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IMS Bulletin

October 2007

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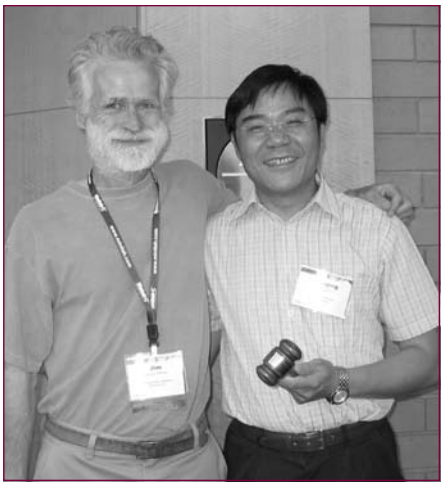
President's Message: Jianqing Fan

New IMS President Jianqing Fan writes:



Jianqing Fan [above right], IMS President 2007–08, receives the gavel from Past-president Jim Pitman at the IMS Business Meeting at JSM

The amount and complexity of data generated to support contemporary scientific research continues to grow exponentially. Information and technology have brought our profession great opportunities, but with significant challenges. Much contemporary scientific research is characterized by complex and high-dimensional stochastic modeling. The challenges of knowledge discoveries in the twenty-first century have brought the two subjects of statistics and probability closer than ever before. For example, in finance, complex probabilistic models have been introduced to help us understand the behavior of financial markets, value complex financial products, and control and manage risks, all of which involve heavily statistical data analysis, model validation, and empirical testing and modifications; in contemporary high-dimensional data analysis, statisticians rely heavily on the random matrix theory to understand the behavior of statistical procedures, which in turn stimulates more probabilistic problems.

Our discipline continues to evolve rapidly, and so does the demographic profile of our society. Nowadays, statistics and probability engage all kinds of activities that involve stochastic modeling. The intellectual values have also become multi-metric. Simulation of a complex system provides important intellectual understanding of, for instance, the large-scale behavior of a system or a complex statistical procedure; methodological development and statistical computing provide powerful tools in response to the challenges from other subject disciplines. Our own discipline has certainly become more diversified. How do we change our image of "mathematical statistics" to a broad scholastic society that engages all scholastic activities involving probability and statistics? How do we recruit new members to truly reflect the demographic changes of our discipline? How do we engage and better serve our existing members? These issues require input and insight from our members, and I welcome all suggestions.

To better serve our members as well as our community as a whole, the IMS has launched many new initiatives, particularly in the area of electronic publications. The IMS already supports four open access journals in probability, and last year we created two new electronic journals in statistics: *Electronic Journal of Statistics* and *Statistics Surveys*. Recognizing that the interests of IMS members now span an enormous

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IMS Members' News

US President George W Bush awarded Bradley Efron (pictured, left, with the President) a National Medal of Science in a White House awards ceremony on July 27. The National Medals of Science and Technology honor America's leading researchers, inventors and innovators.

New IMS Treasurer

Rong Chen has replaced Jiayang Sun as IMS Treasurer, starting September 1, 2007. Rong, who is a Professor of Statistics at Rutgers University and has just served two years as Program Director of the Statistics Program at National Science Foundation, said he was "happy to continue to serve the statistics community in this new role but amazed to step into another money managing position after working for NSF'.

Rong is an IMS Fellow and life member. His research areas include nonlinear/nonparametric time series analysis, Monte Carlo method and statistical computing, statistical applications in bioinformatics, wireless communications, finance and business.

New Editor for *Statistical Science*

The IMS Committee to Select Editors has chosen David Madigan to be the next editor for *Statistical Science*, with effect from January 1, 2008. David is Professor of Statistics at Columbia University. His previous appointments include the University of Washington and Rutgers University, as well as Soliloquy Inc, AT&T, KPMG, and SmartForce Inc. His current research interests include large-scale Bayesian statistics, text mining, Monte Carlo methods, and drug safety. He is a Fellow of the ASA and the IMS.

During 2007, Professor Michael Titterington, of the University of Glasgow in Scotland, was Prasanta Chandra Mahalanobis Memorial Lecturer at the Indian Statistical Institute and Buehler-Martin Lecturer at the University of Minnesota. Last year he was awarded the Royal Statistical Society's Guy Medal in Silver—for his paper, read to the Society in 1981, on discrimination methods, influential both on classification itself and far more widely, in demonstrating the paradigmatic nature of statistical classification—and for his important contributions to many areas of statistics, including the analysis of mixtures, incomplete data, latent structure analysis, neural networks, pattern recognition and machine learning, statistical smoothing, medical statistics and the design of experiments. Mike has been Professor of Statistics at Glasgow since 1982, having obtained his PhD from the University of Cambridge. His editorial duties have included IMS responsibilities on the editorial boards of the *Annals of Statistics* and *Statistical Science*; December 2007 sees the end of his tenure of the editorship of *Biometrika*.

President's Message *continued*

Continued from **cover**

range from pure mathematical theory to collaborations with scientists in numerous fields, the IMS has launched a new journal, *The Annals of Applied Statistics*, publishing papers in the applied half of this range.

In addition, the IMS supports the publication of *Bernoulli*, *Annales de l'Institut Henri Poincaré (B) Probability and Statistics*, and now, *Applied Probability and Operations Research* to be launched by the Applied Probability Society of INFORMS [see the call for *APOR* Editor-in-Chief nominations on page 20]. The success of these journals relies on and values the support of our members and our society at large.

To strengthen the image of IMS as a premier international scholastic society of probability and statistics, the IMS council at its Salt Lake City annual meeting approved the creation of the biannual IMS meeting series in Asia and the Pacific Rim. These meetings will triple the number of IMS solely-organized meetings, and better serve its members in that region. The inaugural meeting is expected to be held jointly with the Korean Statistical Society in 2009. In another bold move, the IMS council has also approved the launch of IMS-China, a subdivision that will help Chinese scholars advance the development of probability and statistics. The plan is to have an inaugural meeting in Hangzhou in 2008, after which the IMS-China will begin to operate.

In conclusion, let me reiterate that expanding our membership base, in both diversified research areas and the international arena, is paramount to the health of IMS as a leading international institution in promoting and facilitating the advancement of probability and statistics. A stronger financial sheet is important for the steady growth of our society. The success of IMS as an organization rests on the continuing commitment and support of its members. I welcome the opportunity to better serve the community and am looking forwarding to hearing your comments and suggestions. ∎

IMS Special Lecturers announced for 2008/9

The Special Lectures Committee, chaired by Irène Gijbels, has selected the following people to give Special IMS Lectures over the next two years.

Wald Lecturer 2008: Richard Durrett (Cornell University)

Neyman Lecturer 2008: Peter McCullagh (University of Chicago)

Medallion Lecturers 2009: Gordon Slade, (University of British Columbia, Canada)
Claudia Klüppelberg (Technical University Munich, Germany)
Gareth Roberts (University of Warwick, UK)
Tony Cai (University of Pennsylvania)
David Madigan (Columbia University)
Peter Bühlmann (ETH Zürich, Switzerland)
Gabor Lugosi (Universitat Pompeu Fabra. Spain)
Sam Kou (Harvard University)

The Wald and Neyman lectures will be given at the next IMS Annual Meeting in Singapore, together with Medallion lectures from Martin Barlow, Mark Low and Zhi-Ming Ma (Medallion lecturers are chosen two years in advance) and IMS-Bernoulli special lectures from Wendelin Werner and Oded Schramm. More on that meeting in the announcement on page 22 (as well as new information on travel support).

IMS Editors

IMS Journals and Publications

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

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

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

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

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

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

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

IMS Co-sponsored Journals and Publications

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

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

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

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

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

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

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

IMS Supported Journals

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

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

IMS Affiliated Journals

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

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IMS Annual Meeting at JSM: report

The 70th IMS annual meeting took place at the Joint Statistical Meetings in a baking hot Salt Lake City, Utah, from July 29 to August 2, 2007. The meeting was large, as JSMs tend to be, with 4,763 registered participants, and a wealth of interesting sessions.

The three IMS Wald lectures were delivered by Jim Berger, Duke University. The first of these, delivered to a packed auditorium, was "A Review of Some Surprises Encountered in Bayesian Model Selection"; this was followed by "Model Selection: Approximations and Multiplicities" and "Working with Inexact Models: The World of Computer Modeling". The Rietz lecture, "Statistical Problems of Gene Mapping", was delivered by David Siegmund of Stanford University. There were also five IMS Medallion Lectures: by Peter Donnelly (University of Oxford), Xuming He (University of Illinois at Urbana-Champaign), Jane-Ling Wang (University of California, Davis), Hans-Georg Müller (University of California, Davis), and Claudia Neuhauser (University of Minnesota).

Among other highlights in the program was the ASA President's Invited Address, by Grace Wahba: "Regularization Methods in Statistical Model-Building: Statisticians, Computer Scientists, Classification, and Machine Learning".

Outside the vast convention center, there were opportunities to take in some of the sights of Salt Lake City—a tour of the Latter-day Saints' Temple Square, for example, or a wander around the Olympic Park, site of the 2002 Winter Olympics. Ringed by mountains and with many green spaces, Salt Lake City has some attractive neighborhoods, and is certainly noticeably cleaner than many other cities around the world. The fierce daytime summer temperatures may have deterred some casual exploration, but this hot city was, perhaps surprisingly, cool—not least on the night of the Informal Dance Party (a sight to remember: 100 statisticians dancing to '*YMCA*').

At the IMS Presidential Address, Jim Pitman spoke on "Open Access to Professional Information": see his article on page 12. Jim also presented the new IMS Fellows, the Tweedie New Researcher Award, the Carver Awards for 2006 and 2007 (see page 19), and the recipients of the Laha Travel Award.

Continued on **page 5**

David O. Siegmund [above] delivered the IMS Rietz Lecture; Jim Berger [below] gave this year's Wald Lectures to a packed auditorium [bottom]

Photo courtesy of Eric Sampson/ASA

Photo courtesy of Eric Sampson/ASA

You can see some photos from the meeting at http://www.flickr.com/photos/imstat/ and read some impressions from Terry Speed on page 18 and some of the Laha Travel Award recipients on page 11

Next year's annual meeting will take place in Singapore. Jointly sponsored by IMS and the Bernoulli Society, the Seventh World Congress in Probability and Statistics will be held from July 14 to 19, 2008. See http://www.ims.nus.edu.sg/Programs/wc2008/ for details, and of course, we'll bring you more information in due course. ■

Photos clockwise from top left: The Temple of the Church of Jesus Christ of the Latter-day Saints on Temple Square is a popular tourist destination; Sam Kou gave this year's Tweedie New Researcher lecture; Jiayang Sun, whose term as IMS Treasurer has now ended (see page 2); the reception following the IMS Presidential Address (see page 12); Tom Kurtz, now the IMS Past-Past-President; a busy scene at the IMS booth; some of the dedicated IMS editors and associate editors at a special luncheon in their honor.

IMS Annual Meeting: Council report

The 2006–07 Council met on Sunday, July 29, 2007, and the 2007–08 Council on Wednesday, August 1. The main points of note are listed below. The Committees' and Editors' reports presented to Council are available at www.imstat.org/officials/reports.html

First, a brief summary of IMS activities over the past year, in case you missed any:

Two new journals, the *Annals of Applied Statistics* and the co-sponsored (with the Bernoulli Society) *Electronic Journal of Statistics*, both authorized by Council one year ago, have both published their first issues. A third new journal, *Statistics Surveys*, also co-sponsored, is close on their heels, with its first issue due early next year.

Two Bernoulli Society publications, *Bernoulli* journal and *Bernoulli News*, are now IMS-supported, and the first IMS-supported volume of *Annales de l'Institut Henri Poincaré (B)* will be out early in 2008.

The Applied Probability Society of INFORMS and IMS have agreed to create a new open access electronic journal in the area of applied probability and operations research. Details of this will be coming soon.

IMS has agreed with the American Statistical Society to divide financial and administrative responsibilities for the joint publications *CIS* and *JCGS*, with responsibility for *CIS* taken on by IMS, and *JCGS* by ASA (editorial control remains jointly held).

IMS is now supporting SLAPEM (Sociedad Latino Americana de Probabilidad y Estadística Matemática) with its biannual CLAPEM congress membership processing and societal development. The IMS Executive Committee is open to affiliations with other societies and journals: please get in touch to discuss your ideas.

IMS is seeking more IT-capable personnel: do contact Jim Pitman if you are interested in helping IMS develop in this important area.

Among behind-the-scenes IT work over the past year, IMS is now using a web-based project management and collaboration system, Basecamp, which provides us with an improved "institutional memory"; a much improved IMS website is under construction; and there is work underway on an IMS "biobibs" project, an IMS web index, and an HTML version of this *Bulletin*. We'll bring you news on these developments in due course.

Council approved the appointment of Rong Chen as IMS Treasurer, effective September 1. He replaces Jiayang Sun on the Executive Committee for a three-year term. Rong is Professor of Statistics at Rutgers University and a program officer at National Science Foundation. Look out for some words from Rong on page 2.

Another new appointment is David Madigan as editor of *Statistical Science*, effective January 1, 2008: see the announcement also on page 2.

Council approved the creation of a new IMS-sponsored meeting series in Asia and the Pacific Rim. The first meeting is tentatively planned for 2009, and biannually thereafter, to interweave with the IMS Annual Meetings that are held outside North America.

A new sub-division of IMS, called IMS-China, is to be formed. This will enable statisticians and probabilists in mainland China to overcome practical obstacles to joining and participating in IMS, and thereby will further foster the development and dissemination of our field, in accordance with our mission statement. As reported on page 3, IMS-China will be launched next year at a meeting in Hangzhou, China.

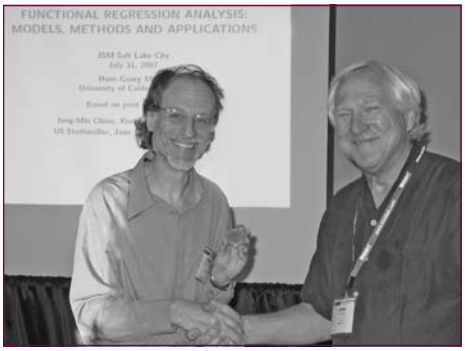
Many of these new initiatives will develop over the coming months: we'll bring you information on their progress. Stay tuned. ■

Pictured below are members of Council, the Executive Committee, and proxies who attended the IMS Council meeting

Quick Guide to the IMS Council

For those who are new to IMS, here's a brief outline of the institute's structure. The Executive Committee is made up of the President, Past-President, President-Elect, Secretary, Program Secretary, Information Technology Secretary, and Treasurer. And IMS Council is made up of (typically 15) elected members, in addition to the Executive Committee and the Editors. Council members serve three-year terms, overlapping so that the terms of roughly one-third terminate each year. Article V in the IMS Handbook has more details: www.imstat.org/handbook/

The Council 'meets' electronically during the year, but only twice a year in person, at the annual meetings. The first of these two council meetings (known as Council I) is actually the final meeting of the previous year's council, while the second meeting (Council II) is the first of the forthcoming year's council.



Left: IMS Medallion Lecturers, with their session chairs. From top to bottom, they are: Peter Donnelly (right), with Brani Vidakovic Claudia Neuhauser (right), with Shane Jensen Hans-Georg Müller (left), with John Rice Xuming He (left) with Bernard Silverman Jane-Ling Wang (left) with Xihong Lin

The Salt Palace Convention Center at night.

IMS colleagues (standing, l–r: Elyse Gustafson, Tati Howell, Geri Mattson, Ed George; seated, l–r: Gaynor Harper, Patrick Kelly)

Scenes around Salt Lake City: the beautiful gardens in Temple Square; a Beehive sculpture

JSM: COPSS Award Ceremony

Madhuri Mulekar, University of South Alabama, is Secretary/Treasurer of the Committee of Presidents of Statistical Societies (COPSS). She reports on the annual awards to honor statisticians for outstanding contributions and service to statistics. This is a joint endeavor of IMS and the other COPSS member societies, namely, the American Statistical Association, the Eastern and Western North American Regions of the International Biometric Society, and the Statistical Society of Canada. Four COPSS awards were presented at JSM in Salt Lake City, Utah on August 1.

