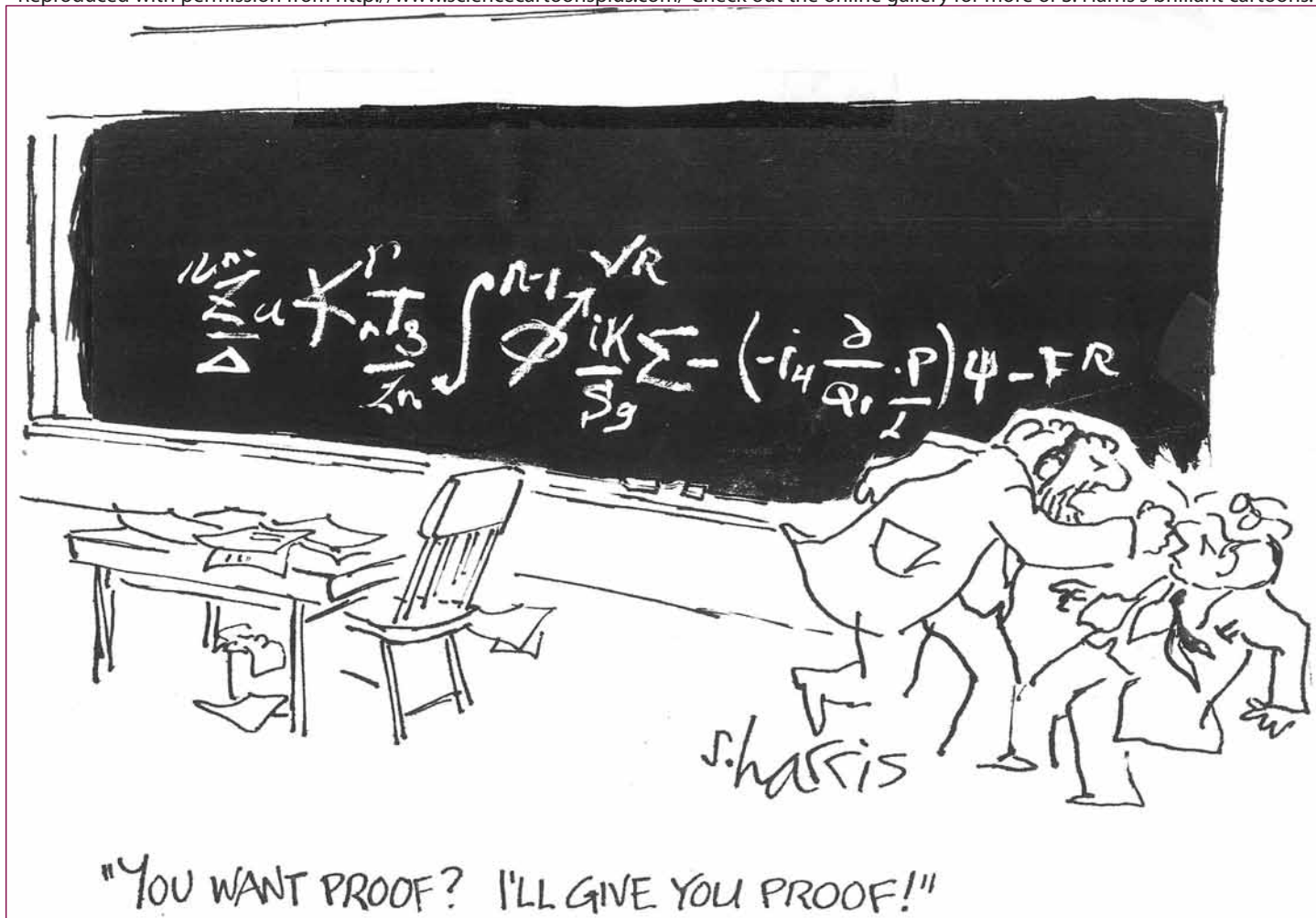
The Section on Statistics in Defense and National Security Distinguished Achievement Award

Each year the American Statistical Association Section on Statistics in Defense and National Security presents this award to a member of the statistical community. This announcement is for the next presentation of the award at the 2010 Joint Statistical Meetings in Vancouver, Canada. The purpose of the award is to recognize an outstanding accomplishment or a record of sustained contributions at the intersection of the statistical profession and national defense or national security. Any member of the section is allowed to nominate.

A nomination should include a short description of the basis for the award, contact information for both the nominator and the nominee, and suggested text for the certificate. A maximum of five seconding letters submitted in PDF format are welcome. This recognition does not include a financial award. Please be aware that unsuccessful nominations from previous years are not, and will not be, carried forward to the next year; therefore, each year, new nomination packages should be prepared for previous nominees. Electronic nominations are preferred and may be emailed to Myron Katzoff (mjk5@cdc.gov).

The deadline for nomination is **March 15, 2010**. Please refer questions to Dr. Myron Katzoff.

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Terence's Stuff: *You want proof?*

"A proof tells us where to concentrate our doubts," said Morris Kline, mathematician. But Terry Speed thinks we need derivations, not proofs...



You want proof? I'll give you proof! So goes one of my favourite cartoons, by Sidney Harris [reproduced opposite].

Do statisticians need proofs? One of my first non-trivial statistical proofs showed that the normal density integrates to 1. But was it really a proof, or just a demonstration that the result could be derived using something else—transformations of double integrals—which I had not proved?

Soon after that, I met the gamma and beta densities. We solved the problem of their densities integrating to 1 pretty neatly: the gamma and beta functions were defined to be what it takes to achieve this result. I'm oversimplifying just a little. We needed to know that a convolution of two normals is again normal, and that took a little care. When I first saw the same result holds for gammas, moment-generating functions were used. A sledge-hammer to crack a nut. Later, when I bought my copy of Feller volume 2, I saw that chapters 1 and 2 contained compact proofs of (almost) all one needs to know about the standard distributions, including the convolution property of gammas. Feller was almost gloating when he wrote, "This important property...will be in constant use; the *proof* is exceedingly simple."

When it came to the same fact for the Cauchy, Feller said it "can be proved in an elementary (but tedious) fashion" using partial fractions. He was right, so his next piece of advice was to use Fourier analysis, (not moment-generating functions).

The Kolmogorov extension theorem surely counts as something requiring a real proof, and my favourite is that of the French probabilist PA Meyer in his (English) book *Probabilities and potentials*. I recently asked a colleague whether that theorem in all its glory has a permanent place in our first measure-theoretic probability course. Not any more, I was told. Sometimes it appears as a special topic, at the end of the course; at other times it is a project for one of the class.

My late colleague David Freedman wrote in his book on the topic: "One of the leading results on Brownian motion is that it exists." Who among us would want to study something before they had proved it exists? ("Me!" you cry. Go to the back of the class. This is the Institute of *Mathematical Statistics*.) Perhaps if all the financial engineers around the globe had been required to work carefully through a version of Wiener's existence proof, and understand it completely before they could practice their black arts, the sky might have stayed up a bit longer.

It is widely believed that under some fairly general conditions, MLEs are consistent, asymptotically normal, and efficient. Stephen Stigler has elegantly documented some of Fisher's troubles when he wanted a proof. *You want proof?* Of course you can pile on assumptions so that the proof is easy. If checking your assumptions in any particular case is harder than checking the conclusion in that case, you will have joined a great tradition.

I used to think that efficiency was a thing for the theorists (I can live with inefficiency), that normality was a thing of the past (we can simulate), but that—in spite

of Ralph Waldo Emerson—consistency is a thing we should demand of any statistical procedure. Not any more. These days we can simulate in and around the conditions of our data, and learn whether a novel procedure behaves as it should in that context. If it does, we might just believe the results of its application to our data. Other people's data? That's their simulation, their part of the parameter space, their problem. Maybe some theorist will take up the challenge, and study the procedure, and produce something useful. But if we're still waiting for that with MLEs in general (canonical exponential families are in good shape), I wouldn't hold my breath for this novel procedure. By the time a few people have tried the new procedure, each time checking its suitability by simulation in their context, we will have built up a *proof by simulation*. Shocking? Of course.

