Volume 38 • Issue 9

IMS Bulletin

November 2009

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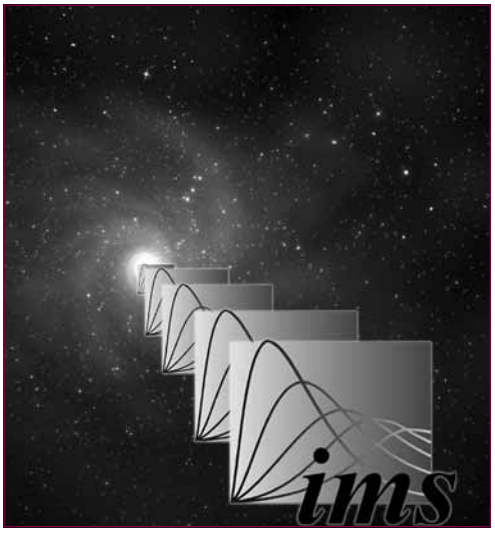
Looking back over (nearly) 75 years



The Institute of Mathematical Statistics was officially established, at a meeting in Ann Arbor, Michigan, in September 1935. That makes 2010 our 75th anniversary year—our diamond anniversary, according to many sources. To mark the occasion, we're planning a series of interviews with some of our longer-standing members, to mine their memories for gems. We are interested in hearing from members who may have been with the IMS from near its beginning, or who may have any interesting anecdotes to share. Do get in touch: you can email us at bulletin@imstat.org

More birthday celebrations: the University of Michigan at Ann Arbor, site of the IMS's founding, is celebrating 40 years since the founding of its own Department of Statistics. Vijay Nair, who is currently serving as department chair, writes about the history of that department on page 8.

Harry C. Carver started Michigan's statistics program—it was one of the first American universities to offer academic programs in mathematical statistics—and he also founded (and funded) the new journal, *The Annals of Mathematical Statistics* in 1933, later adopted by IMS, and subsequently split into *The Annals of Statistics* and *The Annals of Probability*. Since he was instrumental in the founding of the Institute of Mathematical Statistics, the Carver Medal award was created in his honor a few years ago, for which nominations are now being sought. The medal is for exceptional service specifically to the IMS and is open to any member of the IMS who has not previously been elected President. The medal will be awarded at a ceremony during the next IMS Annual Meeting, in Gothenburg, Sweden. See the call for nominations on page 7, and details at www.imstat.org/awards/carver.html.

IMS@75

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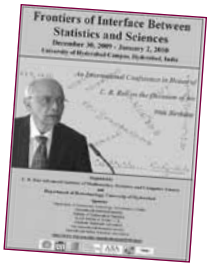
IMS members' news

C.R. Rao elected to European Academy of Sciences

Professor Calyampudi Radhakrishna Rao, emeritus professor at Penn State University, has been elected an honorary member of the European Academy of Sciences. C.R. Rao is among the world leaders in statistical science over the last six decades. His research, scholarship, and professional services have had a profound influence on theory and applications of statistics.

Rao is the author of 14 books and 350 research publications. Rao received the ScD, the senior doctorate degree of Cambridge University, based on a peer review of his published research work. He has received 32 honorary doctorate degrees from universities in 18 countries spanning six continents. He has supervised the research work of 50 PhD students, who in turn produced 390 PhDs.



Rao, who will turn 90 next year, will be honored at a special IMS co-sponsored conference in Hyderabad, India, from December 30, 2009, to January 2, 2010. The conference poster (right) is on page 20, and full details are available from the conference website, http://www.stat.osu.edu/~hnn/hydstatconf2010.html

One other piece of good news for Professor Rao has been announced: a road in India is to be named after him. The road, near the International Institute of Information Technology, Hyderabad, will be renamed "Prof. C.R. Rao Road" in recognition of services rendered.