Presidents' Award

The 2007 Presidents' Award was presented to Jeffrey S. Rosenthal, University of Toronto, Canada. This award is presented annually to a young (generally under 41 years old) member of one of the participating societies of COPSS, in recognition of outstanding contributions to the statistics profession. The award citation recognized Dr Rosenthal for *"fundamental contributions to probability theory, stochastic processes and MCMC algorithms with applications to statistics; for seminal contributions to the theoretical underpinnings of the convergence rates of MCMC algorithms; for his prolific record of collaboration, resulting in significant publications in economics, mathematical finance, AI & survival analysis, and for outstanding mentoring & extraordinary skill at communicating some of the deeper ideas of our discipline through the media (print, radio, & TV) and through the publication of a general audience book on probability in real life which, less than two years after publication is in its 6th printing."*

Jeffrey Rosenthal

All photos courtesy of Eric Sampson/ASA

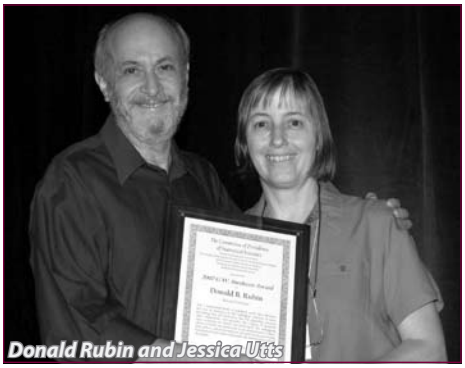
In his acceptance speech Dr Rosenthal described how difficult it was for him to keep his selection to receive this award secret from his friends. Professor Rosenthal received his PhD from Harvard University in 1992. He has published over 80 articles covering theory and applications of statistics in many disciplines including a bestseller on probability in real life, *Struck by Lightning: The Curious World of Probabilities*. He is a recipient of the 1998 A&S Outstanding Teaching Award at the University of Toronto, 2000 Premier's Research Excellence Award, and a 2005 IMS Fellow.

The Presidents' Award, established in 1976, recognizes contributions of a young statistician to the development and/or application of statistics, comprising either a single contribution of extraordinary merit or an outstanding aggregate of contributions to statistics.

2007 Presidents' Award committee: Michael O'Fallon, Chair (ASA), Nancy Heckman (SSC), Jack Kalbfleisch (ENAR), Charmaine Dean (WNAR), Mark van der Laan (IMS) and Steve Vardeman (COPSS).

George W. Snedecor Award

The 2007 George W. Snedecor Award was presented to Professor Donald Rubin, Harvard University. This award honors an individual who was instrumental in the development of statistical theory in biometry with a noteworthy publication in biometry within three years of the date of the award. The award citation recognized Professor Rubin *"For a substantial body of scholarly work that advances the use of statistics in the biological sciences in areas including, but not limited to, the EM algorithm, missing data, imputation, and causality; for a legacy of students who continue to enrich our profession; for unflagging efforts to build our profession as an administrator, editor, and author; and for keeping us focused on the governing, foundational principles that guide the development of our discipline."* The award recognized the publication: The design versus the analysis of observational studies for causal effects: parallels with the design of randomized trials, *Statistics in Medicine*, **26**, 20–36.



Donald Rubin and Jessica Utts

The Snedecor Award was established in 1976 and is awarded biannually during odd-numbered years. Professor George W. Snedecor (1881–1974) was a pioneer in improving the quality of scientific methods with the use of statistical methodology. He become the first Director of the Statistical Laboratory at Iowa State University in 1933. His book *Statistical Methods* went to seven editions and was translated into nine languages. The 2007 Snedecor Award committee: Daowen Zhang, Chair (ENAR), Pierre Dutilleul (SSC), Gilbert Fellingham (WNAR), Patrick Heagerty (COPSS), Paul Holland (IMS), and Marianthi Markatou (ASA).

Florence Nightingale David Award

The 2007 Florence Nightingale David Award was presented to Professor Nancy Flournoy, University of Missouri-Columbia. This award recognizes a female statistician who exemplifies the contri-

butions of F.N. David. The award citation recognized Professor Flournoy for *"her fundamental research contributions in adaptive designs, sequential analysis, clinical trials, and particularly in bone marrow transplantation trials; for her devoted teaching; for her passionate mentoring to young statisticians, new investigators, women and minorities, and researchers in small universities; for her leadership in the profession including her role as the chair of a major statistics department."*

Nancy Flournoy

Professor Flournoy received her PhD from University of Washington in 1982. Currently she is the professor and chair of the Department of Statistics at University of Missouri-Columbia. Her research interests include adaptive sequential design, chemometrics, clinical trials, and statistical immunology. She is the winner of the 2000 COPSS Elizabeth Scott Award and the 2006 NISS Distinguished Service Award. She is a fellow of ASA, IMS, and AAAS, and an elected member of ISI.

The F.N. David award was established in 2001, and is sponsored jointly by COPSS and the Caucus for Women in Statistics. F.N. David was an accomplished statistician in combinatorial probability theory, author or editor of numerous books including the classic on the history of probability theory, *Games, Gods, and Gambling,* first Chair of the Department of Statistics at University of California – Riverside, and the first recipient of the Elizabeth L. Scott Award. The criteria for the award are: established role model for women, excellence in statistical research and statistics education, leadership of multidisciplinary collaborative groups, and service to the profession. The 2007 F. N. David Award Committee: Subir Ghosh, Chair (WNAR), Donna Brogan (COPSS), Joan Chmiel (ASA), Juliet Shaffer (IMS), Sharon-L. Normand (SSC), Naisyin Wang (ENAR).

R. A. Fisher Lectureship

The 2007 R. A. Fisher Lectureship was awarded to Professor Marvin Zelen, Harvard School of Public Health. The Fisher Lectureship honors annually the contributions of Sir Ronald Aylmer Fisher and the work of a present-day statistician, and recognizes the importance of statistical methods for scientific investigations. Professor Zelen gave a presentation titled "The Early Detection of Disease - Statistical Challenges". He discussed statistical challenges involved in planning early detection randomized clinical trials, differences in early detection and therapeutic clinical trials, lead time bias, and issues involved in the interpretation of data with applications to breast and prostate cancer studies. The award citation recognized professor Zelen for *"his fundamental contributions to the development of biostatistical science, which have had a huge and lasting impact on the design, implementation and analysis of clinical trials; and for his vision and leadership that have established biostatistics as a central discipline in modern biomedicine and public health in the US and around the world."*

Professor Zelen is a Fellow of IMS, ASA and AAAS, and an elected member of the International Statistical Institute and American Academy of Arts and Sciences. He is a recipient of the Morse Award for Cancer Research from Dana-Farber Cancer Institute and Samuel S. Wilkes Award from ASA. A quote from the nomination letter described him as "an outstanding statistical scientist, scholar, educator, mentor and visionary… the 'Father of Biostatistics', for it is he who shaped the profession, … developed and formed a powerhouse Biostatistics Department at Harvard, which has been a model for biostatistics research, training, and collaboration since [his] arrival in 1977."

The R.A. Fisher Lectureship was established in 1963 and is awarded annually. The lecture is generally broadly based on statistics and probability areas of collection and interpretation of data in which Fisher made outstanding contributions. The award recognizes meritorious achievement and scholarship in statistical science, and highly significant impact of statistical methods on scientific investigations. The 2007 Fisher Lecture selection committee: Elizabeth Thompson, Chair (COPSS), Lori Thombs (ASA), Michael Newton (IMS), Louis-Paul Rivest (SSC), Jeremy Taylor (ENAR), and Loveday Conquest (WNAR)

Jessica Utts with Marvin Zelen

Call for 2008 Nominations

The COPSS leadership consists of Jessica Utts (Chair), Madhuri Mulekar (Executive Secretary/Treasurer), and the Past-Presidents, Presidents, and Presidents-Elect of the five member societies: ASA, ENAR, IMS, WNAR, and SSC. You are invited to honor your accomplished colleagues by nominating them for these prestigious awards: see the call overleaf.

2008 COPSS Awards: nominations open

The Committee of Presidents of Statistical Societies (COPSS) Awards are jointly sponsored by IMS, ASA, SSC, ENAR and WNAR. They are: the R.A. Fisher Lectureship; the Florence Nightingale David Award; the Elizabeth L. Scott Award; the George W. Snedecor Award; and the Presidents' Award. Each award consists of a plaque, a citation, and a cash honorarium. Additional information for all the awards and a list of past COPSS awards recipients can be found at the COPSS web site: http://www.niss.org/copss. A list of COPSS members and current committee members is also available at the COPSS website.

2008 Nominations Call

All COPSS awards are open to all regardless of age, race, sexual orientation, nationality or citizenship except the F.N. David Award which is restricted to only female statisticians and the Presidents' Award which is awarded to a younger (age < 41 years) statistician. Nominees must be living at the time of their nominations and a prior nomination does not exclude a nominee from consideration in subsequent years. Nominations may be made by members of any of the COPSS affiliated organizations. Members of COPSS are not eligible for COPSS awards during their terms of service.

The call for nominations for COPSS 2008 awards was announced by the COPSS Chair Jessica Utts at the 2007 COPSS Award ceremony at the Joint Statistical Meetings (see previous page).

Presidents' Award

The Presidents' Award is presented annually to a young member of one of the participating societies of COPSS. The award is presented in recognition of outstanding contributions to the statistics profession. It is typically granted to an individual who has not yet reached his or her 41st birthday during the calendar year of the award. In the special case of an individual who has received his or her statistically related terminal degree less than 12 years prior to the nomination deadline, a nominee will be eligible who has not yet reached his or her 46th birthday during the calendar year of the award. The award was established in 1976. Members of the Award Committee are not eligible to receive the award during their term of service. Eligible nominations should include a current vitae, nominee's date of birth, a nomination letter (up to 3 pages), and up to 5 supporting letters. Nominations should be sent by January 15, 2008 to:

Jack Kalbfleisch
Dept of Biostatistics
University of Michigan
1420 Washington Heights
Ann Arbor, MI 48109-2029

Elizabeth L. Scott Award

The Elizabeth L. Scott Award is presented biennially (even years) to recognize a statistician who has fostered opportunities in statistics for women. It honors the lifelong efforts of its namesake, a statistician and astronomer, who made exceptional theoretical and applied statistics contributions to research, was president of the Institute of Mathematical Statistics (IMS) and the Bernoulli Society, received numerous honors and awards, and enjoyed a long, distinguished, career as a professor at the University of California at Berkeley. The award recognizes excellence in: developing programs to encourage women to seek careers in statistics; successfully mentoring women students or new researchers; working to identify gender-based inequities in employment; and serving as a role model to women. It was established in 1992. Members of the Award Committee are not eligible to receive the award during their term of service. Eligible nominations should include a nomination letter, letters of support, curriculum vitae, and other appropriate documentation as requested by the Award Committee. Nominations should be sent by January 15, 2008 to:

Joan F. Hilton
Chair, Scott Award Committee
UCSF Department of
Epidemiology & Biostatistics
185 Berry Street, Suite 5700,
San Francisco, CA 94107-1762

Fisher Lectureship and Award

The Fisher Lectureship and Award, awarded annually, was established in 1963 by COPSS to honor the outstanding contributions of the late Sir Ronald Aylmer Fisher, and those of a current statistician, on aspects of statistics and probability that closely relate to the scientific collection and interpretation of data. The award exists to recognize the importance of statistical methods for scientific investigations. The Fisher Lecture is delivered at the JSM in the year of the award and is generally about an hour long. Members of the Award Committee are not eligible to receive the award during their term of service. Eligible nominations should be sent by December 15, 2007 to:

Lori Thombs
Chair, Fisher Lecturer Committee
Dept. of Statistics, Middlebush Hall
Univ. of Missouri
Columbia, MO 65211

2007 IMS New Researchers Conference

Mayetri Gupta reports: The Tenth Conference of New Researchers in Statistics and Probability, sponsored by the IMS, was held on the picturesque campus of the University of Utah in Salt Lake City, from July 24–28, 2007. This yearly conference provides a unique opportunity for new researchers to exchange research ideas and initiate contacts amongst themselves in an informal setting, as well as providing them with an opportunity to interact with the invited senior participants. As part of the conference, all participants present a talk or poster on their research. The meeting was structured to provide ample time and opportunities for them to discuss their research interests and life as new researchers over meals and a number of social activities. A list of participants, invited speakers, presentation slides, and photographs can be found at http://www.bios.unc.edu/~gupta/NRC.

This year we had 43 participants, fewer than last year; a majority from the United States, but also participants from Canada, Singapore and Spain. The sessions were diverse, including stochastic and space-time processes, semiparametric and nonparametric inference, data mining, classification and clustering techniques, methods for high-dimensional data, Bayesian methodology, statistical computing, and recent advances in survival analysis.

In addition to the participant presentations, there were a variety of invited sessions at the meeting. On Wednesday, we had Samuel Kou, John L. Loeb Associate Professor of Statistics at Harvard University, and this year's Tweedie Award winner, give the Tweedie New Researcher Invited Lecture on "Stochastic modeling and inference in nano-scale biophysics". [*See box for more on the Tweedie Award*]. On Thursday, the journal panel—Susan Murphy (*The Annals of Statistics*), David Banks (*Journal of the American Statistical Association*), David van Dyk (*Journal of Computational and Graphical Statistics*), and Geert Molenberghs (*Biometrics*)—offered insights into the journal submission and review process, and discussed effective communication with the audience and editors.

The Conference Dinner followed that evening, with a talk by Michael Newton, Professor of Statistics, Biostatistics, and Medical Informatics at the University of Wisconsin–Madison, titled "Buried treasures: examples of old statistics in new contexts". His presentation brought out a number of interesting examples in his research career where the solution to a contemporary statistical problem (applied, methodological, and theoretical) was found by realizing a new interpretation of an uncelebrated but beautiful statistical result from the past. At noon on Friday, the luncheon speaker was David Banks, Professor of Statistics at Duke University, whose talk "Snakes & Ladders: Building a Career in Statistics" described career strategies aimed at improving the chances of achieving new researchers' professional goals. Friday afternoon started off with a grants panel session, including Grace Yang and Gabor Szekely from the National Science Foundation, Wendy Martinez and Jeffrey Solka from the Office of Naval Research, and Ram Tiwari from the National Cancer Institute (National Institutes for Health). Each panelist gave a short presentation discussing funding opportunities at their institution and tips for writing successful proposals, followed by questions from the audience. The grants panel was followed by the poster session, where seven participants presented their research on topics varying from graphical models, functional data analysis to dose-response studies and control charts. The conference ended on Saturday with a talk by Deborah Nolan, Professor of Statistics at the University of California at Berkeley, entitled "The Why and How of Teaching Statistics". Her talk, which included an interactive session with the audience, focused on bringing new and non-traditional ideas and methods into ways of teaching statistics to undergraduate students to get basic statistics concepts across, and provided many practical tips on teaching, classroom and course management.

We would like to thank IMS, the National Science Foundation, National Institutes of Health/National Cancer Institute, Office of Naval Research, and National Security Agency, for their continued generous funding and support of this conference. Special thanks also go to the Departments of Family and Preventive Medicine at the University of Utah and of Biostatistics at the University of North Carolina at Chapel Hill for administrative support.

Next year's meeting is tentatively planned to be held at the National Center for Atmospheric Research (NCAR) at Boulder, Colorado, prior to the JSM in Denver. The local organizing chair will be Ryan Elmore from Colorado State University, Fort Collins. Watch out for further details in issues of the *IMS Bulletin* later this year! ■

Tweedie New Researcher Award

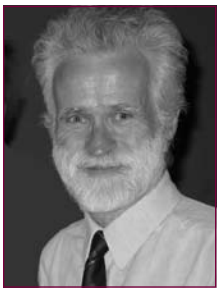
Richard Lewis Tweedie played a significant role throughout his professional career in mentoring young colleagues at work and through professional society activities. With funds donated by his friends and family, IMS has created the "Tweedie New Researcher Award", to fund travel (up to US$2000) to present the "Tweedie New Researcher Invited Lecture" at the IMS New Researchers Conference. Nomination deadline December 1, 2007.