Some time into my career as a statistician, I noticed that I don't check

Of course you can pile on assumptions so that the proof is easy. If checking your assumptions in any particular case is harder than checking the conclusion in that case, you will have joined a great tradition.

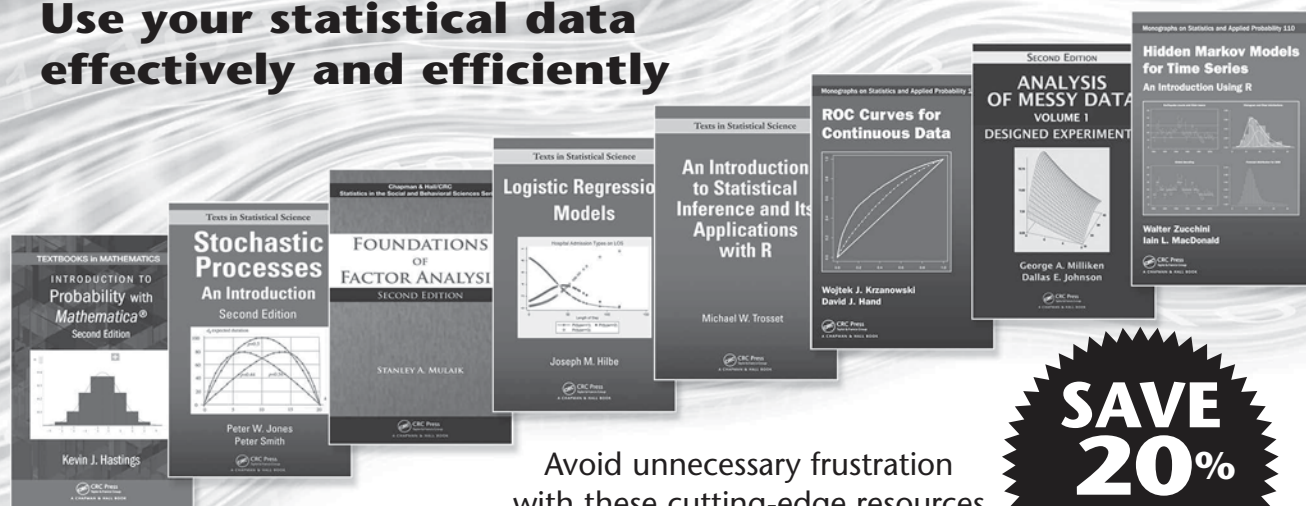
the conditions of a theorem before I use some model or method with a set of data. I think in statistics we need derivations, not proofs. That is, lines of reasoning from some assumptions to a formula, or a procedure, which may or may not have certain properties in a given context, but which, all going well, might provide some insight. The evidence that this might be the case can be mathematical, not necessarily with epsilon-delta rigour, simulation, or just verbal. Call this "a statistician's proof". This is what I do these days. Should I be kicked out of the IMS?

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Catalog no. C9470, June 2009, 496 pp.
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Catalog no. K10031, May 2009, 232 pp.
ISBN: 978-1-4398-0021-8, ~~\$69.95 / £42.99~~ **\$55.96 / £34.39**

Analysis of Messy Data Volume 1 Designed Experiments Second Edition

Catalog no. C3340, March 2009, 674 pp.
ISBN: 978-1-58488-334-0, ~~\$89.95 / £54.99~~ **\$71.96 / £43.99**

Hidden Markov Models for Time Series An Introduction Using R

Catalog no. C5734, April 2009, 288 pp.
ISBN: 978-1-58488-573-3, ~~\$79.95 / £48.99~~ **\$63.96 / £39.19**

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IMS meetings around the world

2010 WNAR/IMS Meeting: June 20–23, 2010, Seattle, Washington

W <http://www.wnar.org/>

IMS Program Chair: Brenda Kurland; WNAR Program Chair: Carolyn Rutter

WNAR sponsors students who enter the student paper competition with travel assistance and registration prices.

Information on the 2010 WNAR Student Paper Competition, registration information and program details for the meeting will be posted on the WNAR website <http://www.wnar.org/> as they become available. We look forward to seeing you there!

IMS-sponsored meeting



2010 WNAR/IMS Meeting

June 20–23, 2010 | Seattle, Washington

University of Washington Department of Biostatistics
Fred Hutchinson Cancer Research Center Biostatistics & Biomathematics Program

Forests. Mountains. Water. Art. Science. **Seattle.**

Explore the world-class city of Seattle while attending this year's WNAR meeting, hosted by the University of Washington and Fred Hutchinson Cancer Research Center. With its unique combination of culture and nature, Seattle has something to offer everyone. | For travel information, visit <http://www.visitseattle.org>.



Photo credit: Scott Beale / Laughing Squid

Selected Attractions

- Rent a canoe or rowboat at the UW Waterfront Activities Center http://depts.washington.edu/ima/IMA_wac.php or sip margaritas at the adjacent Agua Verde Paddle Club and Cafe <http://www.aquaverde.com/>
- Enjoy a Seattle Sounders FC match at Qwest Field <http://www.soundersfc.com/>
- Visit the Seattle Art Museum or the Olympic Sculpture Park <http://seattleartmuseum.org/>
- Shop at the world-famous Pike Place Farmer's Market <http://www.pikeplacemarket.org>
- Rock and Geek out in the same building at the Experience Music Project and Science Fiction Museum <http://www.empsfm.org>
- Catch a Rat City Rollergirls bout <http://www.ratcityrollergirls.com/>
- Ride a ferry to the beautiful San Juan Islands <http://www.visitsanjuans.com>

Local Organizers: Ying Qing Chen, email: yqchen@scharp.org
Gary Chan, email: kcgchan@u.washington.edu

For more meeting information visit <http://www.wnar.org/>

At a glance: forthcoming IMS Annual Meeting and JSM dates

2010

JSM: Vancouver,
Canada, July 31–
August 5, 2010

IMS Annual Meeting:

Gothenburg,
Sweden, August
9–13, 2010

2011

IMS Annual Meeting @

JSM: Miami Beach,
FL, July 30–
August 4, 2011

2012

JSM: San Diego,
CA, July 28–
August 2, 2012

IMS Annual Meeting

@ World Congress:

İstanbul, Turkey,
Date TBA

2013

IMS Annual Meeting

@ **JSM:** Montréal,
Canada, August
3–8, 2013

2014

JSM: Boston, MA,
August 2–7, 2014

IMS Annual Meeting:

Location/date TBA



IMS 2010
Gothenburg
August 9-13

IMS 2010 Gothenburg

Institute of Mathematical Statistics

73rd Annual Meeting, Aug 9-13, 2010, Gothenburg, Sweden
Venue: Chalmers University of Technology

Probability and Statistics Sessions

- Statistical theory and methods
- Stochastic processes and analysis
- Computer modelling and computing
- Genetics, health and epidemiology
- Molecular biology and genomics
- Statistical physics and disordered systems
- Statistics, physics and the environment
- Probability, economics and social science
- Combinatorics and graph theory
- Probability in biology
- Neuroscience and imaging
- Risk and extreme values

Registration online on conference website:
www.ims-gothenburg.com

CHALMERS |  UNIVERSITY OF GOTHENBURG



www.ims-gothenburg.com

Registration, abstract submission
and hotel bookings open

More IMS meetings around the world

IMS sponsored meeting

JSM2010

July 31 – August 5, 2010

Vancouver, British Columbia, Canada

www.amstat.org/meetings/jsm/2010/

The 2010 Joint Statistical Meetings will be held at the Vancouver Convention Center.

The IMS program chairs are Regina Liu, Rutgers (rlu@stat.rutgers.edu), for invited sessions, and Mu Zhu, University of Waterloo, Canada (mzhu@post.harvard.edu), for contributed sessions. If you have any questions about the JSM 2010 program, please contact them.