Blaise Pascal Medal awarded to Thomas Kailath

The European Academy of Sciences established the Blaise Pascal Medal in 2003 to recognise an outstanding and demonstrated personal contribution to science and technology and the promotion of excellence in research and education. It has awarded the 2009 Blaise Pascal Medal in Information and Computer Science to IMS Fellow Professor Thomas Kailath, *"In recognition of his outstanding contributions to many fields of engineering and mathematics, for a stellar array of nearly one hundred doctoral and postdoctoral scholars he has mentored during his remarkable career at Stanford University (where he was appointed as an Associate Professor in 1963, just 18 months after being the first Indian to receiving a doctorate in electrical engineering from MIT), for successfully transitioning theoretical advances to industry through the over twenty companies in Silicon Valley founded by his students, in several cases with him as a cofounder. In 2006, Kailath was inducted into the Silicon Valley Engineering Hall of Fame, which celebrates 'the accomplishments of engineers in Silicon Valley who have demonstrated outstanding professional achievement and have made significant contributions to the Silicon Valley community.' It includes legendary figures such as Terman, Hewlett, Packard, Noyce, Moore, Ted Hoff (inventor of the microprocessor), and Steve Wozniak."* More information about the European Academy of Sciences at http://www.eurasc.org/medals/pb_medals.asp

ASA Founders Awards

The American Statistical Association has awarded five 2009 Founders Awards — given to ASA members who have rendered distinguished service to the association — to Stephen Fienberg, Carnegie Mellon University, Bob Rodriguez, SAS Institute, W. Robert Stephenson, Iowa State University, Jessica Utts, University of California, Irvine. Also selected was June Morita, University of Washington.

BellKor's Pragmatic Chaos win Netflix $1 Million Prize

Congratulations to IMS members Chris Volinsky and Bob Bell *[right]* from AT&T, who are part of the team that won the $1 Million Grand Prize in the Netflix Prize contest. In a nail-biting finish, they scooped the prize from their closest rival team, The Ensemble—effectively winning by a mere 24 minutes, at the end of a three-year competition. They won the prize for devising the best way for Netflix to improve its movie recommendation algorithm, which generates an average of 30 billion predictions per day, by ten percent or greater.

Bob Bell and Chris Volinsky were part of team BellKor's Pragmatic Chaos. They achieved the winning RMSE of 0.8567 on the test subset. This represents a 10.06% improvement over Cinematch's score on the test subset at the start of the contest.

The seven members of the BellKor's Pragmatic Chaos team met in person for the first time at the ceremony in New York City on September 21, 2009, where they received their million dollar check and a gold medal. The team consisted of Bob Bell, Martin Chabbert, Michael Jahrer, Yehuda Koren, Martin Piotte, Andreas Töscher and Chris Volinsky—who are statisticians, machine learning experts, and computer engineers. The team's website is at http://www.research.att.com/~volinsky/netflix/bpc.html

Chris Volinsky considered what contest had taught him about himself. He said that he had learned "a lesson I've learned before—that 'standing on the shoulders of giants' is a good strategy! I was extremely fortunate to benefit from really smart colleagues and teammates, and also from smart people who have published papers on this topic in the past. Research is a cumulative endeavor, and we definitely had a good foundation of existing research to build upon."

As with many great movies (and some so-so ones), there will be a sequel. Reed Hastings, Netflix CEO, announced the *next* competition at the prize ceremony, which will use demographic data as a base on which to build predictions. Interested in winning a share of the $1 million pot? See http://www.netflixprize.com. Good luck!

Netflix prize winners [L-R] Yehuda Koren, Martin Chabbert, Martin Piotte, Michael Jahrer, Andreas Töscher, Chris Volinsky and Bob Bell, receiving their, er, "big" Netflix $1 million prize

Eliot Van Buskirk/Wired.com

IMS Editors

IMS Journals and Publications

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

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

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

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

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

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

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

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

IMS Co-sponsored Journals and Publications

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

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

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

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

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

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

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

IMS Supported Journals

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

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

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

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

IMS Affiliated Journals

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

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

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Members' Discoveries: Doob memorial issue

Ofer Zeitouni is editor of the *Annals of Probability*. He writes:

The September 2009 issue (volume 37, number 5) of the *Annals of Probability* is dedicated to the memory of Joseph Leo Doob (1910–2004), a giant of twentieth-century probability.