Details

See www.imstat.org/awards/tweedie.html for details of the nomination process and eligibility criteria.

Open Access to Professional Information

This IMS Presidential Address was given by Jim Pitman at JSM in Salt Lake City.



In the Science–Technology–Medicine publishing world there has been rapid growth over the last 20 years, with a market growth rate of about 8 per cent per year in the 1990s, and astonishingly high profit margins: over 30 per cent. Worldwide, the Science–Technology market is worth around US $4 billion per year. There is a strong trend towards consolidation, with aggressive entry into the market of private equity houses. For example, in 2003, Candover and Cinven acquired Kluwer Academic for 600 million Euros, and BertelsmannSpringer for 1.1 billion Euros. The resulting consolidation, now called "Springer", headed by Derk Haank (former Elsevier CEO), publishes over 1,000 journals and 5,000 book titles, and the revenue approaches a billion Euros per year. Earlier this year, Wiley acquired Blackwell for $1.08 billion.

So a few large publishers (Springer, Wiley-Blackwell, Elsevier, Taylor & Francis) now take more than half the total market revenues. The rest is divided between a large number of smaller publishers: societies, university presses, and so on.

The transition from paper to electronic format has been a windfall for established publishers. Authors now submit in close to production format, there are decreased production and distribution costs, more sales to libraries rather than individuals—and yet no price reduction.

There has also been a shift in responsibilities, as publishers take over archiving responsibility from libraries: subscribers don't get copies but pay for licenses to view; publishers control access and linking systems, which tend to trap the user in the publisher's website.

There is a trend towards databases, with the journal becoming less important as a unit than when it was a physical volume. These databases include publisher silos like ScienceDirect and SpringerLink; full-text database aggregators (EBSCO, ProQuest, etc.); portals for abstracting and indexing (ISI Web of Science, MathSciNet, ACM Guide, CIS); and content hosts (Ingenta/Vista, Project Euclid).

Scholarly Communication Crisis

The term "crisis" became popular with librarians a few years ago. Better terms would be "struggle" or "war": we can expect this to continue for decades. But what does this struggle involve?

- Loss of access to the scholarly research literature, as the rising costs of journal subscriptions exceed institutional library budgets.
- Loss of library funds for books due to explosive increase in the journal and database sectors.
- "Big Deals" (SpringerLink, ScienceDirect, etc.), which are good for big publishers and big library administrators, and a force behind mergers in the publication industry, but bad for small publishers, small libraries and the academic community, because they reduce academic control over journal selection, amplify inequalities between institutions/countries, and shut out the broader community.

Most librarians think the current system is dysfunctional and unsustainable.

To quote Carol Kaesuk Yoon ('Soaring Prices Spur a Revolt in Scientific Publishing', *New York Times,* December 8, 1998): "In fact, researchers say, academia is a paradise for publishers. First the public pays for most scientific research through, for example, the National Science Foundation. Then universities pay the salaries of scientists who do virtually all the writing, reviewing and editing. Universities sometimes even provide free office space to journals. Finally, authors typically sign over their copyright to publishers, who can sometimes bring in many millions of dollars a year in subscriptions for a single high-priced journal—subscriptions paid by university libraries supported by tax dollars and tuition."

Encouraging signs

There are some encouraging signs, however. There are free and open source software and licenses (e.g. the GNU Project, LaTeX, R Project for Statistical Computing, Creative Commons, and many others); StatLib open data and software; free electronic journals (including, since 1996, the journals *EJP* and *ECP* now supported by IMS/Bernoulli); PubMed; Public Library of Science; open content collaboration such as Wikipedia; and the Google Scholar index.

Of particular interest to IMS members is arXiv.org: created in 1991 by Paul Ginsparg, and now at Cornell, arXiv is a successful eprint service in physics, mathematics, non-linear science, computer science, quantitative biology, and now, statistics (arXiv/stat opened April 2007, supported by IMS and Bernoulli Society). ArXiv demonstrates the separation in electronic media of two functions of "publication" (making public): first, communication and archiving, and second, peer review and certification. The 'Physics culture' is now permeating to other fields, with authors depositing on arXiv at time of journal submission and with no discernible loss of journal subscriptions on account of arXiv. Almost all publishers now tolerate arXiving; authors can insist on it. Currently,

arXiv offers alerts, search, and indexing; long-term, IMS plans to promote arXiv/stat as a community-supported repository with associated services (integration with CIS, author name authority, departmental listings, etc.)

Business models

There are now two competing business models: the traditional Gated Access model, supported by library subscriptions; and the Open Access model, supported by some combination of author fees, sponsorship and advertising. IMS has adopted a mixed model: by assisting authors to post their work on arXiv while still retaining journal subscriptions, by allowing all journal content to become open after a suitable delay, and by supporting a mixed portfolio of gated and open journals.

Open Access

The international Open Access (OA) movement now supports the availability of electronic content free of charges and restrictions. Supporting organizations include arXiv, PubMed, PLoS (Public Library of Science), and Creative Commons, which promotes the use of licenses suitable for OA publishing. Such licenses are compatible with copyright, peer review, revenue, print, preservation, prestige, career advancement, and indexing.

Open access increases the impact of scholarly work by making it accessible to the widest possible audience; it facilitates knowledge transfer between different educational levels, or countries, or subjects; it takes full advantage of the internet for search, access, navigation and organization; and it allows small and medium-sized publishers to compete with multinational corporations.

There is significant institutional support for OA from major libraries, NIH, the British Government, Wellcome Trust, Max Planck Society and others; but also significant institutional opposition from, for example, the Association of American Publishers and the UK Royal Society.

Open Access attitudes

Attitudes towards OA vary widely. Harold Varmus (PLoS) believes OA is so important that scholarly societies should not support their activities by gated access. In contrast, John Ewing (AMS) holds that OA is a fad which distracts us from the real issues: Big Deals by avaricious publishers, hoarding of the historical archive, faulty application of usage statistics, and version control for electronic publications. While I agree these are important issues, I regard OA as an ideal, like freedom, which I hope can rally the academic community to protect its knowledge base from commercial control.

I regard Open Access as an ideal, like freedom, which I hope can rally the academic community to protect its knowledge base from commercial control

In more practical terms, OA achieves society missions with minimal overheads, is attractive to most authors, and encourages cooperation between societies. A typical scholarly society must balance two imperatives: to achieve its mission of broad dissemination of professional knowledge, and to stay financially viable. Following the success of commercial publishers, many societies have overbalanced towards restriction/commercialization of their knowledge base.

Raym Crow, writing for the Scholarly Publishing and Academic Resources Coalition, has recognized structural constraints which limit societies' performance and explain why commercial publishers largely own the market: a low tolerance of risk, lack of business expertise, insufficient market leverage, and under-capitalization. Commercial publishers have exploited these constraints by the creation of new journals and the acquisition of society titles (*JRSS*, *Scand. J. Stat*, etc.).

Coalitions of scholarly societies and publishing cooperatives offer ways to work around these constraints. Examples are Project Euclid, JSTOR, and some recent IMS collaborations.

Many authors prefer their articles to be made available with open access. But some choose otherwise for various reasons, such as the prestige of restricted outlets, or a desire to get full credit for work while partially withholding it to maintain some advantage in research competition. This attitude was encapsulated for me in a fragment of conversation I heard last year passing by a Berkeley coffee shop. One academic, confidingly, to another: "You know, I really don't like sharing my best ideas with the broader community". I rather prefer Thomas Jefferson's attitude to ideas: "He who receives ideas from me, receives instruction himself without lessening mine; as he who lights his taper at mine, receives light without darkening me."

Many of you may know the story about Richard Stallman and the printer program, which led to the GNU Project and copyleft software licenses. (The story can be found in Wikipedia, thanks to the GNU Free Documentation License.) A similar incident led to my own commitment to create open access electronic outlets for expository material in probability and statistics.

To describe the incident I should first

Continued on Page 14

Open Access *continued*

provide a little background. By age 20, I had learned the asymptotic distribution of the Kolmogorov-Smirnov statistic from reading my father's monograph on statistical inference. Since then I have worked on analytic and combinatorial models whose asymptotics are described by functional limit theorems featuring a Brownian bridge in the limit, and on the distribution of various functionals of the Brownian bridge. A few years ago I was invited by editors of Wiley's *Encyclopedia of Statistical Sciences* to revise and expand the entry on Brownian bridge. As the intention was to create an online version of the encyclopedia, I inquired what, if any, rights I might retain to publicly post an electronic version of the article. The answer was none, not even the right to post the article on arXiv or on my own homepage.

I was sufficiently shocked by this that I emailed about 70 senior probabilists and statisticians, asking whether they supported this kind of commercial control of professional information, and if not whether they would support the creation of an open access outlet for expository articles in probability and statistics. I got about 50 replies by return email indicating strong support for an open access alternative. IMS and the Bernoulli Society then quickly supported creation of the pair of open access journals *Probability Surveys* and *Statistics Surveys*.

Much work remains to be done to create an open access equivalent of Wiley's Encyclopedia. But suitable open linking infrastructure for online encyclopedias can already be seen in place in Wikipedia, MathWorld and PlanetMath, and it seems only a matter of time before such functionality is available with all entries validated by scholarly societies.

IMS's role in promoting OA

In addition to the five IMS copyedited subscription journals (*Annals of Statistics, Annals of Probability, Annals of Applied Statistics, Annals of Applied Probability*, and *Statistical Science*), we have five Open Access journals, jointly with the Bernoulli Society: *Electronic Journal of Probability, Electronic Communications in Probability, Probability Surveys, Electronic Journal of Statistics*, and *Statistics Surveys*. We also have four more affiliated and co-sponsored publications: *CIS*, *JCGS*, *Bernoulli*, and *ALEA*, and of course, this *Bulletin* is available OA electronically.

IMS plans to collaborate to develop further OA journals, and to provide OA to biographies, bibliographies, reviews, images, celebrations and memorials, collected works, glossary and encyclopedia entries, interactive graphics, and teaching materials

Recent IMS Initiatives

IMS has created cooperative publishing agreements with various partners — the Bernoulli Society, StatLib, l'Institut Henri Poincaré, APS-INFORMS. IMS seeks further such cooperation through a new framework for Affiliated and Supported Journals and Societies. For details, see the IMS website, or contact the IMS Exec.

IMS–Bernoulli cooperation: This includes our joint membership agreement; next year's 7th World Congress in Probability and Statistics (Singapore, July 14–19, 2008); the production and marketing by IMS of the journal *Bernoulli* (editorial control remains with the Bernoulli Society); the co-publication of the five OA journals listed above, including the newly-launched *Electronic Journal of Statistics* and *Statistics Surveys*.

IMS–StatLib cooperation: By agreement with the Carnegie Mellon Statistics Department, IMS will use StatLib as a repository of OA supplementary materials associated with IMS journals, such as data, graphics, software, documentation, or additional proofs or appendices. This will be subject to technical data standards and review by editors and referees. The electronic medium allows authors the option to present much more than is possible in the traditional journal article format. The first supplementary material is associated with the launch of a new IMS Journal, *The Annals of Applied Statistics* (*AOAS*).

IMS–Institut Henri Poincaré cooperation: The journal *Annales de l'Institut Henri Poincaré (B) Probabilités et Statistiques* is currently produced by contract with Elsevier, but is switching to IMS production starting in 2008. This is a fine example of cooperation between professional organizations to reduce the influence of commercial publishers.

IMS–APS–INFORMS cooperation: APS–INFORMS is the Applied Probability Society of INFORMS, the Institute for Operations Research and the Management Sciences. IMS–APS–INFORMS have a joint membership agreement, and a new agreement to develop an OA electronic journal in the area of applied probability and operations research, whose focus will be on serving the interests of APS members and the broader applied probability community. This is an exciting development: a small society seeking recognition and community support through OA publishing, with assistance from IMS.

IMS's Future Plans

In future, we plan to collaborate to develop

further OA journals, and to provide OA to more publication types, such as biographies, bibliographies, reviews, images, celebrations and memorials, collected works, glossary and encyclopedia entries, interactive graphics, and teaching materials.

We also plan to organize and index such content to create and maintain a high quality OA web of professional information in statistical science. We hope to engage society members as contributors and curators, and distribute the maintenance problem over numerous societies with a common web infrastructure.

To achieve this, we need technical and administrative resources, for which we have launched the **IMS Open Access Fund**. This is a new IMS fund to which individuals and organizations can donate, dedicated to the support of existing and new OA ventures which further the IMS mission. We also need human resources: volunteers to help guide development, especially those with expertise in software development, and volunteers for editorial service.

Conclusion

The academic community is engaged in a struggle to create and protect an open environment for scholarly communication.

As researchers and administrators — by your choice of publication outlets, by your choice of data formats and software systems (open or proprietary), by how you support the editorial system of peer review, by how you direct your professional societies — your actions affect the system of access to professional information in our field.

So I encourage you to consider the effect of these actions as you make them, and I invite you to join IMS in building a coalition of professional organizations committed to open access to professional information in statistical science. ■

How can *you* promote OA?

Readers:

Join professional societies like IMS which work to provide you and others with open access to high quality scholarly information, and provide further services as membership benefits.

Encourage your librarians to subscribe to journals published by societies supporting OA.

Encourage your departments and universities to support OA publication.

Acknowledge the value of high quality OA publications in promotion cases

Authors:

Preferably submit your articles to society-run journals with copyright agreements which allow self-archiving of final versions on arXiv; open access to publisher version, at least after some delay; and re-use of content in derivative works

Wherever you submit…

post a copy on arXiv at the time of submission,

don't sign restrictive copyright agreements: amend them to retain the right to post the final version of your work on arXiv or other open access repository,

maintain your publication list on your own website (preferably machine readable e.g. bibtex),

provide links to full-text whenever possible,

digitize and post your old work on the web, and look for more stable repositories than your own website

Editors and Referees:

Refuse to work for journals with overly restrictive copyright policies.

Work for society-run journals which promote OA publication

Work to raise the standard of OA journals to be more attractive to authors than commercial journals.

Create alternatives (like the Editorial Board of Elsevier's *Topology,* which resigned en masse in December 2006; the first issue of the London Math Society's *Journal of Topology* is scheduled for January 2008.

Librarians:

Purchase society-run journal titles and resist Big Deals

Index OA sources, support OA digital repositories

Department Chairs and Deans:

Recognize the value of high quality OA publications in personnel review cases

Increase the visibility of your departments and schools by encouraging OA posting of eprints, and encouraging faculty to list their publications online with links to full text

Higher University Administrators:

Support creation and maintenance of OA repositories

Encourage posting of all research in OA repositories

Install systems for indexing and displaying of your school's research output, such as the Duke Faculty Database System

Society Administrators

Encourage your members to use OA repositories

Develop open indexes and aggregations to showcase your members' work

Find ways to maintain fiscal viability without undue access restrictions to journal content, as IMS has done.

Seek efficiencies of scale by cooperating with other societies on OA publication ventures

Do get in touch if you would like to help!

Obituary: Radu Theodorescu

1933–2007

Professor Radu Theodorescu passed away in Québec (Canada) on August 14, 2007, at the age of 74. A Professor Emeritus of Mathematics and Statistics at Université Laval, Radu was a long-standing member of the Institute of Mathematical Statistics and a Fellow since 1986.