Abstract submission open between **December 1, 2009 and February 1, 2010.**

Please note the new requirements for travelers from the United States

Since January 1, 2007, EVERYONE traveling by AIR between the United States and Canada, Mexico, Central and South America, the Caribbean and Bermuda have been required to present a valid passport, air NEXUS card, or U.S. Coast Guard Merchant Mariner Document due to regulations set forth by the Western Hemisphere Travel Initiative.

As of 1 June 2009, EVERYONE traveling between the United States and Canada, Mexico, Central and South America, the Caribbean, and Bermuda by LAND, SEA (including cruises and ferries) or AIR will be required to present a valid passport or other documents as determined by the Department of Homeland Security to cross the border.

U.S. residents can access the following websites for passport and Visa information:

Passport: http://travel.state.gov/passport/passport_1738.html

Visa: http://travel.state.gov/visa/visa_1750.html



IMS co-sponsored meeting

Model Uncertainty

May 30 – June 1, 2010

University of Warwick, UK

IMS Representative(s) on Program Committees: Dario Spanò

[W](#) TBC

IMS co-sponsored meeting

AISTATS2010 (Artificial Intelligence and Statistics)

May 13–15, 2010

Chia Laguna Resort, Sardinia

IMS Representative on Program Committees: Michael Titterton

[W](http://www.aistats.org) <http://www.aistats.org>

The objective of this series of conferences is to bring together people with common interests from the computer science, statistics and related communities.

There will be a small number of invited talks, by Richard Gill, John Lafferty and Simon Tavaré, but the bulk of the program will consist of contributed talks and posters; see the website for details, especially the deadline of **November 6, 2009** for submission of full papers for review.

IMS co-sponsored meeting

From Markov Processes to Brownian Motion and Beyond— An International Conference In Memory of Kai Lai Chung

June 13–16, 2010

Peking University, China

IMS Representatives on Program Committees: Louis Chen, Zhen-Qing Chen, Jim Dai, Zhi-Ming Ma and Ruth Williams.

[W](#) TBC

IMS co-sponsored meeting

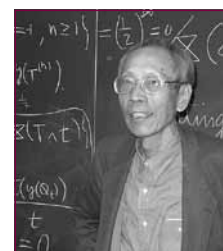
Seminar on Stochastic Processes 2010

March 11–13, 2010

University of Central Florida

[W](http://depts.washington.edu/ssproc/) <http://depts.washington.edu/ssproc/>

Apart from informal presentations by conference participants, there will be plenary talks by five invited speakers. In addition, a short informal afternoon session will be held honoring the late Kai Lai Chung's mathematical career.



Kai Lai Chung

More IMS meetings around the world

IMS co-sponsored meeting

**International Conference on Statistics, Probability,
Operations Research, Computer Science and Allied Areas**
January 4–8, 2010
Visakhapatnam, India

Abstract Deadline: **August 31, 2009**

w <http://www.stat.osu.edu/~hnn/IISA.html>

The objective of this conference is to assess recent developments in the fields of statistics, probability and computer science to discuss future directions in terms of theory, practice and education. One of the primary goals is to foster international collaboration in these related areas through the exchange of ideas and experiences to enhance other technology transfer activities. Reforms needed in statistical education and training in order to meet the changing needs of the industry and government which receive special attention.

The program of the conference will include several invited sessions, and contributed sessions as well as workshops. English is the official language for all conference materials and presentations. The conference will be held at Andhra University in Visakhapatnam.

The conference will feature topics including: applied probability; random walks; Bayes inference; biostatistics and bioinformatics; communication networks and security; data mining; design of experiments; directional data analysis; distribution theory; econometrics; Markov processes and Markov decision theory; mathematical finance; multivariate analysis; nonparametric inference; operations research, queues and inventories; pattern recognition and image processing; probability theory; limit theorems; statistical education; statistical quality control and reliability; stochastic modeling; stochastic processes, stochastic calculus and control; survey sampling; survival analysis; time series analysis; and related areas.

Workshop: on January 3, 2010, at the beginning of the conference there will be a one day satellite workshop on Distribution Theory and Directional Data Analysis.

Plenary Sessions and Speakers: Statistics: Prof. B.L.S. Prakasa Rao (University of Hyderabad, India); **Probability:** Prof. Srinivasa Varadhan (Courant Institute of Mathematical Sciences, USA); **Biostatistics:** Dr. Joseph Heyse (Vice President-Biostatistics, Merck Research Labs, USA). Special Session: A special session will be organized to honor Prof C.R. Rao, Prof S. Rao Jammalamadaka and Prof. J. Lakshminarayana, for services rendered to Andhra University.

Registration: All participants are encouraged to pre-register to secure a guaranteed place at the Conference. See the website for details.

IMS co-sponsored meeting

Stochastic Methods in Game Theory
September 8–16, 2010
Erice, Sicily, Italy

w <http://space.luiss.it/stochastic-workshop/>

IMS Representative on Program Committees: Marco Scarsini
Many decision problems involve elements of uncertainty and of strategy. Most often the two elements cannot be easily disentangled. The aim of this workshop is to examine several aspects of the interaction between strategy and stochastics. Various game theoretic models will be presented, where stochastic elements are particularly relevant either in the formulation of the model itself or in the computation of its solutions.

For more information please send an email to erice2010@luiss.it

IMS co-sponsored meeting

34th Conference on Stochastic Processes and their Applications
September 6–10, 2010
Osaka, Japan

w <http://stokhos.shinshu-u.ac.jp/SPA2010/index.html>

To be held in Osaka, Senri life center, from 6–10 September, 2010. The conference is organized under the auspices of the Bernoulli Society for Mathematical Statistics and Probability and co-sponsored by the Institute of Mathematical Statistics. It is the major annual meeting for researchers working in the field of Stochastic Processes.

The conference covers a wide range of active research areas, in particular featuring 20 invited plenary lectures presented by leading specialists. In addition, there will be a large variety of special sessions, consisting of three talks each, and contributed sessions.

IMS co-sponsored meeting

Statistical Science—Making a Difference
June 3–4, 2010. University of Wisconsin, Madison

w TBC

IMS Representative(s) on Program Committees: Kjell Doksum, Johnson, Grace Wahba

IMS co-sponsored meeting

**International Chinese Statistical Association's
2010 International Conference**
December 19–22, 2010
Guangzhou University, Guang-Zhou, China

w TBC

IMS co-sponsored meeting

First Announcement: Fourth International IMS/ISBA Joint Meeting**“MCMSki III”: Markov Chain Monte Carlo in Statistical Science****January 5–7, 2011****Park City, Utah, USA (“The Canyons”)****w** <http://madison.byu.edu/mcmski/index.html>

Following up on the success of the first three joint international meetings of IMS (Institute of Mathematical Statistics) and ISBA (International Society for Bayesian Analysis) held in Isla Verde, Puerto Rico, and Bormio, Italy, the fourth such joint meeting will be held at The Canyons in Park City, Utah, USA on January 5–7, 2011. The unifying theme of the conference will be MCMC and its impact on the practice of statistical science in diverse areas, such as genetics, genomics, environmental health, epidemiology, and so on. However, since this is a joint meeting of two diverse organizations, talks on a wide variety of topics (both Bayesian and non-Bayesian) will be presented.

Each day will begin with a 50-minute talk by a plenary speaker, immediately followed by an invited session, then lunch, and then an afternoon break (where skiing/snowboarding will be among the options). Following the break will be another invited session, then dinner and posters; in short, “Valencia style” with ski/spa time replacing the usual beach time. There will also be a pre-conference “satellite” meeting on adaptive and other advanced MCMC methods on January 3–4, with Prof. Christian Robert again serving as lead organizer (details to follow).