It contains two articles, written by Ronald Getoor and by Marc Yor, describing Doob's work and influence across the heart of modern probability theory. In particular, Getoor's article describes Doob's contribution to the foundations of continuous-parameter stochastic processes, and to probabilistic potential theory, while Yor's article is a broad appreciation of the manner in which Doob's work has influenced recent and past developments in stochastic analysis. Both provide for fascinating reading, especially for those interested in understanding how the foundations of our field have been formed.

Memorial issues are approved by the IMS council. Several other such issues are now in production. Further details will appear in subsequent issues of the *IMS Bulletin*.

The issue is available to read online (free, of course, for all IMS members) at http://projecteuclid.org/aop

Joe Doob [r] received the US National Medal of Science in 1979 from President Jimmy Carter

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Upper bound on the disconnection time of discrete cylinders and random interlacements
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On the irrelevant disorder regime of pinning models
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The stability of conditional Markov processes and Markov chains in random environments . . . . . Ramon van Handel 1876
Quasi-stationary distributions and diffusion models in population dynamics
Patrick Cattiaux, Pierre Collet, Amaury Lambert, Servet Martínez, Sylvie Méléard and Jaime San Martín 1926
The oriented swap process . . . . . Omer Angel, Alexander Holroyd and Dan Romik 1970
Regenerative tree growth: Binary self-similar continuum random trees and Poisson–Dirichlet compositions . . . . . Jim Pitman and Matthias Winkel 1999
Stationary max-stable fields associated to negative definite functions
Zakhar Kabluchko, Martin Schlather and Laurens de Haan 2042
Small deviations of general Lévy processes . . . . . Frank Aurzada and Steffen Dereich 2066

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NISS News

Alan Karr, the director of NISS, wrote in the Autumn 2009 NISS newsletter, *Parameters*:

This fall at NISS (and SAMSI) is the most exciting in memory—even more so than last fall's completion of the building addition!

Thanks especially to the efforts of associate director Nell Sedransk, our research program is thriving. With two new postdocs, the NCI-funded CPTAC project is running at full speed. The NISS-NASS joint research program, with its three new postdocs, is producing results more rapidly than anyone expected. And the NSF/DTRA-funded syndromic surveillance project, which supports one new postdoc, is off to a productive start *[see below]*. We continue to conduct major efforts for the National Center for Education Statistics, addressing issues ranging from maps and graphics to projections of educational statistics to nonresponse bias to postsecondary access and choice. We are even back into transportation, as part of a multiorganization effort led by North Carolina State University, entitled Establishing Monitoring Programs for Travel Time Reliability. Multiple proposals and other initiatives are under development as well.

Quite literally, the building is abuzz with activity. Thanks to an infusion of funds from the NSF, SAMSI has sixteen resident postdocs, who combined with our six, constitute the largest statistics/applied math postdoc community in the country. There is also a record number of SAMSI visitors, and, in fact, both the old and new buildings are full!

In 2010, we will celebrate the 20th anniversary of the formation of NISS and the 10th anniversary of creation of the affiliates program. The numerological coincidence is, of course, irresistible, and we are starting now to plan how to recognize these two milestones in the evolution of NISS. Any and all ideas are welcome!

See http://www.niss.org/news/newsletter/niss-parameters-autumn-2009 for the full newsletter

NISS to work on Syndromic Surveillance Project for NSF and DTRA

The National Science Foundation (NSF) and the Defense Threat Reduction Agency (DTRA) have awarded $664,019 to the National Institute of Statistical Sciences (NISS) for collaborative research to develop Bayesian methods for syndromic surveillance. The research focuses on use of conditionally auto regressive (CAR) models to provide quantified estimates of the probability that a disease is present in a particular location, on characterization of associated uncertainties, and on computational implementation at a nation-wide scale.