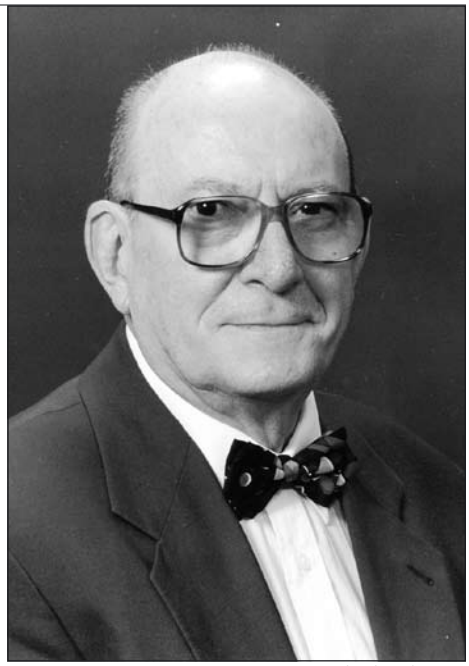
Radu was born in Bucharest, Romania, on April 12, 1933. The son of the famous physician Dan Theodorescu and his wife Ortensia Butoianu, Radu studied mathematics at the University of Bucharest (BSc, 1954; PhD, 1958; DSc, 1967). There he met Anca Florescu, whom he married. Their son Dan Jr, born in 1962, is a surgeon and a Professor of Urology at the University of Virginia. Radu divorced in 1982 and a few years later, he met Marie-José Michiels with whom he started a new life. They had two children: Paul, born in 1985, who is currently a medical student at the Université de Sherbrooke, and Anne, born in 1987, who is studying veterinary medicine at the Université de Montréal.

After being associated for ten years with the Mathematical Institute of the Romanian Academy of Sciences, Radu became the first Director of the Industrial Statistics Section of the brand-new Mathematical Statistics Centre of the Academy in 1964. In 1968, he joined Université Laval, where he pursued a career in teaching and research until his retirement in 1999.

The author or co-author of more than 160 scientific papers, Radu also wrote 13 monographs or textbooks, including *Random Processes and Learning* (1969, with Iosifescu), *Concentration Functions* (1973, with Hengartner) and *Unimodality of Probability Measures* (1997, with Bertin and Cuculescu). In addition to supervising or co-supervising many MSc and PhD students in Québec and elsewhere, he served the community in various capacities, notably as Vice-President of the Statistical Science Association of Canada (1972–1973) and Associate Editor for the following journals: *Optimization* (1970–2000), *Les Annales des Sciences Mathématiques du Québec* (1976–1999), *Statistics and Decisions* (1981–2003), *Revstat* (2002–2007).

Co-opted as a member of the International Statistical Institute in 1969, Radu became a fellow of the IMS in 1986 and a fellow of the American Society for Quality in 1989. He was an Honorary Member of the Statistical Society of Canada and of the Statistical Society of Romania since 2000.

For further details about Radu and his phenomenal career as a researcher in probability and statistics, the following are available online:



Radu Theodorescu

A new Honorary Member for the SSC (2000): *Liaison*, vol. 14, no 3, pp. 11–12: http://www.theodorescu.ca/Liaison1.pdf

Presentation of a new Professor Emeritus at Laval (2001): http://www.theodorescu.ca/Tavenas.pdf

A conversation with Radu Theodorescu (2004): *Liaison*, vol. 18, no 4, pp. 38–48: http://www.theodorescu.ca/Liaison2.pdf

Radu's academic curriculum vitae: http://www.theodorescu.ca/CV.pdf

Radu's list of publications: http://www.theodorescu.ca/Publications.pdf

He will be sorely missed.

Christian Genest, PhD
Université Laval

Abel Prize Nominations

http://www.abelprisen.no/en/

The Abel Prize is an international prize for outstanding scientific work in the field of mathematics, including statistics, probability, mathematical aspects of computer science, mathematical physics, numerical analysis and scientific computing, and also applications of mathematics in the sciences. The prize is meant to recognize contributions of extraordinary depth and influence to the mathematical sciences. Such work may have resolved fundamental problems, created powerful new techniques, introduced unifying principles or opened up major new fields of research. The right to nominate is open to anyone. Nominations should be submitted by November 15th. For details of the nomination process, please refer to the Abel Prize website.

Obituary: William T Tucker

1934–2006

Bill Tucker

Dr William T. Tucker passed away on January 29, 2006 in Temple, Texas.

Bill Tucker was born in Memphis, Tennessee in 1934. He had a BS in mechanical engineering from Georgia Tech, an MS in engineering and statistics from Southern Methodist University and a PhD in statistics from Oklahoma State University. He was employed for a number of years by Texas Instruments in Dallas, Texas and was an assistant professor at Southern Methodist from 1966 to 1972.

In 1973, he joined the GE Research and Development Center (now Global Research Center) in Schenectady, New York, where he was a senior statistician until his retirement in 2000. At GE, Bill Tucker led studies in such diverse areas as reliability improvement for aircraft engines, determination of criteria for granting consumer credit, and optimum TV programming. He was instrumental in developing Algorithmic Statistical Process Control—an approach for integrating engineering and statistical process control. He was a recipient of the GE Research and Development Center's Outstanding Technical Leader Award and became a Six Sigma Master Black Belt. He also served as Adjunct Professor at Union College and at Rensselear Polytechnic Institute.

In addition to being a member of the Institute for Mathematical Statistics, Bill was elected a Fellow of the American Statistical Association and a member of the International Statistics Institute. He was a licensed professional engineer, as well as a statistician.

Bill was an avid Dallas Cowboys (US football) fan and also served for 20 years as stage manager of the Schenectady Symphony Orchestra, receiving their Encore Award.

Bill is survived by his wife of 43 years, Nancy, of Georgetown, Texas; his sons Zachary and Bradley; two grandchildren; and his sister, Martha Norton. He was a highly vivacious person and a mentor to many. He will be sorely missed by his family, his many friends, and former colleagues.

Gerald J. Hahn
Retired Manager, Applied Statistics
GE Corporate Research and Development
Schenectady, New York

new book new book new book new book new book new

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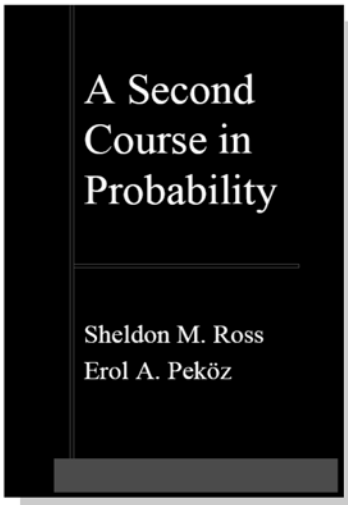
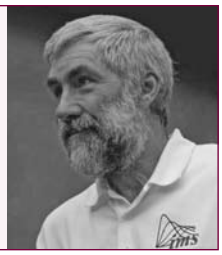


www.ProbabilityBookstore.com

Terence's Stuff: *Live at Salt**

Terry Speed shares his impressions — both good *and* bad — of the Joint Statistical Meetings in Salt Lake City, Utah.



I'm just back from the JSM at the Salt Palace Convention Center in Salt Lake City, Utah. I thought it was great. I know I'm not alone in being ambivalent about big meetings, but there's no point in going and then complaining that they are too large. That's the point! We see the Law of Small Numbers at work: seeing many people just once, a few a surprisingly often, and most not at all, despite being told they are there.

But we also see the Law of Large Numbers at work. How often are we in a room with hundreds, perhaps over a thousand, fellow statisticians, experiencing the thrill of anticipation when one of our subject's heroes takes the podium? One of my most memorable experiences was hearing the legendary W Edwards Deming speak at a JSM in front of the largest statistical audience I have ever seen. Where else but at a JSM would a trio of eminent greys (not grey eminences) attempt to enlighten us on the research for which they are justly famous. (The jury is still out on whether or not they succeeded.) The sound of several hundred statisticians laughing — where else could you hear it?

I went to talks where I made up a large fraction of the audience, and to others where I could barely get a seat. I got absorbed in some stunningly good talks, and I grimly endured a few dreadful ones. To paraphrase Tolstoy: "Good talks are all alike; every bad talk is bad in its own way". How much information can be crammed into one talk, how fast or how softly can a person speak, how small can text on slides possibly be, how incomprehensible can material be to a general audience, how self-referential can a speaker seem, and how long can an address last? I saw the limits pushed in all these dimensions, and thought "Only at a JSM!" I wondered yet again why people don't practice their major talks in front of live audiences, checking it for visibility and timing, and asking their listeners for feedback. Why doesn't every speaker put himself in the place of a random member of his audience, and ask can he hear, see, follow, comprehend, and endure the material? "There but for the grace of God goes John Bradford," said John Bradford. Let's hear that from our speakers for our audiences.

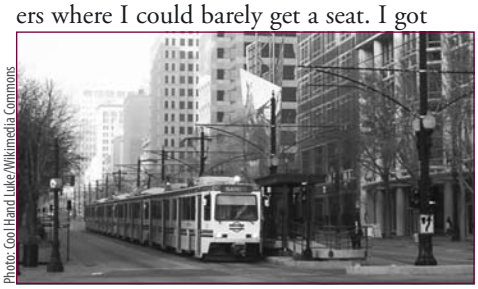


Photo: Cool Hand Luke/Wikimedia Commons

Some other impressions.

Overall the posters were excellent, but there should have been many more of them, and many fewer sparsely populated paper sessions. The Palace itself was an enigma; who will ever forget the first time they searched for rooms 155, 255 and 355? Negotiating the place was like orienteering, but in three dimensions; it always looks so easy on the map. The downtown blocks of Salt Lake City were 1/8 mile square, and the streets seemed to be about a mile wide, but perhaps that was the heat. We have Brigham Young to thank for these design features, as we do for Temple Square, conveniently located close to the convention centre. For me, listening to an afternoon organ recital in the Mormon Tabernacle was a great experience, and I'm just sorry that I missed hearing the famous Choir. The city tram was called a train, and though it came less frequently than one might have liked, and stopped even less frequently, the trips were fast and cool.

I left the exhibit hall feeling that pretty soon there will be just one gigantic academic publisher, who will give us free food, drinks, toys, t-shirts, perhaps even books, at the JSMs of the future. Large-scale amalgamations are just part of what's happening in academic publishing. Should we care? In a Presidential Address that was memorable in more ways than one, the outgoing IMS President gave us the impression he thought so, and I agree.

In some of the sessions I attended, including my own, the projector screens were abandoned as being too small, and the wall was used. This was very effective, and should be borne in mind for future JSMs. Must we have a clash between Wald Lecture #1 and the Deming Lecture? Perhaps I seem to be concentrating on the negative too much? (If so, further adapt the Tolstoy misquote above, or turn on the television news.)

Next year there will be another JSM. There will be regrettable clashes in the schedule, some of the facilities will be found inadequate, and a few talks will be terrible. Despite this, the JSMs will go on, and will largely be great fun. You may not want to go every year, but you should go from time to time, and soak up the Lore of Large Numbers of statisticians. ■

* *"Live at Salt" was inspired by "Dead at Greek". Think the '60s in 94720.*

Photo: Apollomelos/Wikimedia Commons

Profile: 2007 Carver Medal recipient, Bill Harkness

James Rosenberger, former head of the statistics department at Penn State, writes: William L Harkness, professor emeritus of statistics at Penn State, was awarded the 2007 IMS Carver Medal on July 30, at the IMS Annual Meeting in Salt Lake City, *"for his years of distinguished service as Program Secretary and on various committees of the IMS."*

Bill Harkness has been teaching statistics at Penn State for 48 years. His research interests include categorical data analysis, discrete distribution theory, and statistical education. He dedicated much of the last 17 years working to improve statistical education at Penn State and beyond. He served as a Co-Principal Investigator on a $200,000 grant from the Pew Foundation's Learning and Technology Program, sponsored by the Center for Academic Transformation, to redesign the elementary statistics course and was co-PI on the NSF CCLI grant, 'Transforming Biological and Engineering Statistics' at Penn State. He collaborated extensively with researchers in instructional design on pedagogical issues in statistical education, and Curriculum and Instruction. In August 2004 he gave both the Keynote and Closing Addresses at the annual conference 'Beyond the Formulas', devoted to teaching statistics.

Bill joined the Penn State mathematics department in 1959, having received his BS and MSc degrees in mathematics, and PhD (1959) in statistics, from Michigan State University. He became a member of the faculty of the statistics department at its inception in 1968 and served as department head from 1969–87. Bill has continued teaching elementary statistics since becoming professor emeritus in 2002.

Among his many awards and honors, Bill received the Sloan Consortium 2002 Effective Practice Award for Excellence in Online Cost Effectiveness, the Schreyer Institute for Innovation in Learning Award for best Departmental Educational Project in Reforming Courses, and the Eberly College of Science Distinguished Service Award.

Jessica Utts, 2005 Carver Medal winner, noted the many important roles Bill played in her career. "When I reflect on the important milestones in my career, I can attribute at least three of them to Bill Harkness. The first: I had offers from four graduate programs in Statistics and was trying to decide among them. It was the personal touch from Bill that convinced me to go to Penn State—he actually phoned me at 9:30 one night to discuss my offer. I was so appreciative that the department head cared enough to make personal contact, and outside of regular working hours too! He continued to serve as a mentor throughout my career at Penn State and beyond, and I'm not sure I would have completed my PhD without his encouragement. While I was still in graduate school Bill provided another great influence in my career: he sent Duxbury Press founder Alex Kugishev over to my office, to talk with me about writing a book some day. Alex never forgot that introduction, and eventually encouraged me to write *Seeing Through Statistics*, which led to my increased involvement with and commitment to statistics education. The third major influence Bill had, and the one most relevant to the Carver Medal, is that in 1988, as Chair of the IMS Committee to Select Administrative Officers, he invited me to be the IMS Treasurer, a position I held for two terms, from 1988 to 1994. I don't know how my career would have evolved without these important influences, but I do know that much of what I value in my professional life can be traced to these three crucial events, all thanks to Bill Harkness."

Carver Medal recipients Bill Harkness (left) and Bob Hogg

Bruce Lindsay, Willaman Professor of Statistics at Penn State said: "The two people who were most important to my early career development were Sir David Cox, with whom I spent a postdoctoral year, and Bill Harkness, who was my first boss and my mentor at Penn State. I was pretty unsure of myself in those years, but Bill's continuous praise and encouragement carried me through the harder days." Another professor at Penn State, Steven F Arnold recalled: "When I was still a faculty member at Lawrence University in 1976, I met Bill Harkness at a special topics meeting at Purdue. I have always felt that the main reason I came here is because of that meeting with Bill. He liked me, so Penn State decided to interview me, and I liked him so I came."

As head of the Penn State Statistics Department 1969–87, Bill Harkness left an indelible impression on the department. He hired me in 1975: in those wonderful years, we affectionately called him 'the chief', which fit the role he played as mentor, supportive leader and father figure to the growing department. He provided leadership in all areas of guiding the department, recruiting students, hiring faculty, and using every creative device available to expand our course offerings and meet the service course requirements within a very tight budget. I learned many things during that time, which served me well as department head for 15 years. ■

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New journal seeks Editor-in-Chief

Call for Nominations
Editor-in-Chief, *Applied Probability and Operations Research*
Deadline for Nominations October 31, 2007

The Applied Probability Society (APS) of INFORMS, in cooperation with IMS, will publish a new journal in the area of applied probability, tentatively titled *Applied Probability and Operations Research* (*APOR*). It will be an open access electronic journal intended to serve the interests of APS members and the broader applied probability community.

The APOR Editorial Search Committee is soliciting nominations and applications for the position of editor-in-chief. The inaugural editor-in-chief will have a major role in choosing a name for the new journal, setting its scope and mission, determining the editorial board structure, making initial appointments to the editorial board, and determining the editorial review process. The committee seeks your opinions and comments on all of these matters, and on candidates for inaugural editor-in-chief. Qualifications for the editor-in-chief include:

- a demonstrated interest in a broad range of topics in the field
- a demonstrated record of research in the field
- significant editorial experience
- vision of the role of scholarly publications in the electronic age
- commitment to the workload involved
- ability to effectively and efficiently manage the editorial process

Please submit comments, nominations, and applications by October 31, 2007. When submitting an application, please include a resume and a brief statement concerning vision and plans for the journal.