We are very fortunate to have commitments the following three outstanding plenary speakers:

Prof. **Nicky Best**, Imperial College London and St. Mary’s Hospital

Prof. **Michael Newton**, University of Wisconsin

Prof. **Jeffrey Rosenthal**, University of Toronto

In addition, the members of the program committee (see below) have assembled an invited program that is as attractive as the conference venue, with sessions on:

Modeling Dependence for High-Throughput Data

Advances in MCMC for Genomics

Bayesian versus Frequentist Approaches in Observational Studies

Environmental Health Statistics

MCMC for Computationally-Intensive Inverse Problems

The meeting will take place at the conference center at “The Canyons”, located approximately 40 minutes from Salt Lake City (SLC) airport and readily accessible by public transport. The airport is a hub for Delta Airlines, now the world’s biggest commercial air carrier.

We anticipate obtaining grant support from various federal sources to help subsidize the cost of attending MCMSki III for young investigators (persons within 5 years of receiving PhD) presenting talks or posters at the meeting. In addition, ISBA has

committed support for young researchers, with preference to senior/advanced students active in research, and preferentially to students from economically disadvantaged countries.

Further details, including registration fees, hotel accommodation, and social events, are available from the official conference website, <http://madison.byu.edu/mcmski/index.html>

In particular, conference registration will be available online starting in December, 2009 through a link from our site to an easy-to-use site maintained by the IMS. All papers presented at the conference (either invited or contributed) will be eligible for publication in the official journal of ISBA, *Bayesian Analysis*, following a refereeing process; see ba.stat.cmu.edu for details.

Program Committee:

Brad Carlin, University of Minnesota (Conference Co-chair)

Antionietta Mira, University of Insubria (Conference Co-chair)

Shane Reese, Brigham Young University (Local Arrangements Chair)

Clelia DiSerio, Università Vita-Salute San Raffaele

Montserrat Fuentes, North Carolina State University

Sander Greenland, University of California, Los Angeles

David Higdon, Los Alamos National Laboratory

Peter Muller, MD Anderson Cancer Center

Giovanni Parmigiani, Harvard University



IMS co-sponsored meeting

**Frontiers of Interface between Statistics and Sciences:
in honor of C.R. Rao's 90th birthday****December 31, 2009****– January 2, 2010****Hyderabad, India**

w <http://www.stat.osu.edu/~hnn/hydstatconf2010.html>

The IMS Reps are S. Rao Jammalamadaka, S. Pantula, and S. Ghosh

The conference is in honor of C.R. Rao who will be attaining the age of 90 in 2010. The topics will include, biometrics, bioinformatics, cryptology, signal processing, data mining, econometrics and statistical inference.

IMS co-sponsored meeting

**Sixth Cornell Probability Summer School
July 19–30, 2010****Cornell University, Ithaca, NY**

The scientific program is organized by Laurent Saloff-Coste. The theme is heat kernels.

The main speakers, who will give six lectures each, are **Martin Barlow**, **Bruce Driver**, and **Alexander Grigoryan**. Two lecture series will be given by **Sasha Bendikov**, **Z.Q. Chen**, **Masha Gordina**, and **Takashi Kumagai**.

As in the past, all accepted participants will have their dorm rooms paid for. US citizens can apply for \$400 of support for local expenses.

IMS co-sponsored meeting

**Seventh Cornell Probability Summer School
July 11–22, 2011****Cornell University, Ithaca, NY**

The school will be concerned with probability problems that arise from statistical physics.

The main speakers are **Marek Biskup**, **Geoff Grimmett**, and **Greg Lawler**.

IMS co-sponsored meeting

2010 ENAR/IMS Spring Meetings**March 21–24, 2010****Hilton New Orleans Riverside, New Orleans,
Louisiana, USA**

IMS Program Chairs: Marie Davidian and Hao Helen Zhang

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

IMS co-sponsored meeting

2011 ENAR/IMS Spring Meetings**March 20–23, 2011****Hyatt Regency Miami, Florida, USA**

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

IMS co-sponsored meeting

**International Conference on Statistics, Probability, Operations Research, Computer Science
and Allied Areas****January 4–8, 2010. Visakhapatnam, Andhra Pradesh, India**

w <http://www.stat.osu.edu/~hnn/IISA.html>

IMS Representatives on Program Committees: N. Balakrishnan (Chair), Canada; Hira Koul, USA; Soumendra Nath Lahiri, USA

The objective of this conference is to assess recent developments in the fields of Statistics, Probability and Computer Science to discuss future directions in terms of theory, practice and education. One of the primary goals is to foster international collaboration in these related areas through the exchange of ideas and experiences to enhance other technology transfer activities. Reforms needed in statistical education and training in order to meet the changing needs of the industry and government which receive special attention. The program of the conference will include several invited sessions, contributed sessions as well as workshops. English is the official language for all conference materials and presentations.

Other Meetings Around the World:

Announcements and Calls for Papers

Stochastic Analysis and Mathematical Physics: Conference in honor of Len Gross April 11–13, 2010 Cornell University, Ithaca, NY

w <http://www.math.ucsd.edu/~bdriver/LGC09/index.htm>

A conference in honor of Len Gross, titled Stochastic Analysis and Mathematical Physics, will be held April 11–13, 2010 at Cornell University. The conference is organized by Bruce Driver (UCSD) and Masha Gordina (University of Connecticut).

Confirmed speakers include: **Fabrice Baudoin** (Purdue), **René Carmona** (Princeton), **Eric Carlen** (Rutgers), **Brian Hall** (Notre Dame), **Elton Hsu** (Northwestern), **Todd Kemp** (UCSD/MIT), **H.-H. Kuo** (LSU), **Michel Ledoux** (Toulouse), **Paul Malliavin** (Paris), **Artem Pulemetov** (Chicago), **Ambar Sengupta** (LSU), and **Dan Stroock** (MIT).

This conference is sponsored by Cornell probability group's NSF Research Training Grant. Individuals who want to attend should fill out the registration form on the conference web page. Local expenses will be paid for accepted participants. We hope that non-speaking participants will have their travel paid by their home institution. However, there is a small amount of money available for participants for whom this is impossible.

Sponsors: This conference has been made possible through a grant to Cornell from the National Science Foundation, whose generosity is gratefully acknowledged. We also acknowledge the Cornell mathematics department for their generosity in supplying a venue for this conference.

LASR 2010: High-Throughput Sequencing, Proteins and Statistics July 6–8, 2010, University of Leeds, UK

w <http://www.maths.leeds.ac.uk/lasr2010/>

e workshop@maths.leeds.ac.uk

Call for Abstracts: We are inviting abstracts from anyone wishing to give a contributed presentation at LASR 2010. Abstracts should be one or two paragraphs in length, outlining the work that you would like to present. Please indicate whether you would prefer to present your work as a short talk or as a poster presentation. The deadline for abstract submission is **31 January 2010**. If your abstract is accepted, we will invite you to submit an extended abstract of up to four pages for inclusion in the workshop proceedings.

The 2010 Leeds Annual Statistical Research Workshop will focus on developments at the interface between statistical methodology and bioinformatics and more generally in interdisciplinary statistics.

We are pleased to announce that the following leading statisticians and bioinformaticians are expected to speak at LASR 2010: **Fred Bookstein** (University of Vienna, University of Washington); **Thomas Hamelryck** (University of Copenhagen); **Richard Jackson** (University of Leeds); **John Kent** (University of Leeds); **Arthur Lesk** (Pennsylvania State University); **Kanti Mardia** (University of Leeds); **Geoff McLachlan** (University of Queensland); **Terry Speed** (University of California, Berkeley); **Paul Verrier** (Rothamsted Research); **David Westhead** (University of Leeds); **Ernst Wit** (University of Groningen).

Statistical Analysis of Neural Data (SAND5) May 20–22, 2010, Pittsburgh, PA

w <http://sand.stat.cmu.edu>

The fifth international workshop on Statistical Analysis of Neural Data is concerned with analysis methods for neural signals from various sources, including EEG, fMRI, MEG, 2-Photon, and extracellular recordings. It aims to

- * define important problems in neuronal data analysis and useful strategies for attacking them;
- * foster communication between experimental neuroscientists and those trained in statistical and computational methods
- * encourage young researchers, including graduate students, to present their work;
- * expose young researchers to important challenges and opportunities in this interdisciplinary domain, while providing a small meeting atmosphere to facilitate the interaction of young researchers with senior colleagues. We expect some travel funds.