The NISS project is one of ten supported by NSF and DTRA under a jointly funded program entitled Algorithms for Threat Detection (ATD). Collaborative awards were also given to Clemson University, the University of Georgia and the University of South Carolina to work on the project.

According to the Centers for Disease Control and Prevention (CDC), syndromic surveillance uses health-related data, such as hospital emergency room reports, that precede diagnosis and signal a sufficient probability of a case or an outbreak to warrant further public health response. This method is also now used by public health officials to detect outbreaks associated with natural causes or bioterrorism.

The research that will be conducted will help DTRA to develop technology for controlling and reducing the threat from biological and chemical attack. If a biological attack were made in the United States, early detection would also save millions of lives. The results will also help with earlier detection of new diseases. By identifying a disease early, such as avian flu, or the next strain of H1N1, for example, health officials can help thwart the onset of a pandemic.

Researchers will also look at the intellectual issues such as scalability, complex dependences in the data, covariates, temporal and spatial variations, low quality data and how to minimize false positives.

The principal investigators involved in the research include: Alan F. Karr, Director of NISS, David Banks, Professor of Statistical Science at Duke University, Gauri Datta, Professor of Statistics at University of Georgia, James Lynch, Professor of Statistics at the University of South Carolina, and Francisco Vera, Assistant Professor of Mathematical Sciences at Clemson University. Vera was also a joint postdoctoral fellow at NISS and the Statistical and Applied Mathematical Sciences Institute (SAMSI) in 2005–06, during which period he participated in the SAMSI program on National Defense and Homeland Security and NISS research on data confidentiality. Frank Zou, a postdoctoral fellow at NISS, is also a member of the project team.

Annual Survey report

Nicole Lazar writes: The Annual Survey of the Mathematical Sciences in the United States is directed by a joint committee of the AMS, ASA, IMS, MAA and SIAM. The 2008 Annual Survey represents the fifty-second in an annual series begun in 1957 by the American Mathematical Society. The 2008 Annual Survey Second Report has been published in the *Notices of the American Mathematical Society*. The report updates the first report with additional data (143 additional new PhD recipients in 2007–2008), as well as providing information from a survey of the new PhD recipients. Some highlights are shown below.

Full copies of all reports published since 1996 are available at http://www.ams.org/employment/surveyreports.html.

There were 1378 new doctoral recipients in the Mathematical Sciences from US universities in 2007–08. This is the highest number of new PhDs ever reported, and continues an upward trend from the year 2001. Probability, Statistics and Biostatistics doctorates continue to form the largest group, with 434 (31%). The next largest group is Algebra and Number Theory, with 219 new PhDs.

In this summary, we focus on the new data reported from the Employment Experiences of New Doctoral Recipients (EENDR) survey. These data are not broken down by field of study, so we report on the figures as a whole, with no separate discussion for statistics.

The 1235 recipients from the first report were sent the EENDR survey in October of 2008; 557 (45%) responded. As might be expected, response rates differed according to type of employment. The highest response rate was among those employed in US academic institutions. The lowest response rate was among those employed in non-US, academic institutions (57% for the former versus 20% for the latter). The percentage of individuals taking permanent positions fell from 53% in 2007 to 49% in 2008; interestingly, the proportion taking temporary jobs also decreased from 47% in 2007 to 45% in Fall 2008. Of the 222 in temporary jobs, 74 (33%) reported that they could not find a suitable permanent position. This is down from 39% in 2007. Most of the temporary positions were classified by respondents as postdoctoral.