The information may be sent (preferably by e-mail) to the chair of the APOR Editorial Search Committee:

J. Michael Harrison
Graduate School of Business
Stanford University
Stanford, CA 94305-5015
e harrison_michael@gsb.stanford.edu

The committee intends to propose a candidate for approval by INFORMS no later than December 31, 2007. All members of INFORMS and of IMS are invited to participate in this process.

Members of the search committee are: J. Michael Harrison (chair), Stanford University; Rhonda Righter, U. C. Berkeley; Thomas Kurtz, U. Wisconsin; Martin Reiman, Bell Laboratories; and Terry Harrison, Penn. State U. (committee liaison to the INFORMS Publications Committee).

Letter to the Editor

Letters on any issue of interest to IMS members are welcome. Email your letters to the Editor at **bulletin@imstat.org.** *Some small print:* the Editor's decision is final; we may edit your letter before publication; publication does not necessarily imply endorsement of the opinions expressed therein, and the *IMS Bulletin* and its publisher do not accept any responsibility for them.

Dear Editor

I applaud Professor Bertrand Clarke for his comment (*IMS Bulletin*, July, 2007) on a matter that affects statistics profoundly. The overbearing focus on immediate applications is currently squeezing out publication and funding opportunities from new developments in statistical theory and methodology, and preventing improvements on existing methodology. We are essentially presuming that all future applications will be variations of current ones, or that future statisticians would be able to "invent" methodology in a historical and intellectual vacuum. The former is an unduly pessimistic view of human progress. The latter position reminds me of an eminent statistician I met some time back, who, when asked "Where would online security be without 5000 years of number theory?" replied "They would have invented all the number theory they needed at RSA." This opinion is similar to many claims about intelligent design, and essentially not falsifiable, since "all of human history suggests otherwise" is mere data!

Also, if we statisticians believe that Statistics is a mere passenger in the progression of other disciplines, we should communicate that to our students before they enroll, so that any one looking for intellectual challenges would be dissuaded sufficiently early.

Sincerely,
Snigdhansu Chatterjee
University of Minnesota

IMS Meetings around the world

IMS sponsored meeting

7th World Congress in Probability and Statistics
(71st IMS Annual Meeting and 7th Bernoulli Society World Congress)
July 14-19, 2008, National University of Singapore, Singapore

w http://www.ims.nus.edu.sg/Programs/wc2008/index.htm
e wc2008_general@nus.edu.sg

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

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

Martin Barlow, University of British Columbia (Medallion Lecture)
Richard Durrett, Cornell University (Wald Lectures)
Jianqing Fan, Princeton University (Laplace Lecture)
Alice Guionnet, École Normale Supérieure de Lyon (Lévy Lecture)
Mark Low, University of Pennsylvania (Medallion Lecture)
Zhi-Ming Ma, Academy of Mathematics and Systems Science, Beijing (Medallion Lecture)
Peter McCullagh, University of Chicago (Neyman Lecture)
Douglas Nychka, US National Center for Atmospheric Research (Public Lecture)
Oded Schramm, Microsoft Research (BS–IMS Special Lecture)
David Spiegelhalter, University of Cambridge and MRC Biostatistics Unit (Bernoulli Lecture)
Alain-Sol Sznitman, ETH Zurich (Kolmogorov Lecture)
Elizabeth Thompson, University of Washington (Tukey Lecture)
Wendelin Werner, Université Paris-Sud (BS–IMS Special Lecture)

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

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

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

The IMS Child Care initiative encourages and supports the participation at IMS Annual Meetings (including the Congress) of IMS members having child care responsibilities (for application information see http://www.imstat.org/meetings/childcare.htm).

Singapore River scene

Photo: Formulax/Wikimedia Commons

At a glance: forthcoming IMS Annual Meeting and JSM dates

2008

IMS Annual Meeting/ 7th World Congress in Probability and Statistics: Singapore, **July 14–19, 2008.** **w** http://www.ims.nus.edu.sg/Programs/wc2008/index.htm

JSM: Denver, CO **August 3–7, 2008** **w** http://www.amstat.org/meetings/jsm/2008/

2009

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

2010

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

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

2011

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

IMS co-sponsored meeting

MCMSki II: Markov Chain Monte Carlo in Theory and Practice

UPDATED

January 9–11, 2008
Bormio, Italy (Italian Alps)
w http://musing.unipv.it/IMS-ISBA-08/
Program Chairs: Bradley P. Carlin and Antonietta Mira

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

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

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

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

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

We look forward to welcoming you in Bormio this January!

MCMSki II Tentative Daily Schedule

Wednesday January 9

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

Thursday January 10

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

Friday January 11

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

IMS co-sponsored meeting

Adap'Ski 08, a satellite meeting to MCMSki II (see announcement, left)

NEW

January 6–8, 2008
Bormio, Italy
w http://www.maths.bris.ac.uk/~maxca/adapski08/

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

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

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

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

Registration

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

IMS co-sponsored meeting:
2008 ENAR/IMS Spring Meeting
March 16–19, 2008
Hyatt Regency Crystal City, Arlington, VA
w http://www.enar.org/meetings.htm

IMS co-sponsored meeting:
2009 ENAR/IMS Spring Meeting
March 15–18, 2009
Grand Hyatt San Antonio, San Antonio, TX
w http://www.enar.org/meetings.htm

IMS sponsored meeting
2008 WNAR/IMS Western Regional Meeting
June 22–25, 2008
University of California, Davis, CA
NEW
w http://www.wnar.org/ (details coming soon)
IMS Program Chair, Charles Kooperberg

IMS co-sponsored meeting
International Workshop on Recent Advances in Time Series Analysis
June 8–11, 2008
Protaras, Cyprus
w www.ucy.ac.cy/~rats2008/
IMS Rep: Rainer von Sachs (UC Louvain, Belgium).
Call for posters: extended abstracts (1 to 2 pages) should be submitted electronically to fanis@ucy.ac.cy by 1 March 2008

Registration forms and local information are available on the website.

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

IMS co-sponsored meeting
33rd Conference on Stochastic Processes and their Applications
July 27–31, 2009
Berlin, Germany
UPDATED
w http://www.math.tu-berlin.de/SPA2009/
Organizing committee chair: Jochen Blath; co-chair: Peter Imkeller
IMS Reps to Program Committee: Martin Barlow, Gerard Ben Arous, Peter Donnelly, Hans Föllmer, Luis Gorostiza, Dmitry Kramkov, Russ Lyons, Claudia Neuhauser, Gordon Slade, Ed Waymire, and Ofer Zeitouni

IMS sponsored meeting
11th IMS Meeting of New Researchers in Statistics and Probability
July 29 – August 2, 2008
Denver/Boulder*, Colorado
Local chair: Ryan Elmore.
Details to follow.
*See the report from the 2007 New Researchers' Conference in Salt Lake City on page 11.

IMS co-sponsored meeting
JSM2008
NEW
August 3–7, 2008
Denver, Colorado
w http://www.amstat.org/meetings/jsm/2008/
The 2008 Joint Statistical Meetings will be held August 3–7, 2008, at the Colorado Convention Center located at 700 14th Street, Denver, CO 80202.

Denver Metro Convention & Visitors Bureau

IMS co-sponsored meeting
IWAP2008: International Workshop in Applied Probability
July 7–10, 2008
Université Technologie de Compiègne (UTC), Compiègne, France
w http://www.lmac.utc.fr/IWAP2008/
Contacts: Nikolaos Limnios **e** nikolaos.limnios@utc.fr and Joseph Glaz **e** joseph.glaz@uconn.edu (IMS Rep)
This workshop will be an interdisciplinary conference in the field of probability with applications to several areas of science and technology, including actuarial science and insurance, bioinformatics, biosurveillance, computer science, data mining, finance, learning theory and target tracking. The aim of this workshop is to bring together, and to foster exchanges and collaborations among, scientists working in applications to any field, including those listed above.

Compiègne is about 70km (43 miles) north-east of Paris, and is easily accessible by train or car. Roissy/Charles de Gaulle airport is 40 minutes away.

Other Meetings Around the World:
Announcements and Calls for Papers

Sixth Northeast Probability Seminar
November 15–16, 2007
CUNY Graduate Center, New York

NEW

w http://www.math.csi.cuny.edu/probability/NEPS

The invited speakers are Martin Barlow (University of British Columbia), Mireille Bousquet-Melou (Université Bordeaux), Thomas Liggett (UCLA) and Jonathan Mattingly (Duke University). As at the previous seminars, there will time allowed for short, informal talks and discussion sessions.

The NSF support allows us to offer financial support to participants from US Universities. We will give preference to graduate students, postdocs, women and minorities, and junior faculty. Applicants for this financial support should provide: a one-page letter explaining their interest in the seminar and its relation to their research interests; a current CV; graduate students and postdocs should also arrange for a letter of recommendation to be sent from their advisor or some expert familiar with their work. Materials should be sent either by e-mail (preferred: **e** verzani@math.csi.cuny.edu) or postal mail to:

John Verzani
Department of Mathematics, 1S-215
College of Staten Island, CUNY
2800 Victory Boulevard
Staten Island, N.Y. 10314

Consideration of applications will begin around September 15 and continue until the funds are allocated.

International Conference on Statistical Paradigms: Recent Advances And Reconciliations
January 1–4, 2008
Indian Statistical Institute, Kolkata, India

NEW

w http://www.isical.ac.in/~statconf08

The Indian Statistical Institute will hold a major international conference in statistics as part of its Platinum Jubilee Celebrations at its Kolkata campus during January 1–4, 2008. The inaugural address will be given by Prof. C.R. Rao. The conference will cover all mainstream areas of statistics as well as recently emerging new areas, e.g. asymptotic theory, all areas of statistical inference including nonparametric, semiparametric and robust inference, directional data analysis, environmental statistics, biostatistics and epidemiology, multivariate analysis, design of experiments, sample surveys, survival analysis and reliability, linear, generalized linear and nonlinear models, modeling of discrete data, bioinformatics, chaos and nonlinear time series, spatial statistics, statistical signal processing, statistical computing and statistical genetics.

Abstract submission deadline: October 15, 2007. Please visit the website for details on the abstract submission procedure and other information. Selected papers from this conference will appear in a special Platinum Jubilee volume to be published by World Scientific.

Contact: Professor Ashis SenGupta, Convener, ICSPRAR, Applied Statistics Division, Indian Statistical Institute, 203 B. T. Road, Kokata 700108, India **e** statparconf@gmail.com

Lunteren Stochastics Meeting
November 12–14, 2007
Lunteren, The Netherlands

NEW

w http://www.cwi.nl/events/2007/lunteren/lunteren2007.html

The annual meeting of Dutch statisticians and probabilists will take place November 12–14, 2007, in 'De Werelt' in Lunteren. Those who wish to participate in the meeting (including those who will not stay overnight) are kindly requested to register before October 1. For registration and more information see the website.

Oberwolfach Seminar: Enumerative Combinatorics and Integrable Models of Statistical Mechanics
November 18–24, 2007
Oberwolfach, Germany

NEW

w http://www.mfo.de/cgi-bin/path?programme/seminars

Organisers: Christian Krattenthaler, Wien; Philippe Di Francesco, Gif-Sur-Yvette.
Deadline for application: October 1st, 2007.
Oberwolfach Seminars are not regular workshops, but, like summer schools, are aimed at graduate students and postdocs. Details on the website above.

University of Florida Tenth Annual Winter Workshop: Bayesian Model Selection and Objective Methods
January 11–12, 2008
Gainesville, Florida

NEW

w http://www.stat.ufl.edu/symposium/2008/index.html

The workshop will focus on recent developments in the area of Bayesian model selection and those aspects of objective methods that have to do with model selection. A major purpose of the workshop is to discuss the many recent significant developments in Bayesian model selection; to discuss practical implementation; and to identify important problems and new research directions.

All sessions are plenary, and the invited speakers include Merlise Clyde, Ming-Hui Chen, David Draper, Dean Foster, Ed George, Mark Hansen, Michael Jordan, David Madigan, Glen Meeden, Marina Vannucci, Yuhong Yang. The workshop will also include a contributed poster session.

Funding is expected to support a limited number of young researchers to attend the workshop. The organizing committee is soliciting applications from senior graduate students (4th year or higher) and researchers who received their PhD in or after 2003. Applications should include a one-page curriculum vitae, a one-page abstract, and two reference letters, including a major professor who is supervising (or has supervised) the applicant's research. Researchers receiving support are expected to present their work at the poster session. Applications should be e-mailed by November 12, 2007. Women and under-represented groups are encouraged to apply. Funding applications and workshop registration link are found on the Workshop web page. E-mails should be sent to carol@stat.ufl.edu.

6th Workshop: Statistical methods for post-genomic data (Atelier: Méthodes statistiques pour données post-génomiques)
January 31– February 1, 2008
Rennes, France

NEW

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

This workshop will focus on statistical methods dedicated to post-genomic data such as transcriptome, proteome. High flow experimental methods aim at identifying the genes functions and their links with a biological process. Statistics and mathematics are useful for providing performing methods for the differential analysis of micro-array data and electrophoresis images and for modelling networks using multiple genomic data. The subjects of interest are the following: mixing models, multiple testing, estimation and variables selection, Bayesian methods, random effects models, kernels methods, classification (supervised or not), change point estimation.

Invited speakers

Peter Green: Bayesian inference in complex stochastic systems, Markov chain Monte Carlo methodology, statistical genomics, especially gene expression analysis, spatial statistics and image analysis
Rainer Spang: Reverse engineering of complex biological systems, High-throughput intervention data, Diagnosis of cancer based on molecular profiles, Bioinformatics, Machine Learning and Statistics
Ernst Wit: Statistical bioinformatics, Experimental design, Systems biology, Foundations of statistics, Hidden Markov models, Computational biology
Age Smilde: Multiway data analysis, High dimensional analysis of variance.

Call for communication: Propositions must be sent to david.causeur@agrocampus-rennes.fr before November 30, 2007. The total length of the text (title + abstract) must be less than or equal to 2 pages. Please send your contribution as PDF or LaTeX files. Abstract and slides will be in English. Speakers will be asked to give their talk in English.

Contact: David Causeur, Agrocampus Rennes
e david.causeur@agrocampus-rennes.fr

Agrocampus, Rennes

Send your meeting announcement to erg@imstat.org

4th Cornell Probability Summer School
June 23 – July 4, 2008
Cornell University, Ithaca, NY

NEW

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

The Fourth Cornell Probability Summer School will be held June 23–July 4, 2008 at Cornell University in Ithaca, NY. This year's summer school will focus on probability problems that arise from ecology. The main lecturers will be: Claudia Neuhauser (Minnesota), Sylvie Mélélard (Paris), Simon Levin (Princeton) , and Ted Cox (Syracuse). In addition there will be one or two one-hour talks by Steve Ellner (Cornell), Alan Hastings (U.C. Davis), Steve Krone (U. of Idaho), Nicolas Lanchier (Arizona State), and Rinaldo Schinazi (Colorado Springs).

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

ISBIS-2008
July 1–4, 2008
Prague, Czech Republic

NEW

w http://www.action-m.com/isbis2008

First announcement and Call for Papers:

ISBIS-2008 is an international symposium sponsored by the International Society of Business and Industrial Statistics, focusing on quantitative aspects of Banking, Insurance and Finance, and important statistical issues relating to productivity improvement and decision-making at all levels of business and industry.

Many world leading quantitative financial analysts and industrial statisticians will be participating.

The symposium will be held in the beautiful medieval city of Prague, in the Czech Republic, during 1–4 July, 2008.

It will provide a varied and stimulating scientific program of invited and contributed papers, and excellent opportunities for formal and informal exchanges. Authors will have the opportunity to submit extended versions of their papers for publication in a special edition of the Society's journal, *Applied Stochastic Models in Business and Industry.*

For further information, please visit www.action-m.com/isbis2008 or send email to Milena Zeithamlova at milena@action-m.com.