A series of short talks (20 minutes, including questions) will be given by young investigators (within 5 years of PhD) on a competitive basis. Anyone interested in presenting their work as a talk should submit an abstract by **February 28**. In addition, all participants are encouraged to present posters involving new methodology, investigation of existing methods, or application of state-of-the-art analytical techniques. We expect there to be a special issue of the *Journal of Computational Neuroscience* devoted to analysis of neural data, including many papers from this workshop.



icors10

INTERNATIONAL CONFERENCE ON ROBUST STATISTICS

Prague 2010



28 June – 2 July, 2010 Prague, Czech Republic

The Conference ICORS 2010 will be hosted jointly by the University of Economics, Prague, Charles University in Prague, Technical University of Liberec, CERGE-EI and Jaroslav Hajek Center for Theoretical and Applied Statistics.

Scope and topics

The ICORS 2010 conference aims to join people working on robust statistics and related fields.

Important dates

Registration opens: January 1, 2010
Deadline for abstracts: March 31, 2010
Acceptance of abstracts: April 20, 2010
Early registration: April 30, 2010

Conference venue

The ICORS 2010 will take place in Prague at the University of Economics close to the city center.



Keynote speakers



Rudolf Beran, University of California
Stephen M. Stigler, University of Chicago
Grace Wahba, University of Wisconsin-Madison



CERGE-EI



Contacts / Information / Registration

Email: icors2010@karlin.mff.cuni.cz

Website: <http://icors2010.karlin.mff.cuni.cz>



XVIII Annual Congress of the Portuguese Statistical Society**September 29 – October 2, 2010****S. Pedro do Sul, Portugal****w** <http://www.mat.uc.pt/~spe2010>

This is a forum for discussion and presentation of activities and new ideas in statistics and probability. There will be a special focus on nonparametric methods and, as an introduction to the Census in preparation in Portugal, on sampling. A short course in nonparametric methods will be given.

45th Scientific Meeting of the Italian Statistical Society**June 16–18, 2010****Padua, Italy****w** <http://www.sis-statistica.it/meetings/index.php/sis2010/sis2010>

The Italian Statistical Society (SIS) promotes an international scientific meeting every two years. The 2010 meeting will take place in Padua, Italy, next June. The Conference will include plenary, specialized, contributed and poster sessions. These can be on any area of interest relevant to theoretical and applied statistics.

COMPSTAT 2010: 19th International Conference on Computational Statistics**August 22-27, 2010****Paris, France****w** <http://www.compsstat2010.fr/>

Deadline for contributed papers: **January 10, 2010**

The COMPSTAT 2010 conference will include:

- 3 keynote lectures, given by Luc Devroye, Lutz Edler, David Hand
- 3 tutorials given by leading experts on Bayesian computation methods, Machine learning and Complex data
- 14 sessions of invited papers organized by the scientific programme committee on: ABC methods for genetic data; Algorithm for Robust statistics; Brain imaging; Computational Econometrics; Computer-intensive actuarial methods; Data stream mining; Functional Data Analysis; Kernel methods; Monte Carlo methods in system safety, reliability and risk analysis; Optimization heuristics in statistical modelling; Spatial statistics / spatial epidemiology; Financial Time Series (ARS session); Topological learning (KDD session); New developments in two or higher-mode clustering; model based clustering and reduction for high dimensional data (IFCS session)
- contributed papers (oral and poster presentations)

XVII International Symposium on Mathematical Methods Applied to the Sciences (*Simposio Internacional de Metodos Matematicos Aplicados a las Ciencias*)**February 16–19, 2010****San José, Costa Rica****w** <http://www.cimpa.ucr.ac.cr/simmac.html>**Announcement & Call for Papers**

TOPICS: Data Analysis, Multivariate Statistics, Clustering and Classification; Probability, Stochastic Processes, Financial Mathematics, Stochastic Control; Optimization, Operations Research, Approximation, Numerical Analysis, Dynamical Systems, Differential Equations; Modeling, Biomathematics; Applications in the above topics

PARTICIPATION: Short courses (3 hours); Long (40 min) and short (20 min) communications; or Participation only.

For submitting a short course or a communication, please visit our website for instructions. Abstracts deadline: **November 30, 2009**. Languages: English and Spanish.

Send abstracts to: simmac.cimpa@ucr.ac.cr
 FURTHER INFORMATION on the website: registration, Scientific Committee, Organizing Committee, hotel information, excursions, and other useful information.
 CONTACTS: Javier Trejos (Chair) javier.trejos@ucr.ac.cr; Mario Villalobos (Webmaster) mario.villalobos@ucr.ac.cr

European Meeting of Statisticians 2010**August 17–22, 2010****University of Piraeus, Greece****w** <http://stat.unipi.gr/ems2010>

The European Meetings of Statisticians cover disciplines such as mathematical statistics, biostatistics, computational statistics, financial statistics, applied probability and reliability. The meetings are held under the auspices of the Bernoulli Society for Mathematical Statistics and Probability.

The purpose of EMS 2010 is to provide a forum where researchers from universities throughout the world, as well as practitioners, can discuss current problems, new approaches and future directions in the fields of Probability and Statistics. Young researchers and PhD students are especially invited to contribute papers. Important dates and deadlines are available in the webpage of the conference.

Opening Lecture: **Alexandre Tsybakov** (CREST and Université Paris VI, France); Forum Lecture: **Tony Cai** (University of Pennsylvania, USA); Closing Lecture: **Simon Tavaré** (Cambridge University, UK). Invited speakers: **Jaromir Antoch**, **Nicolò Cesa-Bianchi**, **Mark Podolskij**, **Dimitris Politis**, **Markus Reiss**, **Sylvia Richardson**, and **Tomasz Schreiber**.



Employment Opportunities around the world

Canada: Waterloo, ON

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 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 **January 31, 2010**.

Please submit a curriculum vitae, and arrange for at least three letters of reference to be sent to *Professor Paul Marriott, 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.

Canada: Waterloo, ON

University of Waterloo, Department of Statistics and Actuarial Science

Statistics and Actuarial Science at the University of Waterloo invites applications for a tenure-track position in Actuarial Science at the Assistant Professor level. Candidates must have a PhD in an area of the mathematical, statistical or actuarial sciences, and research interests in actuarial science. Professional actuarial qualifications and experience, although not strictly necessary, would be a distinct asset. Departmental strengths in Actuarial Science and Finance cover a wide range of topics including probabilistic and statistical modelling in risk theory, insurance, pensions, solvency management and stochastic models in finance. Additional opportunities for collaboration at UW can occur through the Centre for Advanced Studies in Finance (www.arts.uwaterloo.ca/ACCT/finance/casf.htm), the Waterloo Research Institute in Insurance, Securities, and Quantitative Finance (WATRISQ) (<http://www.watrisq.uwaterloo.ca/>), and the Business Industrial Research Group (www.bisrg.uwaterloo.ca/).

Applicants must have proven ability in or potential for research, in addition to good teaching and communication skills. Duties include undergraduate and graduate teaching, and the development of an independent research program. The salary offered will be commensurate with qualifications and experience. The closing date for applications is **January 31, 2010**.

Please submit a curriculum vitae, and arrange for at least three letters of reference to be sent to *Professor Paul Marriott, 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: Taipei City

Academia Sinica Institute of Statistical Science: Regular Research Positions

The Institute of Statistical Science, Academia Sinica, is seeking outstanding candidates for regular research positions available in 2010, contingent upon administrative approval. Candidates will be considered in all areas of Statistics. Appointments will be considered at the level of assistant, associate or full research fellow, depending on qualifications and experience. Candidates should have a PhD in statistics or related fields. Application materials include

- (1) a current curriculum vitae,
- (2) three letters of recommendation,
- (3) representative publications and/or technical reports,
- (4) transcripts (for new PhD only), and additional supporting materials.