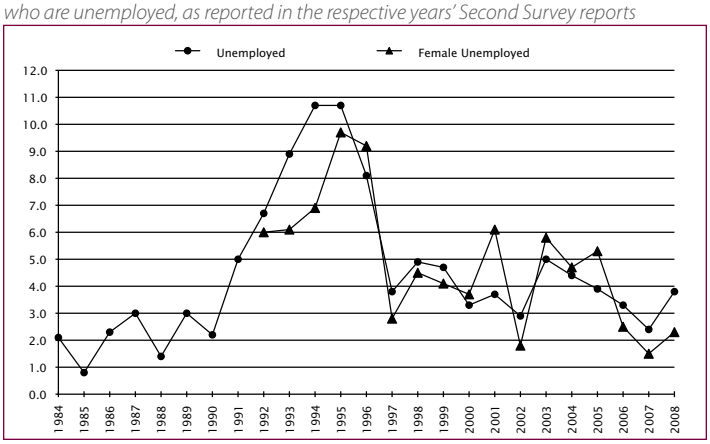
Among those employed in the US in permanent positions, the percentages employed in academic positions continued to decline, from a high of 72% in Fall 2004 to just 63% in Fall 2008. Among those with permanent positions the proportion in business, industry and government therefore continued to rise, from 28% in Fall 2004, to 37% in Fall 2008. Of the 222 individuals with temporary employment in the US, 95% this year were in academia, slightly higher than last year's figure.

Women held 37% of the permanent positions.

The final unemployment rate for 2007–2008 recipients was 3.8%. This was an increase over last year, in which the final unemployment rate was just 2.4% (the lowest reported value since the early 1990s).

The median age of new doctoral recipients was 30 years, while the mean was 32 years, in line with the findings from previous years.

Figure 1 from the 2008 Second Survey shows the percentage of new doctoral recipients who are unemployed, as reported in the respective years' Second Survey reports



Some data from Table 2A: Fall 2008 Employment Status of 2007–08 Doctoral Recipients by Field of Thesis [Groups I–V defined at www.ams.org/employment/groups_des.html]

		Probability	Statistics/Biostatistics
Group I (Public)		4	0
Group I (Private)		6	3
Group II		2	3
Group III		2	9
Group IV		2	39
Group Va		0	0
Master's		1	13
Bachelor's		3	13
Two-Year College		0	1
Other Academic Dept		2	64
Research Institute/Nonprofit		2	16
Government		1	24
Business and Industry		21	111
Non-U.S. Academic		5	17
Non-U.S. Nonacademic		2	8
Not Seeking Employment		0	4
Still Seeking Employment		2	6
Unknown (U.S.)		3	25
Unknown (non-U.S.)		3	17
TOTAL		61	373
Column	Male	54	182
Subtotals	Female	7	191

Calls for nominations

Tweedie New Researcher Award

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

Deadline: December 1, 2009

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 to present the Tweedie New Researcher Invited Lecture at the 13th Meeting of New Researchers in Statistics and Probability, held immediately before JSM 2010 in Vancouver, Canada.

IMS Fellowship nomination

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

Deadline: January 31, 2010

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

(1) a candidate of well-established leadership whose contributions to the field of statistics or probability other than original research shall be judged of equal value; or

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

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

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

Harry C Carver Medal

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

Deadline: February 1, 2010

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

The medal will be awarded at a ceremony during the next IMS Annual Meeting in Gothenburg, Sweden.

IMS Laha Travel Awards

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

Deadline: February 1, 2010

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

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

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

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

IMS dues: renew and save

Renewing your IMS membership before the end of the year saves the institute money, and we pass that saving back to you in the form of a discount on your dues. (Students can still join IMS for free!) While you are renewing at https://www.imstat.org/secure/orders/IndMember.asp, you might consider the following joint society memberships:

Bernoulli Society (BS): save 25% off your IMS and BS dues by joining/renewing both organizations at the same time. (Elected ISI members also save 25%: see http://isi.cbs.nl/Bern_IMS_ISI-form.asp)

INFORMS/Applied Probability Society (INFORMS/APS): $10

International Society for Bayesian Analysis (ISBA): $26

Sociedad Latino Americana de Probabilidad y Estadistica Matematica (SLAPEM): $10

Michigan Statistics Department at 40

Vijay Nair is currently Chair of the University of Michigan's Department of Statistics, which has just turned 40. He writes:

The Department of Statistics at the University of Michigan was 40 years old in September 2009. We celebrated the occasion with a reception at the Joint Statistical Meetings in Washington DC and a half-day symposium in Ann Arbor on September 25, 2009. The symposium featured three speakers: Peter Bickel (professor at the University of California, Berkeley and mentor to many faculty members in the department), Julian Faraway (professor at the University of Bath, England and former member of our faculty), and Wei-Biao Wu (professor at the University of Chicago and department alumnus).