International Society for Bayesian Analysis 9th World Meeting
July 21–25, 2008
Hamilton Island, Australia

NEW

w http://www.isba2008.sci.qut.edu.au

You are warmly invited to join us for the 9th World Meeting of the International Society for Bayesian Analysis (ISBA), to be held at Hamilton Island, Australia, in 2008. The ISBA conferences are held every two years, with every second one held jointly with the Valencia meetings. These conferences have become one of the premier events in Bayesian statistics. ISBA 2008 will broadly follow the tradition of these meetings, combining an excellent scientific programme that includes 5 keynote speakers, 90 oral presentations run over 3 parallel sessions and two poster evenings, with an active social schedule aimed at allowing delegates time to explore this beautiful location.

Any email correspondence in relation to this event should be sent to the program or organizing committee isba08@qut.edu.au

Stochastic Networks Conference 2008
June 23–28, 2008
École Normale Supérieure, Paris, France

NEW

Chairs: François Baccelli, J. Mairesse

w http://www.di.ens.fr/~baccelli/stonet08.html

Bookmark this URL: the website is under development. Please check back.

Harvard University Statistics Department 50th Anniversary Celebration & Symposium
October 26–27, 2007
Gutman Conference Center, Graduate School of Education, Harvard University

NEW

w http://www.stat.harvard.edu/anniversary/index.html

We are pleased to invite alumni, former faculty and friends to a celebration of the 50th anniversary of the founding of Harvard University's Department of Statistics. Check the website for details.

Current Trends and Challenges in Model Selection and Related Areas
July 24–26, 2008
University of Vienna, Vienna, Austria
w http://www.univie.ac.at/workshop_modelselection/

The workshop will provide a forum for presentation and discussion of current trends and challenging problems in model selection and related shrinkage methods. Invited speakers include Yannick Baraud (Université de Nice Sophia-Antipoli), Rudy Beran (UC Davis), Ed George (The Wharton School), Patrik Guggenberger (UCLA), Ching-Kang Ing (Academia Sinica), Paul Kabaila (LaTrobe Univ.), Gabor Lugosi (Pompeu Fabra Univ.), and Yuhong Yang (Univ. of Minnesota).

Contributed presentations are welcome. For further details, see the website above.

ISCB-29: International Society for Clinical Biostatistics
17-21 August 2008
Copenhagen, Denmark
w www.iscb2008
First announcement

The 29th Annual Conference of the International Society for Clinical Biostatistics in Copenhagen, Denmark will provide a forum for the international exchange of theory, methods and applications of biostatistics in medical research and practice among clinicians, statisticians and members of other disciplines, such as epidemiologists, clinical chemists and clinical pharmacologists, working or interested in the field of clinical biostatistics.

Please visit www.iscb2008.info for further details.

These meetings are also listed on the IMS website, at http://www.imstat.org/meetings

Employment Opportunities around the world

Directory of Advertisements

China

Hong Kong: The University of Hong Kong; Chinese University of Hong Kong

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California: Stanford University [2 ads]
University of California, Davis [2 ads]
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University of California, Santa Barbara
University of Southern California: Marshall School of Business

Georgia: Georgia Tech

Iowa: Iowa State University

Indiana: Indiana University

Massachusetts: MIT
Radcliffe Institute at Harvard University

North Carolina: University of North Carolina, Chapel Hill

New York: Cornell University [3 ads]

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Pennsylvania: Carnegie Mellon University
Lehigh University
Fox School, Temple University

South Carolina: Clemson University
University of South Carolina

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Utah: University of Utah

Virginia: American Statistical Association

Washington: Fred Hutchinson Cancer Research Center

Are you recruiting?

You can advertise your vacancies here in the *IMS Bulletin*, and online, at our very competitive rates. Please check inside the back cover for our requirements and deadlines.

China: Hong Kong

The University of Hong Kong: Centenary Recruitment Plan
Tenure-Track Professor/Associate Professor/Assistant Professor
in the Department of Statistics and Actuarial Science
(Ref.: RF-2006/2007-660)

Applications are invited for tenure-track appointment as Professor/Associate Professor/Assistant Professor in the Department of Statistics and Actuarial Science, from July 1, 2008 or as soon as possible thereafter. The post will initially be made on a three-year term, under the Centenary Recruitment Plan (CRP). Appointment with tenure will be considered during the second three-year contract. Information about the CRP can be obtained at https://www.hku.hk/apptunit/.

Applicants should have a PhD degree in Statistics or Probability, preferably in Time Series Analysis or Stochastic Analysis. Candidates with demonstrated ability in research and experience in teaching are preferred. Information about the Department and its mission can be obtained at http://www.hku.hk/statistics.

Applicants who have responded to the last advertisements (Ref.: RF-2006/2007-221-529) need not re-apply and their applications will be considered together with the new applications.

For enquiries of the existing research activities and the specific job requirements, please write to Professor W.K. Li, Head of the Department of Statistics and Actuarial Science (e-mail: hrntlwk@hkucc.hku.hk). Further particulars and application forms (272/302 amended) can be obtained at https://www.hku.hk/apptunit/ or from the Appointments Unit (Senior), Human Resource Section, Registry, The University of Hong Kong, Hong Kong (fax: (852) 2540 6735 or 2559 2058; e-mail: senrappt@hkucc.hku.hk).

Closes December 31, 2007. Candidates who are not contacted within 4 months of the closing date may consider their applications unsuccessful.

Taiwan: Taipei

Institute of Statistical Science
Academia Sinica, Taiwan

Contingent upon administrative approval, we expect to have one to two regular research positions available in 2008 along two tracks. Track I covers all statistical areas. Candidates must have a PhD in statistics or related fields. Track II is designated for the emerging area of bioinformatics, systems and computational biology, and mathematics in biology (MIB). A doctorate in an area of biological, statistical, mathematical, or computer science is required. Rank of appointment (Assistant Research Fellow, Associate Research Fellow or Research Fellow) for both tracks will be commensurate with the applicant's experience and qualifications.

Interested applicants should send a curriculum vitae, three letters of recommendation, copies of publications/technical reports, transcripts (for new PhD only) and other relevant documents to *Dr. Hwai-Chung Ho, Chair of Search Committee, Institute of Statistical Science, Academia Sinica, Taipei 115, Taiwan, R.O.C.* (Fax:886-2-27831523, e-mail: hcho@stat.sinica.edu.tw). To receive full consideration, please complete the application by December 31, 2007.

China: Hong Kong

THE CHINESE UNIVERSITY OF HONG KONG

Applications are invited for:

Department of Statistics
Assistant Professor / Instructor
(Ref. 07/199(408)/2)

Applicants should have (i) a PhD degree; and (ii) strong research and teaching records, or potential in statistics or closely related areas. Applicants with exceptionally strong credentials may be considered for appointment at a higher level as Professor or Associate Professor. The appointee will (a) teach undergraduate and postgraduate courses in statistics and risk management; (b) conduct high quality research; and (c) assist in the administration of the Department. Appointment will normally be made on contract basis for up to three years initially commencing as soon as possible, leading to longer-term appointment or substantiation later (for Assistant Professorship), or renewal (for Instructorship) subject to mutual agreement. Applications will be accepted until the post is filled.

Salary and Fringe Benefits

Salary will be highly competitive, commensurate with qualifications and experience. The University offers a comprehensive fringe benefit package, including medical care, plus a contract-end gratuity for an appointment of two years or longer; and for Assistant Professorship: housing benefits for eligible appointees.
Further information about the University and the general terms of service for teaching appointees is available at *http://www.cuhk.edu.hk/personnel*. The terms mentioned herein are for reference only and are subject to revision by the University.

Application Procedure

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

USA: California

Stanford University

The Statistics Department seeks applicants for a tenure track position at the Assistant Professor level. The position would begin September 2008. A doctorate in statistics or a related field is required. Applicants should have demonstrated strong research abilities, and will be expected to teach courses at both the undergraduate and graduate level. Applications are sought from all areas of statistics, both applied and theoretical.

Please see our website http://www-stat.stanford.edu for a description of departmental activities and people.

Applicants are requested to send a letter of application, curriculum vita, graduate transcripts, and at most one reprint/preprint to:

Faculty Search Committee
Department of Statistics
Stanford University
390 Serra Mall
Stanford, CA 94305-4065

Applicants should also arrange for three letters of recommendation to be sent to the above address. Applications received by January 10, 2008 will be guaranteed consideration.

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applicants from women and minority groups, as well as others who would bring additional dimensions to the university's research and teaching missions.

USA: Alabama

UAB SCHOOL OF PUBLIC HEALTH Department of Biostatistics

Section on Statistical Genetics

FACULTY POSITIONS IN STATISTICAL GENETICS/STATISTICAL GENOMICS

The Department of Biostatistics invites applications for tenured, tenure track and research track positions in Statistical Genetics/Statistical Genomics. The position(s) are at an open level (instructor, asst, assoc, or full) depending on the qualifications of the candidate. Faculty will be expected and given the opportunity to develop their own independent line of research. In addition, substantial opportunities to collaborate and publish with other established investigators will be offered. This is an excellent opportunity to expand one's career into one of the most rapidly progressing and in-demand areas of scientific research. Candidates will ideally have a background in statistical genetics, but must have a doctoral degree and either (a) a very strong background in the quantitative sciences (e.g., a Ph.D. in statistics, biostatistics, computer science, psychometrics, mathematics) and a willingness to learn to apply these techniques to genetic research; or (b) a very strong background in genetics (e.g., a Ph.D. in genetics) and *very strong and demonstrated* quantitative skills. Proven ability to conduct innovative research is required. A successful track record of grant-funding is highly desirable, but not required. A successful track record of publication and collaboration as part of a research team is essential. We are seeking bright, energetic, hard-working people who enjoy and excel at working as team players with inter-disciplinary colleagues. For tenure-track positions, graduate level teaching (1 to 2 courses per year) is required.

The University of Alabama at Birmingham is an equal opportunity, affirmative action employer. Women, minorities, and persons with disabilities are encouraged to apply.

For more information about our group, see: http://www.soph.uab.edu/ssg/default.aspx?id=2

Applications will be accepted until the positions are filled. Applications, supported by full curriculum vitae and the names of three referees, should be sent to:

David B. Allison, Ph.D.,
Professor & Head, Section on Statistical Genetics
Department of Biostatistics
Ryals Public Health Bldg 327
1665 University Blvd
University of Alabama at Birmingham
Birmingham, AL 35294-0022
Phone: (205) 975-9169
Fax: (205) 975-2541
Email: Dallison@UAB.edu

USA: California

Stanford University School of Medicine Seeking Faculty Member in the Area of Biostatistics

The Department of Health Research and Policy at Stanford University School of Medicine is seeking a full-time tenure track faculty member in the area of Biostatistics. The predominant criterion for appointment in the University Tenure Line is a major commitment to research and teaching. The position will be at the Assistant , Associate, or full Professor level. A doctorate in biostatistics or a related field is required. Applicants should have demonstrated strong research abilities and will be expected to teach courses at both the undergraduate and graduate level, conduct research in Biostatistics, consult with clinical investigators, and work with other members of the Stanford scientific community. Applicants from areas of biostatistics related to cancer research, clinical trials, or translational research are especially encouraged to apply. Experience in design and analysis of data from clinical trials is desirable.

Candidates interested in this position are requested to send a letter of application, curriculum vita, graduate transcripts, at most one reprint/preprint, and three letters of recommendation to:

Robert Tibshirani, PhD
Chair, Faculty Search Committee
c/o Jessica Bussey
Department of Health Research and Policy
Stanford University School of Medicine
Stanford, CA 94305-5405

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university's research, teaching and clinical missions.

USA: California

University of California, Davis Department of Statistics

The Department of Statistics invites applications for a tenure-track Assistant Professor faculty position, starting on July 1, 2008. This is one of six new faculty positions at UC Davis associated with a recently launched interdisciplinary cosmology initiative (see http://universe.ucdavis.edu/ for further details). The position offers opportunities for active involvement in exciting frontier areas of modern statistics for huge data sets in cosmology and astrophysics. Applicants should have demonstrated interest in relevant statistical fields such as pattern recognition, image analysis, Bayesian computing, or statistical machine learning. Applicants must have a PhD in Statistics or in a related field. Depending on the candidate's qualifications, a joint appointment with Computer Science, Mathematics or Physics may be possible.

Email letter of application, including a statement of research interests, and curriculum vitae with publication list to universe@wald.ucdavis.edu. Please arrange for at least three letters of reference, relevant reprints/preprints, and transcripts (applicants with PhD obtained in 2006 or later) to be sent to

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

Review of applications will begin on December 1, 2007, and will continue until the position is filled. UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities and veterans.

USA: California

University of California, Davis Department of Statistics

The Department of Statistics at UC Davis invites applications for one tenure-track Assistant or tenured Associate Professor from qualified individuals with a Ph.D. in Statistics or a related field. The applicant is expected to have active research interests in statistical and computational methods for large and complex data. An outstanding record of research, professional activity, and teaching is expected for a tenured appointment. Demonstrated interest and the ability to achieve such a record is necessary for an appointment as a tenure-track Assistant Professor. The successful candidate will be expected to teach at both the undergraduate and graduate levels. The position will begin 7/1/2008. The Department hosts graduate programs in Statistics and in Biostatistics: for further information see http://www.stat.ucdavis.edu/ . UC Davis offers a broad range of opportunities for collaborations involving large and complex data, including programs in Astrophysics, Bioinformatics and Computational Science,

Email letter of application, including a statement of research interests, and curriculum vitae with publication list to search@wald.ucdavis.edu . Please arrange for at least three letters of reference, relevant reprints/preprints, and transcripts (applicants with PhD obtained in 2006 or later) to be sent:

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

Review of applications will begin on December 1, 2007, and will continue until the position is filled. UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities and veterans.

USA: California

University of California, Riverside
Department of Statistics
Lecturer

The Department of Statistics at the University of California, Riverside (UCR) invites applications for a one-year full-time lecturer position, depending upon funding and with the possibility of reappointment, for the 2008–09 academic year. A PhD in Statistics or Biostatistics is desirable with the minimum requirement as MS in Statistics or Biostatistics. The applicant must have a high quality teaching record with a strong teaching commitment.

The Department of Statistics offers both BA and BS degrees in Statistics, an MS degree in Statistics, and a Ph.D. degree in Applied Statistics. The Department has an active Statistical Consulting Collaboratory. The Department website is http://statistics.ucr.edu.

Please send your application with your vitae and evidence of high quality teaching commitment to:

Professor Subir Ghosh
Department of Statistics
Room 2626 Statistics-Computer Building
University of California
900 University Avenue
Riverside, CA 92521-0138, USA

The applicants should arrange for three letters of recommendation to be sent to Professor Ghosh. Until the file is complete with the requested information, the application can not be given full consideration.

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

USA: California

University of California, Riverside
Department of Statistics
Assistant/Associate Professor in Statistics

Applications and nominations are invited for the tenure-track position of Assistant/Associate Professor of Statistics in the Department of Statistics at the University of California, Riverside.

The position targets candidates with high quality research and strong teaching record, and general training in statistics or biostatistics with expertise preferably in more than one of the following areas: Discrete Data Analysis, Nonparametric or Semi-Parametric Statistics, Large Scale Data Analysis, Bayesian or Classical Inference, Spatial Statistics, Large Sample Theory, Order Statistics, Applied Probability, Quality or Reliability Improvement. Some importance will be given to a candidate's likelihood of establishing an interdisciplinary research program within our college. Qualified candidates must have a PhD in Statistics or Biostatistics. The position is effective July 1, 2008.

Reviews for the position begin November 1, 2007, and will continue until the position is filled. Interested applicants should send a letter describing how their qualifications and interests would fit with the position description along with their curriculum vitae, to:

Professor Barry Arnold
Department of Statistics
Room 2626 Statistics-Computer Building
University of California
900 University Avenue
Riverside, CA 92521-0138, USA

The applicants should arrange for three letters of recommendation to be sent to Professor Arnold. Until the file is complete with the requested information, the application can not be given full consideration.

The University of California is an Affirmative Action/Equal Opportunity Employer. Members of underrepresented groups are particularly encouraged to apply.