Except for the letters of recommendation, electronic submissions are encouraged.

Applications should be submitted to *Search Committee, Institute of Statistical Science, Academia Sinica, 128 Sec. 2 Academia Road, Taipei 11529, Taiwan, R.O.C.* Fax: +886-2-27831523; E-mail: jmchiou@stat.sinica.edu.tw

Attn: Dr. Jeng-Min Chiou.

Applications should be completed by **December 31, 2009** for full consideration.

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

The Department of Statistics and Actuarial Science at the University of Waterloo invites applications for a tenure-track position in Biostatistics at the Assistant or Associate Professor level. Successful candidates will have a strong record in the development of statistical methods and enthusiasm and experience in collaborative health research. Duties will include undergraduate teaching in statistical methods for health research and graduate student supervision. Candidates should hold a doctoral degree in Statistics or Biostatistics. The position is available effective July 1, 2010, but the starting time is negotiable. Opportunities for collaborative public health research within the University of Waterloo are extensive and may involve faculty in Health Studies and Gerontology, the School of Optometry, the Population Health Research Group, the Waterloo Institute for Health Informatics, and others. Many opportunities for collaborative research also exist with nearby health research institutions. The Department of Statistics and Actuarial Science at the University of Waterloo is among the most active departments in the world with over 45 full time faculty and 152 graduate students. Departmental strengths in Statistics and Biostatistics cover a wide range of topics including methods for the analysis of longitudinal and life history data, cluster randomized studies, data mining, missing data, environmental statistics, survey methods, clinical trials, foundations in statistics, and interdisciplinary collaborative work.

Interested candidates with a strong track record or potential in research and teaching are encouraged to apply for these positions. The salary offered will be commensurate with qualifications and experience. The closing date for applications is **January 31, 2010**.

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

Professor Paul Marriott, 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.

Hong Kong: Kowloon

THE HONG KONG UNIVERSITY OF
SCIENCE AND TECHNOLOGY

Department of Mathematics Faculty Position(s)

The Department of Mathematics invites applications for tenure-track faculty positions at the rank of Assistant Professor in all areas of mathematics, including one position in Risk Management. Other things being equal, preference will be given to areas consistent with the Department's strategic planning.

A PhD degree with strong experience in research and teaching is required. Applicants with exceptionally strong qualifications and experience in research and teaching may be considered for positions above the Assistant Professor rank.

Starting rank and salary will depend on qualifications and experience. Fringe benefits include medical/dental benefits and annual leave. Housing will also be provided where applicable. Initial appointment will be on a three-year contract, renewable subject to mutual agreement. A gratuity will be payable upon successful completion of contract.

Applications received on or before 31 December 2009 will be given full consideration for appointment in 2010. Applications received afterwards will be considered subject to availability of positions. Applicants should send a curriculum vitae and at least three research references and one teaching reference to the Human Resources Office, HKUST, Clear Water Bay, Kowloon, Hong Kong, (Fax (852) 2358 0700). Applicants for positions above the Assistant Professor rank should send a curriculum vitae and the names of at least three research referees to the Human Resources Office. More information about the University is available on the University's homepage at <http://www.ust.hk>.

(Information provided by applicants will be used for recruitment and other employment related purposes.)

Canada: Vancouver, BC**University of British Columbia, Department of Statistics**

Tenure-Track Instructor I

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6196562**France: Paris/Cergy****ESSEC Business School**

Permanent Position in Statistics or Econometrics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6139081**Sweden: Linköping****Linköping University, Sweden**

Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6138618**Switzerland: Lausanne****Swiss Federal Institute of Technology, Lausanne (EPFL)**

Postdoctoral/Doctoral Positions in Statistics/Applied Probability at EPFL

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6195766**Taiwan: Taipei****Institute of Statistical Science, Academia Sinica**

Regular Research Positions

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5932435**Taiwan: Taipei****National Taiwan University, Department of Mathematics**

Open rank professor and post doc

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6034335**United Kingdom: Oxford****Department of Statistics, University of Oxford**

University Lecturer in Statistics in association with Jesus College

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6203143**United States: Tempe, AZ****School of Mathematical & Statistical Sciences**

Tenure/Tenure-Track

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6191624**United States: Chicago, IL****DePaul University, Department of Mathematical Sciences**

Director of Graduate Programs

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6144544**United States: Chicago, IL****Illinois Institute of Technology**

Tenure-Track Faculty

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5989377**United States: Worcester, MA****Worcester Polytechnic Institute**

Tenure-Track Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6153172**United States: Boston, MA****Boston University, Department of Mathematics and Statistics**

Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6046071**United States: Minneapolis, MN****University of Minnesota, School of Statistics**

Assistant professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6058863**United States: Ithaca, NY****Cornell University**

Visiting Faculty

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6171808**United States: Ithaca, NY****Cornell University**

NSF Postdoctoral Positions

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6090319**United States: Athens, OH****Ohio University Department of Mathematics**

Assistant Professor of Statistics/Actuarial Science or Mathematics Education

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6183922**United States: Pittsburgh, PA****Carnegie Mellon University, Department of Statistics**

Tenure-track, lecturer, and visiting faculty

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6045785**United States: Philadelphia, PA****University of Pennsylvania, The Wharton School**

Faculty position at any level

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6133167

United States: Columbia, SC**University of South Carolina****Department of Statistics****Assistant and Associate Professor Positions**

The Department of Statistics at the University of South Carolina invites applications for three tenure-track faculty positions. Two of these positions are at the rank of Assistant Professor, while the other position could be up to the rank of Associate Professor.

Applicants for the Assistant Professor positions must have strong potential for excellence in research and teaching, while applicants for the Associate Professor position must have excellent research and teaching credentials.

The department currently consists of ten tenure-track faculty and three full time instructors. We encourage applications in any specialty area of statistics which will enhance or complement our current expertise (see www.stat.sc.edu/research/). Individuals having a PhD in statistics with research focus in econometrics/actuarial science or in areas applicable to the University's research initiatives in bioinformatics or nanotechnology are also encouraged to apply.

Appointments will commence August 2010. For full consideration, applications for Assistant Professor must be received by **December 1, 2009** while applications for Associate Professor must be received by **January 4, 2010**. Curriculum vita, at least three letters of reference, and a copy of graduate transcripts (for the Assistant Professor level) are required. Materials should be sent to:

Faculty Search Committee
c/o Ms. Tina Ormenisan
Department of Statistics
University of South Carolina
Columbia, SC 29208
USA

Inquiries about these positions should be sent to Professor Edsel A. Peña, Chair of the Faculty Search Committee, using the e-mail address pena@stat.sc.edu.

The University of South Carolina is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.

**United States: Knoxville, TN****The University of Tennessee****Department of Mathematics**

The Department of Mathematics of The University of Tennessee seeks to fill one tenure-track Assistant Professor position in Probability. A PhD or equivalent degree is required. Outstanding research promise and dedication to excellent teaching are paramount. Some postdoctoral experience is desirable, though not required. Employment begins August 1, 2010.

Applicants should arrange to have a curriculum vita, at least three letters of recommendation, a research statement (including future plans and abstracts of finished papers), and evidence of quality teaching. These documents can be submitted any of the following ways:

- (1) electronically at <http://www.mathjobs.org/jobs> (preferred),
- (2) by e-mail to probsearch@math.utk.edu,
- (3) by mail to *Probability Search, Department of Mathematics, The University of Tennessee, Knoxville, TN 37996-0612*.

Review of applications will begin December 1, 2009 and will continue until the position is filled.

The Knoxville campus of the University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University. For more information about the University and Department of Mathematics please see our websites at <http://www.utk.edu> and <http://www.math.utk.edu>.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.