Even though the department is relatively young, statistics at Michigan has a long history and tradition, dating back to the early 1900s. The first course covering mathematical statistics was offered in 1902–03 by Professor James W. Glover, and the first course devoted exclusively to statistical theory was taught, also by Professor Glover, in 1912. The University of Michigan was one of the first two American universities (along with University of Iowa) to offer academic programs in mathematical statistics.

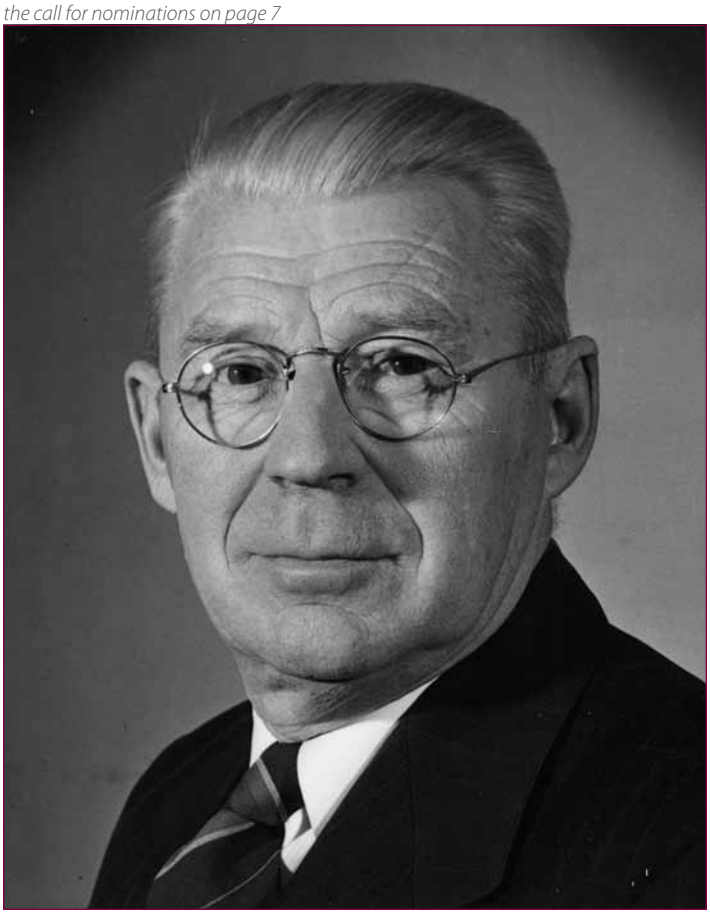
Harry C. Carver, who started the program, also founded a new journal called *The Annals of Mathematical Statistics* in 1930. The journal was edited at the University of Michigan until 1938. Professor Carver also played a major role in creating the Institute of Mathematical Statistics, which was founded at a meeting in Ann Arbor in September of 1935.

Others with interests in statistics and probability at Michigan in the early days included: Cecil Craig (1931–67), Paul Dwyer (1937–71), Donald Darling (1949–69), Paul Halmős (1961–69), Leslie Kish 1947–81), Herbert Robbins (1967–71), and L. J. Savage (1960–65). Several well-known figures, such as L. J. Savage, Howard Raiffa, Frank Spitzer, G. P. Patil, and Erhan Çinlar, earned their PhDs at Michigan before the department was founded.