USA: California

University of California, Santa Barbara
Department of Statistics and Applied Probability
Open Level Faculty Position

The Department of Statistics and Applied Probability invites applications for an open level position in Stochastic Analysis (particularly Mathematical Finance), starting July 1, 2008.

Qualifications: research and teaching excellence and PhD in Statistics, Mathematics, or related field.

To apply, please follow instructions on http://www.pstat.ucsb.edu/

Review of applications begins November 20, 2007 and continues until the position is filled. Early applications are encouraged. Candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service are particularly encouraged to apply. An EO/AA employer.

USA: California

University of California, Santa Barbara

Department of Statistics and Applied Probability: Assistant Professor

Department of Statistics and Applied Probability invites applications for a tenure track Assistant Professor position in Applied Statistics, starting July 1, 2008. Qualifications: research and teaching excellence and PhD in Statistics, biostatistics or related field. Preference will be given for research on methodology and applications relating to biometrics, environmental science or finance.

To apply, please follow instructions on http://www.pstat.ucsb.edu/

Review of applications begins November 15, 2007 and continues until the position is filled. Early applications are encouraged. Candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service are particularly encouraged to apply. An EO/AA employer.

USA: California

University of California, San Diego

Stefan E. Warschawski Assistant Professorship

The Department of Mathematics at the University of California, San Diego, is seeking outstanding candidates for a special three year assistant professorship, the S. E. Warschawski Assistant Professorship, pending funding approval. The nine-month salary is $48,000. This is a three-year non-renewable appointment.

Applicants should possess a recent PhD degree (received no earlier than 2005) in Mathematics, or expect to receive one prior to July 2008. We expect these candidates to have excellent teaching skills and excellent research potential. Candidates with teaching and research interests compatible with current faculty are sought. Applications should be submitted online through www.mathjobs.org by November 30, 2007. For further instructions and information, see http://math.ucsd.edu/about/employment/faculty.

In compliance with the Immigration Reform and Control Act of 1986, individuals offered employment by the University of California will be required to show documentation to prove identity and authorization to work in the United States before hiring can occur. UCSD is an equal opportunity/affirmative action employer with a strong institutional commitment to the achievement of diversity among its faculty and staff.

All applications should include the following items:

* 3 Reference Letters (Writers should upload their reference letters to mathjobs.org or send them under separate cover; at least one letter should address teaching experience in some depth.)
* 1 Cover Letter
* 1 Curriculum Vitae
* 1 Publications List
* 1 Research Statement
* 1 Teaching Statement, and optionally a statement about contributions to diversity.

USA: California

University of Southern California

Marshall School of Business

The Information and Operations Management department in the Marshall School of Business invites applications for a tenure track position in statistics beginning in August 2008. The opening is at the assistant level but applications from exceptional candidates at the associate and full professor level will also be considered. Applicants must display strong research potential as well as excellent teaching skills. Candidates must have a PhD in statistics or a closely related field. Researchers in all areas of statistics are encouraged to apply.

The successful applicant will join a statistics group of 10 faculty. Remuneration is competitive. In addition, generous research support for technology and travel is provided for all faculty. Teaching loads are generally low with many faculty completing their teaching assignment in one semester.

Review of applications begins December 1, 2007, and continues until the positions are filled. All applicants should send cover letter, CV, and three letters of reference to *IOM Statistics Search, Marshall School of Business, University of Southern California, Los Angeles, CA 90089-0809*. Direct email inquiries to Charlene.Conston@marshall.usc.edu.

The University of Southern California values diversity and is committed to equal opportunity in employment. Women and men, and members of all racial and ethnic groups, are encouraged to apply.

The Marshall School of Business is set in an academic community of international stature. The University of Southern California combines the strength of a research university with the advantages of a small private college and is the oldest major private university in the West. USC is committed to both teaching and creating knowledge. Only a major research university such as USC makes the breadth of resources and academic programs funded here possible.

USA: Georgia

Georgia Institute of Technology

The School of Mathematics at Georgia Tech is now in the fourth year of an ambitious faculty recruitment program — one which will be sustained over a five-year period. During the first three years, ten appointments were made, including four tenured appointments, two at the full professor level and two at the associate professor level. Building on past successes, this recruiting effort is intended to make rapid advances in the scope and quality of our research and graduate education programs.

Candidates will be considered at all ranks, with priority given to those candidates who

(1) bring exceptional quality research credentials to Georgia Tech;

(2) complement existing strengths in the School of Mathematics;

(3) reinforce bridges to programs in engineering and the physical, computing and life sciences;

(4) have strong potential for external funding; and

(5) have a demonstrated commitment to high quality teaching at both the undergraduate and graduate levels.

Consistent with these priorities, candidates will be considered in all areas of Pure and Applied Mathematics and Statistics. Candidates should arrange for a resume, at least three letters of reference, and a summary of future research plans to be sent to the *Hiring Committee, School of Mathematics, Georgia Institute of Technology, Atlanta, GA, 30332-0160, USA*. Candidates for Associate and Full Professor positions should also submit a statement outlining their vision for service as a senior faculty member at Georgia Tech. Review of applications will begin in September 2007, and the roster of candidates being considered will be updated on a monthly basis. Georgia Tech, an institution of the University System of Georgia, is an Equal Opportunity/Affirmative Action Employer.

USA: Iowa

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

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

The Department of Statistics at Iowa State University invites applications for four tenured/tenure-track faculty positions. A PhD in statistics or a closely related field is required. Candidates will be expected to maintain a strong research program, advise graduate students and teach courses in statistics. Any area of statistics will be considered, but interests in survey sampling, Bayesian inference, computational statistics or statistics education will be given priority. The position of Director of the Center for Survey Statistics and Methodology may be offered to a candidate with appropriate qualifications. The CSSM position may be offered at any level and at least one of the other positions may be offered at the Associate Professor level. Academic rank will be based on current record and future potential for research and teaching excellence in statistics.

The Department of Statistics has a large and diverse faculty and well established and effective BS, MS and PhD programs. These positions offer immediate opportunities for graduate student guidance. Strong links with other University departments and research centers provide opportunities to collaborate with faculty in education, engineering and the physical, biological, environmental, behavioral or computational sciences. Further information about these positions and the department can be found at www.stat.iastate.edu.

Assistant Professor candidates should provide an application letter, curriculum vita, transcripts, teaching and research statements, dissertation abstract and selected publications. Additionally, each candidate should arrange for three letters of recommendation to be sent. Candidates for Associate or Full Professor should send an application letter, curriculum vita, selected publications and full contact information for four references. Applications should be submitted electronically to *statfacultysearch@iastate.edu*. Review of applications will begin on December 3, 2007 and will continue until the position is filled.

Iowa State University is an Equal Opportunity/Affirmative Action employer

USA: Indiana

Indiana University

The Department of Statistics in the College of Arts and Sciences at Indiana University invites applications for one or two tenure-track Assistant Professor positions. Applicants are expected to have an active research program, a strong interest in interdisciplinary collaborations, and a commitment to teaching excellence. A PhD in statistics or a related field is required.

Created in 2006, the Department of Statistics currently comprises eight faculty members and 22 affiliated faculty from other University departments. The department will offer both undergraduate and graduate degree programs, and is responsible for the Indiana Statistical Consulting Center. More information about the department can be found at its website: http://www.stat.indiana.edu/

The search will continue until the positions are filled. Receipt of application by November 15, 2007 will ensure consideration for the 2008–2009 academic year.

Indiana University offers competitive salaries and excellent benefits. Indiana University is an Equal Opportunity/Affirmative Action Employer, strongly committed to excellence through diversity. Applications from women and minorities are especially encouraged. Indiana University is also responsive to the needs of dual-career couples.

Applicants should submit a curriculum vitae, representative preprints or reprints, and concise statements of research and teaching interests/goals. Applicants should also have at least three letters of recommendation sent directly. Please address all correspondence to:

Search Committee,
Department of Statistics,
Indiana University, Statistics House,
309 North Park Avenue,
Bloomington, IN 47405, USA.

USA: Massachusetts

Massachusetts Institute Of Technology
Department Of Mathematics
Statistics

The Department of Mathematics at MIT is seeking to fill combined teaching and research positions at the level of Instructor, Assistant Professor or higher in STATISTICS or APPLIED PROBABILITY beginning September 2008. Appointments are mainly based on exceptional research qualifications. We request that applications and other materials, including (a) curriculum vitae, (b) research description, and (c) three letters of recommendations, be submitted online at www.mathjobs.org. Applications should be complete by January 1, 2008 to receive full consideration. We request that your letters of reference be submitted by the reviewers online via mathjobs. We will also accept recommendations either as PDF attachments sent to kimm@math.mit.edu, or as paper copies mailed to: *Committee on Statistics, Room 2-263, Department of Mathematics, MIT, 77 Massachusetts Ave., Cambridge, MA 02139-4307*. Please do not mail or email duplicates of items already submitted via mathjobs.

MIT is an Equal Opportunity, Affirmative Action Employer.

USA: Massachusetts

Radcliffe Institute for Advanced Study at Harvard University
Fellowships

The Radcliffe Institute for Advanced Study at Harvard University awards fully funded fellowships each year. Radcliffe Institute fellowships are designed to support scientists of exceptional promise and demonstrated accomplishment. Scientists, in any field, with a doctorate in the area of the proposed project by December 2006 are eligible to apply. Only scientists who have at least two published articles or monographs are eligible to apply.

The stipend amount of $70,000 is meant to compliment sabbatical leave salaries of faculty members. Fellows receive office space, computers and high speed links, and access to libraries and other resources of Harvard University during the fellowship year, which extends from early September 2008 through June 30, 2009. Residence in the Boston area is required as is participation in the Institute community. Fellows are expected to present their work-in-progress and to attend other fellows' events.

For more information, including lists of present and past fellows, visit our Web site at www.radcliffe.edu. Applications are due by December 3rd, 2007. Apply on-line or write, call, or e-mail for an application:

Radcliffe Application Office
34 Concord Avenue, Cambridge, MA 02138
t 617-496-3048 **e** science@radcliffe.edu **w** www.radcliffe.edu

USA: North Carolina

University of North Carolina at Chapel Hill
Department of Statistics and Operations Research
Assistant Professor in Probability

Applications are invited for a tenure-track position at the Assistant Professor level, beginning July 2008. We seek candidates in probability theory, preferably with interests in applications and interdisciplinary activities. Probability is a well-established core focus of the Department's research and graduate program. The Departmental and University research environments offer many opportunities for collaborative research. Currently, probability faculty interacts with Statistics and Operations Research faculty within the Department; during the past two years, the Department has hired an Associate Professor in Statistical Theory as well as two Assistant Professors in Optimization and Stochastic Modeling. Probability faculty is also actively engaged in collaborative research with faculty in the departments of Mathematics, Economics, Computer Science, Biology, etc. The larger Triangle area (NCSU, Duke, SAMSI, EPA, etc.) also offers many other exciting opportunities for collaborative research.

We will begin reviewing applications after January 1, 2008, but applications will still be accepted until the position is filled. Applicants should have exhibited excellence, or excellent potential, in research and teaching. The applicant should have (or be near completion of) a PhD with research focus in probability theory. The application package should include a cover letter, up-to-date curriculum vitae, research and teaching statements, representative papers, and a graduate transcript if the applicant is a new PhD. All applicants should also arrange for four letters of recommendation. At least one of the letters should include evaluation of the applicant's teaching ability. Application materials and the letters of recommendation must be sent in electronic form only to the e-mail address listed below. For additional information see the Departmental website listed below.

Probability Search Committee
Department of Statistics and Operations Research
CB #3260
University of North Carolina
Chapel Hill, NC 27599-3260
e probposition@unc.edu
t 919-962-8401
w www.stat-or.unc.edu

The University of North Carolina at Chapel Hill is an AA/EEO/ADA employer, and encourages applications from women and members of ethnic minorities.

USA: New York

Cornell University

The Department of Mathematics at Cornell University invites applications for a tenure-track Assistant Professor position, or higher rank, pending administrative approval, starting July 1, 2008. Applications in all areas of Mathematics will be considered with a priority given to probability. The Department actively encourages applications from women and minority candidates.

Applicants are strongly encouraged to apply electronically at http://www.mathjobs.org

For information about our positions and application instructions, see http://www.math.cornell.edu/Positions/facpositions.html

Applicants will be automatically considered for all eligible positions. Deadline November 1, 2007. Early applications will be regarded favorably.

Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

USA: New York

Cornell University

The Department of Mathematics at Cornell University invites applications for two or more H.C. Wang Assistant Professors, non-renewable, 3-year term beginning July 1, 2008. Successful candidates are expected to pursue independent research at Cornell and teach three courses per year. The Department actively encourages applications from women and minority candidates.

Applicants are strongly encouraged to apply electronically at http://www.mathjobs.org

For information about our positions and application instructions, see http://www.math.cornell.edu/Positions/facpositions.html

Applicants will be automatically considered for all eligible positions. Deadline December 1, 2007. Early applications will be regarded favorably.

Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

USA: New York

Cornell University

The Department of Mathematics at Cornell University invites applications for possible visiting positions, academic year or one semester teaching positions (rank based on experience) beginning August 16, 2008. We are seeking candidates who have excellent teaching skills. Teaching load varies from 1–4 courses per year, depending on the individual and the availability of courses. Candidates with teaching and research interests compatible with current faculty are sought. The Department actively encourages applications from women and minority candidates.

Applicants are strongly encouraged to apply electronically at http://www.mathjobs.org

For information about our positions and application instructions, see http://www.math.cornell.edu/Positions/facpositions.html

Applicants will be automatically considered for all eligible positions. Deadline December 1, 2007. Early applications will be regarded favorably.

Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

USA: Ohio

Case Western Reserve University

Contingent upon need and budget, the Department of Statistics in the College of Arts and Sciences at Case Western Reserve University anticipates visiting faculty or lecturer positions for the Spring 2008 semester, with the possibility of reappointment for up to three years. Usual teaching load is 2/2 PER YEAR. For more information about the department, please see http://stat.case.edu.

Submit a letter of application, curriculum vitae, and a list of three references. Electronic applications are preferred. Please send to stat-visiting-positions@case.edu or hard copies to: *Statistics Department, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, OH 44106-7054*.

Applications will begin to be considered July 15 and will be considered until the positions are filled.

In employment as in education Case Western Reserve University is committed to Equal Opportunity and World Class Diversity.

USA: Oregon

University of Oregon

The University of Oregon department of mathematics seeks applicants for two full-time tenure-related positions at the rank of Assistant Professor, in any area of pure or applied mathematics including statistics and mathematics education. Minimum qualifications are a PhD in mathematics, statistics, or closely related field, an outstanding research record and evidence of teaching ability. See job announcement at http://hr.uoregon.edu/jobs for more information.

Applicants will please provide a standard AMS cover page, CV and three letters of recommendation. We strongly prefer applications and letters to be submitted electronically at MathJobs.org. Application materials may also be mailed directly to: *Search Committee, Department of Mathematics, 1222 University of Oregon, Eugene, Oregon, 97403-1222.*

Deadline for applications: December 14, 2007. Candidates should have the ability to work effectively with a diverse community. The University of Oregon is an EO/AA/ADA institution committed to cultural diversity.

USA: Pennsylvania

Carnegie Mellon University

Applications are invited for possible tenure-track, lecturer, and visiting positions. Carnegie Mellon offers a collegial faculty environment, emphasizing a combination of disciplinary and cross-disciplinary research and teaching.

All areas of statistics are welcome, and joint appointments with other units in the Pittsburgh area are possible. We especially encourage women and minorities to apply.

Details at http://www.stat.cmu.edu (email: hiring@stat.cmu.edu).

Application screening begins immediately and continues until positions closed. Send CV, research papers, relevant transcripts and three letters of recommendation to:

Chair, Faculty Search Committee,
Department of Statistics,
Carnegie Mellon University,
Pittsburgh, PA 15213, USA.

AA/EOE.