United States: Durham, NC**Duke University Department of Statistical Science**

The Department of Statistical Science invites applications for faculty appointment at the level of Assistant Professor to begin in Fall 2010. Preference will be given to candidates whose core statistical science research interests are complemented with collaborative research interest in systems biology, neurosciences, social sciences, or environmental science.

The Department of Statistical Science is an internationally recognized center of excellence for research and education in the development and application of contemporary statistical methodology. Particular emphasis is directed toward Bayesian modeling in many scientific fields as well as emerging computationally intensive methods. The Department offers outstanding computational facilities and opportunities for interdisciplinary research. It currently has 14 regular rank faculty along with 14 visiting, adjunct, and post doctoral faculty and 35 Ph.D. students.

The Ph.D. program as well as the Department's research agenda benefit from strong connections with the Statistical and Applied Mathematical Sciences Institute (SAMSI) and the National Institute of Statistical Sciences (NISS), both located nearby in the Research Triangle. A Statistical Science major, started in Fall 2007, provides the primary focus of our undergraduate program. More information about the Department is available at the web site <http://www.stat.duke.edu>.

All applicants should provide a letter, curriculum vitae, personal statement, and the names of three references. All materials should be submitted online at Academic Jobs Online (<https://academicjobsonline.org/ajo>). For inquiries and e-mail correspondence please write to search@stat.duke.edu. The application pool will remain open until the position is filled but screening will begin on 1 December, 2009.

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

United States: Clemson, SC**Clemson University, Department of Mathematical Sciences**

Tenure Track Faculty Position

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6203170

United States: Denton, TX**University of North Texas, Mathematics Department**

Assistant Professor

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6165162

United States: San Antonio, TX**Trinity University**

Chair, Department of Mathematics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6199643

United States: San Antonio, TX**Trinity University**

Assistant Professor of Mathematics

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6199636

United States: College Station, TX**Texas A&M University**

IAMCS Post Doctoral Researcher

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5942093

United States: Fairfax, VA**George Mason University**

Open Rank Faculty Appointment

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6110170

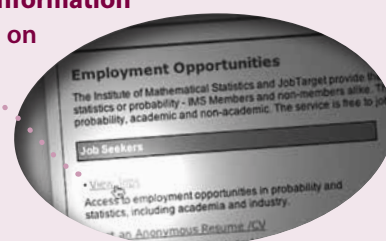
United States: Charlottesville, VA**University of Virginia**

Staff Statistical Geneticist Biostatistician

http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5637942

Our online job boards allow employers and job seekers to have the most up-to-date information at their fingertips. The service is free to job seekers. To search job openings online, log on to <http://jobs.imstat.org> and click on "View Jobs"

If you have a job to advertise, go to the same webpage and click on "Post a Job". A single 45-day online job posting costs just \$195.00, and we also include the basic information about your job ad here in the *IMS Bulletin* at no extra charge. The advertising service is open to all employers in the area of statistics and probability, both academic and non-academic.



International Calendar of Statistical Events

IMS meetings are highlighted in maroon with the  logo, and new or updated entries have the  or  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

December 2009

December 4: Rutgers, NJ. 30 Years of Bootstrap and Recent Advances in Statistics. Regina Liu **e** rlu@stat.rutgers.edu **w** <http://www.stat.rutgers.edu>


December 7–11: Atlantic City, NJ. 65th Annual Deming Conference on Applied Statistics. Walter R. Young **e** demingchair@gmail.com **w** www.demingconference.com

December 14–16: University of Warwick, UK. Subjective Bayes 2009 Workshop. **w** http://www2.warwick.ac.uk/fac/sci/statistics/crism/workshops/subjective_bayes

December 17–19: Hong Kong. Nonlinear Time Series: Threshold Modelling and Beyond—in honour of Howell Tong. **w** <http://lx2.saas.hku.hk/Conference/NTS2009/>

December 20–23: The American University in Cairo, Egypt. ICCS-X: 10th Biennial Islamic Countries Conference on Statistical Sciences. Zeinab Amin **e** iccs-x@aucegypt.edu **w** <http://www.iccs-x.org.eg>

December 28–31: Kolkata, India. Seventh International Triennial Calcutta Symposium on Probability and Statistics **w** <http://triennial.calcuttastatisticalassociation.org/SympBrochure.php>

 **December 31 – January 2:** Hyderabad, India. International conference on Frontiers of Interface between Statistics and Sciences: in honor of C.R. Rao's 90th birthday. IMS Reps: S. Rao Jammalamadaka, S. Pantula, S. Ghosh. **w** <http://www.stat.osu.edu/~hnn/hydstatconf2010.html>

January 2010

 **January 4–8:** Andhra University, India. IISA Joint Statistical Meetings and International Conference on Statistics, Probability and Related Areas. S. Rao Jammalamadaka **e** rao@pstat.ucsb.edu, N. Balakrishnan **e** bala@mcmaster.ca, K. Srinivasa Rao **e** ksraoau@yahoo.co.in **w** www.stat.osu.edu/~hnn/IISA.html

January 11–13: Loyola College, Chennai, India. International Conference on Statistics and Information Analytics (ICSIA 2010). Convenor: Dr. T. Leo Alexander **e** leo_a98@hotmail.com **w** www.loyolacollege.edu/icsia2010/statistics.html

January 11 – July 2: Isaac Newton Institute for Mathematical Sciences, Cambridge, UK. Stochastic Processes in Communication Sciences programme **w** <http://www.newton.ac.uk/programmes/SCS/index.html>


January 15–16: Gainesville, Florida. University of Florida Twelfth Annual Winter Workshop: Categorical Data Analysis. **w** <http://www.stat.ufl.edu>

January 18–20: Lunteren, Netherlands. 9th Winter School on Mathematical Finance. **w** <http://www.science.uva.nl/~spreij/stieltjes/winterschool.html>

February 2010

February 4–5: Brussels, Belgium. Actuarial and Financial Mathematics Conference 2010: Interplay between Finance and Insurance. **w** <http://www.afmathconf.ugent.be/>

February 8–11: Beer Sheva, Israel. SMRLO'10: International Symposium on Stochastic Models in Reliability Engineering, Life Sciences and Operations Management. **w** <http://info.sce.ac.il/i/SMRLO10>

 **February 16–19:** San José, Costa Rica. XVII International Symposium on Mathematical Methods Applied to the Sciences. **w** <http://www.cimpa.ucr.ac.cr/simmac.html>

March 2010

March 2–5: Leipzig University, Germany. 9th German Open Conference on Probability and Statistics. **w** <http://www.gocps-leipzig2010.com/>

International Calendar *continued*

March 2010 continued

 **March 11–13: Florida. Seminar on Stochastic Processes 2010**
w <http://depts.washington.edu/ssproc/>


 **March 17–20: University of Texas at San Antonio. Frontier of Statistical Decision Making and Bayesian Analysis: in honor of James O. Berger.** IMS Rep on Program Committees: Dipak K. Dey. **w** <http://bergerconference2010.utsa.edu/>

 **March 21–24: Hyatt Regency New Orleans, Louisiana. 2010 ENAR/IMS Spring Meetings.** IMS Program Chairs: Marie Davidian and Hao Helen Zhang **w** www.enar.org/meetings.cfm

March 23–26: Dortmund, Germany. 2nd Joint Statistical Meeting of Statisticians DAGStat 2010 “Statistics under one umbrella” **w** <http://www.statistik.tu-dortmund.de/DAGStat2010/en/>

March 25–26: Department of Statistics, Texas A & M University. Conference on Resampling methods and High Dimensional Data. **w** <http://www.stat.tamu.edu/Spring-Conf-2010/index.html>

April 2010


 **April 11–13: Cornell University, Ithaca, NY. Stochastic Analysis and Mathematical Physics: Conference in honor of Len Gross.** **w** <http://www.math.ucsd.edu/~bdriver/LGC09/index.htm>