During the 1950s and 1960s, an increasing number of universities in the US began establishing separate departments of statistics. After a period of discussion, the statistics faculty in the Department of Mathematics reached an agreement with the administration in spring of 1968, and the Department of Statistics was founded within the College of Literature, Science & the Arts (LS&A) in September 1969. At the time, there were about ten faculty members. Bill Ericson was the first Chair, and other founding members included Bruce Hill and Michael Woodroofe (pictured opposite). The department was located in Mason Hall, its home for the next 30 years.

The educational programs grew substantially during the period 1969–76. The graduate program was developed, and many new graduate courses were introduced. The first Masters degree was awarded in 1971 and the first PhD in 1972. Between 1969 and 1976, 13 students received their PhDs, while about 50 earned their Masters degrees. Popular courses in applied statistics were also developed during this time.

Professor Harry C. Carver served on the faculty at Michigan from 1916–1960. He was instrumental in founding the IMS, and in his honor the IMS Carver Medal is named: see the call for nominations on page 7

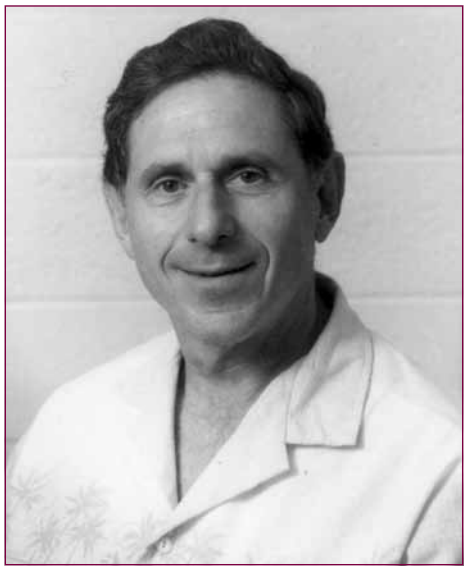


Since the late 1970s the department has had primary responsibility for teaching undergraduate statistics courses within the College of LS&A. Since that time, the department has developed and offered many new introductory service courses; one of these currently has enrollments of about 1,600 students per semester. The department has also developed and offered courses jointly with other departments including Biostatistics, Bioinformatics, Economics, Industrial & Operations Engineering, Mathematics, and Philosophy.

The undergraduate concentration program in Statistics was established in 1977. A new Masters degree in Applied Statistics was created in 1985. There is also a Masters in Statistics tailored to PhD students enrolled in another program at Michigan. Two undergraduate minors programs, in Applied Statistics and in Statistics, were started in 1999. A new interdisciplinary undergraduate program in Informatics, joint with the Computer Science & Engineering Department and the School of Engineering, was started in fall of 2008 (http://www.informatics.umich.edu/). It is housed in the Statistics Department.

Since the inception of these programs, 130 students have graduated with PhDs, 202 students with Applied Masters degrees, and 353 with their (dual-degree) Masters. In addition, 360 undergraduate students have majored in Statistics, and 220 undergraduates have received their Minors since 1999.

As of fall 2009, we will have 18 tenured and tenure-track faculty members as well as several other faculty with courtesy appointments. Two new faculty members are joining in fall 2009: Naisyin Wang who will be joining as Professor and Long Nguyen who will be joining as Assistant Professor. Due to growing teaching needs, the department also uses five or six teaching faculty members.



Two of the founding members of the department, who are also IMS Fellows: Bruce Hill [above], retired in 1998, and Michael Woodroofe [below], Chair 1977–83, retired in 2008

Ann Arbor's West Hall [below] is the present home of the Department of Statistics at the University of Michigan

Faculty research interests cover a broad range of areas in statistical theory, methodology, computing and applications. Our faculty members have joint appointments in Biostatistics, Center for Statistical Consultation and Research, Electrical Engineering and Computer Science, Industrial & Operations Engineering, Institute for Social Research, Political Science, Psychiatry, Psychology, and Sociology.