USA: Pennsylvania

Lehigh University

The Lehigh University Department of Mathematics seeks to hire a tenure-track Assistant Professor specializing in mathematical statistics or probability. The candidate's research should enhance the department's existing strengths in these areas. A candidate with a specialty in probability should be capable of teaching advanced courses in statistics. A successful candidate will demonstrate both outstanding research and teaching potential.

The College of Arts and Sciences at Lehigh is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.

As part of their application, candidates should submit:

(a) an AMS cover sheet

(b) a complete vita, including a list of publications

(c) a research plan

(d) a statement of teaching philosophy

(e) at least four letters of recommendation, at least one of which addresses the candidate's teaching.

Applications received by November 15, 2007 will be assured of full consideration. Application materials should be sent to:

Statistics Hiring Committee
Department of Mathematics #14
Lehigh University
Bethlehem, PA 18015-3174

Lehigh University is an Equal Opportunity Affirmative Action Employer. Lehigh University provides comprehensive benefits including partner benefits.

For more information about the position or institution:
http://www.lehigh.edu/~math

USA: South Carolina

Clemson University

The Department of Mathematical Sciences at Clemson University invites applications for tenure-track faculty positions for Fall 2008. The Department includes the areas of algebra and discrete mathematics; analysis; bioinformatics, computational mathematics; mathematics education; operations research; and probability and statistics. Targeted recruiting is for the assistant professor rank, but applicants for all ranks will be considered.

Desirable attributes for candidates include an interdisciplinary research orientation in the mathematical sciences; post-doctoral, industrial, or practical experience; collaborative possibilities with faculty members in the Department and related disciplines; and an interest in innovative applications. Candidates should have strong potential or demonstrated capability for effective research and teaching in probability and statistics. An earned doctorate or equivalent is required for the tenure track positions.

Review of applications will begin on November 1, 2007 and will continue until the positions are filled. Applications received by December 1, 2007 will receive full consideration. Applicants should indicate their research specialties and interests in their cover letter. Vita, three reference letters, teaching statement and research statement should be electronically filed at www.mathjobs.org.

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

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

http://www.imstat.org/jobs

USA: South Carolina

University of South Carolina
Department of Statistics
Open Rank Positions

The Department of Statistics at the University of South Carolina invites applications for three faculty positions, one at the rank of Assistant Professor and two at open rank. Applicants for senior positions should have an established and outstanding research record and evidence of teaching excellence at the undergraduate and graduate levels. Applicants for junior positions should show strong evidence of potential for excellence.

Though all specialty areas will be considered, one position is expected to be filled by a candidate with strength in probability and stochastic processes, and a second by a candidate with strength in bioinformatics / statistical genetics. Applicants with expertise in industrial reliability or time series / econometrics are also particularly encouraged to apply.

The Department currently consists of twelve tenured/tenure-track faculty and three full-time instructors. Current research interests of the faculty include nonparametric and semiparametric statistics, reliability and survival analysis, probability and stochastic processes, psychometrics and educational measurement, simultaneous inference, mixed models, environmetrics, and statistics education. More information about the University and the Department may be obtained from www.sc.edu and www.stat.sc.edu.

Appointments will commence August 2008. Review of senior applications will begin immediately; for full consideration at any level, applications must be received by December 31, 2007. Resume and at least three letters of reference are required. Inquiries may be directed to:

Professor Edsel Pena **e** pena@stat.sc.edu
Faculty Search Committee
Department of Statistics
University of South Carolina
Columbia, SC 29208

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.

USA: Texas

Faculty Positions
Department of Statistics
Texas A&M University

The Department of Statistics at Texas A&M University anticipates multiple tenure track openings starting 9/08. Rank and salary are open. A PhD/DSc degree or the completion of all requirements for the degree prior to beginning employment is required. Successful candidates are expected to have a strong commitment to research and teaching. The department has a strong tradition of theoretical and interdisciplinary research. Current faculty members actively collaborate with colleagues in the Colleges of Science, Agriculture and Life Sciences, Engineering, Geosciences, Veterinary Medicine, Medicine, Public Health, as well as the Faculties of Genetics, Nutrition and Toxicology. Excellent computing facilities are available and highly competitive startup funding is anticipated.

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

In addition, an aggressive faculty hiring program during the next several years will enable the University to be particularly responsive to the needs of dual career couples.

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

Faculty Search Committee
Department of Statistics
Texas A&M University
3143 TAMU
College Station, TX 77843-3143

Evaluation of applications will begin November 15, 2007. Applications will continue to be accepted until the positions are filled.

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

USA: Utah

University of Utah

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

Full-time tenure-track or tenured appointments at the level of assistant, associate, or full professor.

Special consideration will be given to candidates in the area of statistics.

Three-year Scott, Wylie, Burgess & VIGRE Assistant Professorships, depending on funding availability.

IGERT and RTG Postdoctoral Fellowships.

IGERT fellowship applicants should have a background in Mathematical Biology; while RTG fellowship applicants should have a background in applied and computational mathematics and have interests in working in mathematical biology. These postdoctoral fellowships are 3-year positions.

See www.math.utah.edu/research/mathbio/opportunities.html.

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

The University of Utah is an Equal Opportunity, Affirmative Action Employer and encourages applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students.

USA: Virginia

ASA Seeks Director of Science Policy

The American Statistical Association is seeking a director of science policy to begin in January 2008. The ideal candidate will be a member in good standing with the ASA and have an advanced degree in statistics with expertise in science policy and/or public policy. Major responsibilities of the director of science policy include executing plans designed to increase the participation and visibility of the statistical profession and the ASA in science policy discussions at the national and international levels; promoting the use and appreciation of sound statistical methods in the collection and analysis of the data on which decisions are based; and working with decision-makers to help the statistical sciences receive an appropriate share of public funds devoted to scientific research and education.

Qualifications:

- An advanced degree in statistics is preferred with expertise in science policy and/or public policy; a member in good standing of the ASA
- Experience working for or with government agencies, congress and their staffs, congressional committees, and regulatory and executive branch officials
- Not-for-profit project management experience working with a diverse group of volunteers
- Demonstrated ability to effectively manage multiple processes and projects
- Excellent interpersonal skills and oral and written communication skills
- Working knowledge of and demonstrated ability in government operations pertaining to science and/or public policy development

Applications:

Individuals interested in this opportunity should send a cover letter, résumé, salary history, and the names of at least three business references to *Human Resources, Re: Science Policy, American Statistical Association, 732 North Washington Street, Alexandria, VA 22314-1943* or by email to lynn@amstat.org.

ASA is within walking distance of the Braddock Road Metro Station and offers excellent benefits, including medical, dental, and vision insurance; 401k with employer match; flexible 37.5-hour work week; and free parking or subsidized public transportation.

Salary is commensurate with qualifications and experience. All inquiries will be held in strict confidence. The ASA is an Equal Opportunity Employer.

USA: Washington

Fred Hutchinson Cancer Research Center
Postdoctoral Research Fellow
#KSW-21101

FRED HUTCHINSON CANCER RESEARCH CENTER
A LIFE OF SCIENCE

Fred Hutchinson Cancer Research Center, home of three Nobel laureates, is an independent, nonprofit research institution dedicated to the development and advancement of biomedical research to eliminate cancer and other potentially fatal diseases. Recognized internationally for its pioneering work in bone-marrow transplantation, the Center's four scientific divisions collaborate to form a unique environment for conducting basic and applied science. The Hutchinson Center, in collaboration with its clinical and research partners, the University of Washington and Children's Hospital and Regional Medical Center, is the only National Cancer Institute-designated comprehensive cancer center in the Pacific Northwest. Join us and make a difference.

The Vaccine and Infectious Disease Institute (VIDI) seeks a qualified statistician for a one-to-two year postdoctoral position focusing on problems related to statistical methods in HIV/AIDS research. One such problem involves the characterization of neutralization sensitivity and genotype-phenotype correlation.

A PhD in statistics, biostatistics, or a related field, such as probability and statistics or applied mathematics is required. Successful candidates should have strong statistical computation and programming skills, be experienced in R or S-plus, FORTRAN, and/or SAS. Experience with Matlab programming, proficiency in statistical theories and their applications—preferably with experience in one or more of the areas, such as multivariate/longitudinal data analysis, high dimensional data analysis, and survival analysis—is highly desirable. The candidate should also excel in the ability to take initiative and offer creative input.

This is a full time position. The salary is based on the NIH scale; we offer excellent benefits.

To apply for this position, please send cover letter, curriculum vitae, three letters of recommendation, and manuscript/writing samples to:

Helen Pagal
Statistical Center for HIV/AIDS Research & Prevention (SCHARP)
Fred Hutchinson Cancer Research Center
1100 Fairview Avenue N, LE-400
P.O. Box 19024
Seattle, WA 98109-1024

e helen@scharp.org

The Fred Hutchinson Cancer Research Center and the Seattle Cancer Care Alliance are equal opportunity employers, committed to workforce diversity.

International Calendar of Statistical Events

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

October 2007

October 19–20: Northwestern University, Evanston, Illinois. **Twenty-ninth Midwest Probability Colloquium.** **w** www.math.northwestern.edu/conferences

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

October 22–24: Beijing, China. **Fourth International Conference on Agricultural Statistics (ICAS-4).** **w** http://www.stats.gov.cn/english/icas/

NEW October 26–27: Cambridge, MA. **Harvard University Statistics Department 50th Anniversary Celebration & Symposium** **w** http://www.stat.harvard.edu/anniversary/index.html

November 2007

November 7–9: Bristol, UK. **Modern challenges of curve modelling: inverse problems and qualitative constraints.** Contact Aurore Delaigle **e** aurore.delaigle@bristol.ac.uk **w** http://www.sustain.bris.ac.uk/ws-curves.html

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

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

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

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

December 2007

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

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

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

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

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

January 2008

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

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

Continues on **page 44**

International Calendar *continued*

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

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

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

NEW January 31 – February 1: Rennes, France. **6th Workshop: Statistical methods for post-genomic data** (Atelier: Méthodes statistiques pour données post-génomiques). Contact David Causeur, Agrocampus Rennes **e** david.causeur@agrocampus-rennes.fr
w http://www.agrocampus-rennes.fr/math/SMPGD08/

March 2008

March 4–7: Aachen, Germany. **8th German Open Conference on Probability and Statistics** ("**Aachener Stochastik-Tage 2008**"). Contact Christine Müller, University of Kassel **e** gocps2008@stochastik.rwth-aachen.de **w** http://gocps2008.rwth-aachen.de

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

April 2008

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

May 2008

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

June 2008

June 8–11: Protaras, Cyprus. **International Workshop on Recent Advances in Time Series Analysis.**
IMS Rep: Rainer von Sachs, UC Louvain, Belgium.
w www.ucy.ac.cy/~rats2008/

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

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

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

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

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

July 2008

NEW July 1–4: Prague, Czech Republic. **ISBIS-2008:** Interna-

tional Society of Business and Industrial Statistics. Milena Zeithamlova **e** milena@action-m.com **w** http://www.action-m.com/isbis2008

ims July 7–10: University of Technology of Compiegne, France. **IWAP2008: International Workshop on Applied Probability.** Contact: N. Limnios **e** nikolaos.limnios@utc.fr and J. Glaz **e** joseph.glaz@uconn.edu **w** http://www.lmac.utc.fr/IWAP2008/

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

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

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

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

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

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

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

August 2008

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

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

March 2009

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

July 2009

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

August 2009

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

August 2010

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

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

July 2011

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

July 2012

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

http://www.imstat.org/meetings

LNMS

LECTURE NOTES – MONOGRAPH SERIES

LNMS Volume 54:

Complex Datasets and Inverse Problems: Tomography, Networks and Beyond

Regina Liu, William Strawderman, Cun-Hui Zhang, Editors

This book is a collection of papers dedicated to the memory of Yehuda Vardi. Yehuda was the chair of the Department of Statistics of Rutgers University when he passed away unexpectedly on January 13, 2005. On October 21–22, 2005, some 150 leading scholars from many different fields, including statistics, telecommunications, biomedical engineering, bioinformatics, biostatistics and epidemiology, gathered at Rutgers for a conference in his honor. This conference was on "Complex Datasets and Inverse Problems: Tomography, Networks, and Beyond," and was organized by the editors. The present collection includes research work presented at the conference, as well as contributions from Yehuda's colleagues. The theme of the conference was networks and other important and emerging areas of research involving incomplete data and statistical inverse problems.

Yehuda Vardi

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t (301) 634-7029 f (301) 634-7099 e staff@imstat.org

Membership and Subscription Information

Journals:
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Issue	Deadline for Advertisement	Online by	Scheduled Mail Date
1: January/February	***December 1***	December 15	January 1
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4: May	***April 1***	April 15	May 1
5: June	***May 1***	May 15	June 1
6: July	***June 1***	June 15	July 1
7: August/September	***July 1***	July 15	August 1
8: October	***September 1***	September 15	October 1
9: November	***October 1***	October 15	November 1
10: December	***November 1***	November 15	December 1

in the **next** issue

November 2007

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

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

DEADLINE for submissions

October 1, 2007

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

The purpose of the Institute is to foster the development and dissemination of the theory and applications of statistics and probability

IMS: Organized September 12, 1935

Kakuro corner

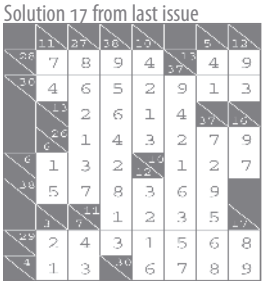
How to play: Place single digits (1 to 9 inclusive) in the white boxes in the grid. The row or column of digits which make up a sequence must add up to the black box to the left or at the top. Each digit in a sequence must be different. In the example below, the first row sequence is to make 8:

No repeated digits in a sequence.

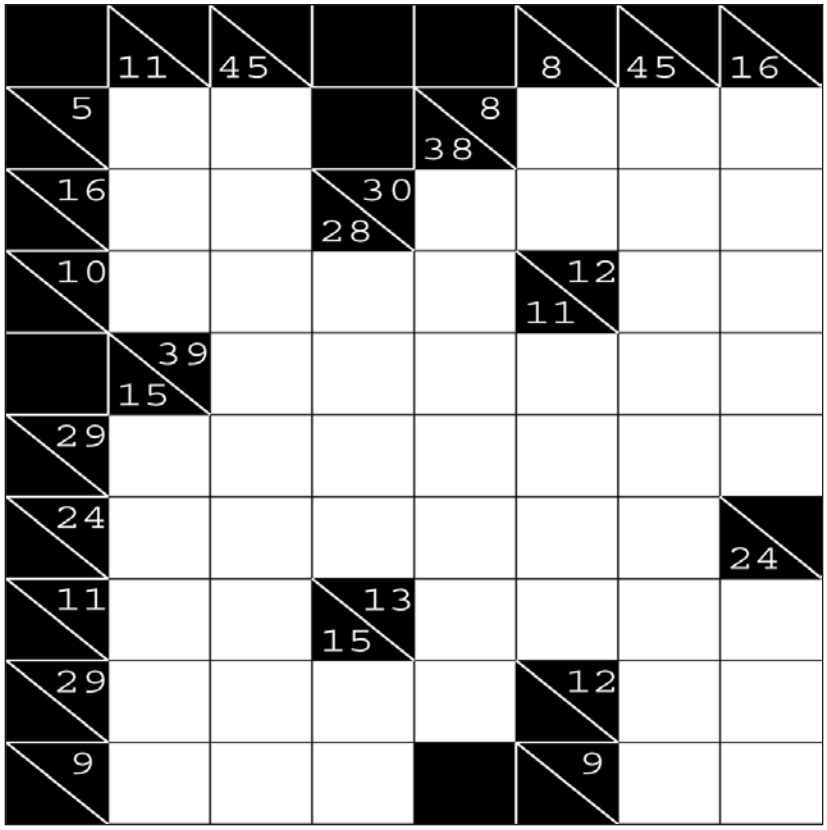
This row sequence doesn't add up to 8.

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

Solution 17 from last issue



Puzzle 18



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