April 14–17: Biskra, Algeria. International Workshop on Multivariate Risks and Copulas **w** http://www.univ-biskra.dz/manifestations/math/stat_2010

May 2010

 **May 13–15: Sardinia. AISTATS2010 (Artificial Intelligence and Statistics)** **w** www.aistats.org

May 19–22: Columbus, Ohio. Conference on Nonparametric Statistics and Statistical Learning. **w** www.stat.osu.edu/~nssl2010/

 **May 20–22: Pittsburgh, PA. Statistical Analysis of Neural Data (SAND5).** **w** <http://sand.stat.cmu.edu>

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

May 26–28: Dakar, Sénégal. Conference on Applied Statistics and Probability for Africa Development (ASPAD II) and Constitutive Assembly of the Statistical Pan African Society (May 26, 2010, Saint-Louis, Sénégal) **w** <http://www.statpas.org/ang/spada2.php>

 **May 30 – June 1: Warwick, UK. Model Uncertainty.** **w** TBC


June 2010

 **June 3–4: University of Wisconsin, Madison. Statistical Science—Making a Difference** **w** TBC


June 3–6: Samos, Greece. 6th Conference in Actuarial Science & Finance. **w** <http://www.actuar.aegean.gr/samos2010/>

July 5–7: Québec, Canada. Water2010. **w** <http://www.water2010.org/index.html>

June 5–8: Shanghai Finance University, China. 19th International Workshop on Matrices and Statistics (IWMS 2010). **w** www1.shfc.edu.cn/iwms/index.asp

 **June 13–16: Peking University, China. From Markov Processes to Brownian Motion and Beyond: International Conference in Memory of Kai Lai Chung.** **w** TBC

June 14–17: Voss, Norway. 23rd Nordic Conference on Mathematical Statistics (NORDSTAT 2010). **w** www.nordstat2010.org

 **June 16–18: Padua, Italy. 45th Scientific Meeting of the Italian Statistical Society.** **w** <http://www.sis-statistica.it/meetings/index.php/sis2010/sis2010>

 **June 20–23: Seattle, Washington. 2010 WNAR/IMS Meeting** **w** www.wnar.org

June 21 – July 10: Seattle, Washington. PIMS 2010 Summer School in Probability **w** <http://pims2010.web.officelive.com/default.aspx>

NEW **June 28 – July 2:** Prague, Czech Republic. ICORS10. **w** <http://icors2010.karlin.mff.cuni.cz>

June 29 – July 1: Palmerston North, New Zealand. International Conference on Probability Distributions and Related Topics in conjunction with NZSA Conference. **w** http://nzsa_cdl_2010.massey.ac.nz/

July 2010

July 5–8: Madrid, Spain. 5th International Workshop in Applied Probability, IWAP 2010 **w** <http://www.fundacion.uc3m.es/IWAP2010/>

July 5–9: Slovenia. ISBIS-2010, International Symposium for Business & Industrial Statistics. Contact Milena Zeithamlova **e** Milena@action-m.com **w** www.action-m.com/isbis2010

NEW **July 6–8:** Leeds, UK. LASR 2010: High-Throughput Sequencing, Proteins and Statistics. **e** workshop@maths.leeds.ac.uk **w** <http://www.maths.leeds.ac.uk/lasr2010/>

July 11–16: Ljubljana, Slovenia. ICOTSo8: Data and context in statistics education: towards an evidence-based society. **w** <http://icots8.org/>

July 12–23: SAMSI, Research Triangle Park, NC. 2010 Summer Program on Semiparametric Bayesian Inference: Applications in Pharmacokinetics and Pharmacodynamics **w** <http://www.samsi.info/programs/2010bayes-summer-program.shtml>

 **July 18–31:** Ithaca, NY. 6th Cornell Probability Summer School. **w** tba

July 20–23: Leicester, UK. Accuracy 2010: International Spatial Accuracy Research Association (ISARA) Ninth International Symposium on Spatial Accuracy Assessment in Natural Resources and Environmental Sciences **w** <http://www.accuracy2010.org/>

July 26–30: Dresden, Germany. 6th International Conference on

Lévy Processes: Theory and Applications. **w** www.math.tu-dresden.de/levy2010

July 27–31: Tomar, Portugal. LinStat2010. Francisco Carvalho: **t** +351 249 328 100; **f** +351 249 328 186; **e** fpcarvalho@ipt.pt **w** www.linstat2010.ipt.pt

July 28–30: Seattle, Washington. From Probability to Statistics and Back: High-Dimensional Models and Processes Conference **w** <http://www.stat.washington.edu/events/jaw-conf-2010/index.html>

 **July 31–August 5:** Vancouver, British Columbia, Canada. JSM2010. **w** www.amstat.org/meetings/jsm/2010/

August 2010

August 8–13: Maresias, Brazil. 7th Conference on Multivariate Distributions with Applications **w** <http://www.ime.usp.br/~mda>

 **August 9–13:** Gothenburg, Sweden. IMS Annual Meeting 2010. **w** www.ims-göteborg.com

August 13–17: Indian Statistical Institute, Bangalore, India. Conference on Probability and Stochastic Processes [Satellite to ICM2010] **w** <http://www.isibang.ac.in/~statmath/icmprobsat/>

August 17–18: Hyderabad, India. ICWM 2010: International Conference of Women Mathematicians [Satellite to ICM2010] **w** <http://www.icm2010.org.in/icwm2010.php>

NEW **August 17–22:** University of Piraeus, Greece. European Meeting of Statisticians 2010. **w** <http://stat.unipi.gr/ems2010>

August 19–27: Hyderabad, India. International Congress of Mathematicians 2010. Program Committee Chair: Prof. Hendrik W. Lenstra, Leiden University **e** hwlicm@math.leidenuniv.nl

NEW **August 22–27:** Paris, France. COMPSTAT 2010: 19th International Conference on Computational Statistics. **w** <http://www.compstat2010.fr/>

International Calendar *continued*


August 2010 continued

August 30 – September 3: Prague, Czech Republic. **Prague Stochastics 2010**. **e** pragstoch@utia.cas.cz
w www.utia.cas.cz/pragstoch2010

September 2010

 September 6–10: Osaka, Japan. **34th Stochastic Processes and their Applications**. **w** <http://stokhos.shinshu-u.ac.jp/SPA2010/>


 September 8–16: Erice, Sicily, Italy. **Stochastic Methods in Game Theory**. **w** <http://space.luiss.it/stochastic-workshop/>

 September 29 – October 2: São Pedro do Sul, Portugal. **XVIII Annual Congress of the Portuguese Statistical Society** **w** <http://www.mat.uc.pt/~spe2010>

December 2010

 December 19–22: Guangzhou University, Guang-Zhou, China. **2010 ICSA International Conference**. **w** tba

January 2011

 January 5–7: Snowbird, UT. **MCMSki III: Markov Chain Monte Carlo in Theory and Practice** **w** <http://madison.byu.edu/mcmski/>

March 2011

 March 20–23: Hyatt Regency Miami, FL. **2011 ENAR/IMS Spring Meetings**. **w** <http://www.enar.org/meetings.cfm>


July 2011

 July 11–22: Ithaca, NY. **7th Cornell Probability Summer School**. **w** tba

 July 30 – August 4: Miami Beach, Florida. **IMS Annual Meeting at JSM2011**.

July 2012

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

 July/August [dates TBA]: İstanbul, Turkey. **IMS Annual Meeting 2012 in conjunction with 8th World Congress in Probability and Statistics**.

August 2013

 August 3–8: Montréal, Canada. **IMS Annual Meeting at JSM2013**.

August 2014

 August 2–7: Boston, MA. **JSM2014**.

Are we missing something? If you know of any statistics or probability meetings which aren't listed here, please let us know. Email the details to Elyse Gustafson at erg@imstat.org. We'll list them here in the *Bulletin*, and online too, at www.imstat.org/meetings

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

the
next
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**January/
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2010**

Meeting reports, news of members, information and announcements about conferences, and jobs around the world.

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