The following have served as department Chairs: Bill Ericson (1969–77); Michael Woodroofe (1977–83); Ed Rothman (1983–89); Robb Muirhead (1989–95); Jeff Wu (1995–98); Vijay Nair (1998–2003); Julian Faraway (2003–04); and Vijay Nair (2004–present).

Several other departments also have academic programs related to statistics at Michigan: the Biostatistics Department in the School of Public Health, the Survey Methodology Program at the Institute for Social Research, and the Applied Statistics and Quality Engineering track in the Department of Industrial & Operations Engineering. Research in statistical methodology and applications of statistics is conducted at many academic and research units across campus, including our world-famous Institute for Social Research.

For further reading, see Cecil C. Craig's 1986 article, "Early Days in Statistics at Michigan," in *Statistical Science*, 1, 292–293; and Bill Ericson's article in the *University of Michigan Department of Statistics Newsletter* in 1992, "A Brief History of the Department of Statistics, Part 1: Roots and Early Years (1969-77)."

Obituary: Erich Lehmann

1917–2009

UC Berkeley Department of Statistics

Erich Lehmann at the signing of his autobiography

Professor Erich Lehmann, a major figure in the field of statistics, died on September 12, 2009, at the age of 91. Lehmann, who taught in Berkeley's Statistics Department, touched the lives of many people in statistics and beyond. He was a leading figure in the second generation of statisticians, following the establishment of the modern field by Neyman, Fisher and Wald, in the period from the end of the First World War to shortly after the end of the Second World War. As is usual after a period of explosive innovation, confusion reigned. It was Lehmann's great talent to clear the fog and build a coherent theoretical structure. This was reflected in his great books, *Testing Statistical Hypotheses* (1959) and *Theory of Point Estimation* (1983), which were the centerpieces of graduate statistical education for most of the last half of the century, and have been translated into many languages. The books also added considerably to these theoretical structures, and his research advanced many other areas of theoretical statistics, including among many others: concepts of dependence, starting a whole new literature; concepts of unbiasedness, again leading to a new literature; rank-based nonparametric methods, in a series of papers, many in collaboration with Joseph Hodges, Jr., with some surprising results; and illuminations of historical issues in statistical theory.

Lehmann achieved all the major honors awarded in the field and beyond: the prestigious Wald and Fisher lectureships, the presidency of the Institute of Mathematical Statistics and the editorship of its main journal, *The Annals of Mathematical Statistics*. He was granted a remarkable three Guggenheim Fellowships in 1955, 1966 and 1980 and was elected to the American Academy of Arts and Sciences in 1975 and to the National Academy of Sciences in 1978. The Universities of Leiden and Chicago awarded him honorary doctorates. At Berkeley he held Miller Professorships twice and served reluctantly but very effectively as Department Chair.

Lehmann, born in Strasbourg, France in 1917, was raised in Frankfurt am Main, where his family had deep roots. Fleeing the Nazis with his family in 1933, he graduated from high school in Switzerland and attended college in Cambridge, England. He enrolled in Berkeley as a graduate student in 1940 and never left, save for stints in the Air Force during World War II, when he was stationed in Guam, and leaves at Columbia, Princeton and Stanford. Obtaining his own PhD in 1946, he embarked on a teaching career that included the supervision of more than 40 doctoral students of his own, several of whom became leaders in the next generation of statisticians. This achievement was due not only to his great scientific stature but also to remarkable personal qualities. He was kind and generous of spirit, had an unusual sensitivity to the feelings of others and a great astuteness about the world, what could be achieved, and how to do it. As a consequence his impact on his students and colleagues went well beyond the scientific. They honored him with a Festschrift (1983) for his 65th birthday, a series of three Lehmann Symposia (1992, 1994, 1997), and a forthcoming volume of selected works.

In addition to his masterpieces, Lehmann published three important, less advanced texts: *Basic Concepts of Statistics* (with his longtime collaborator and friend J. L. Hodges, Jr.) *Nonparametrics: Statistics Based on Ranks*, and *Elements of Large Sample Theory*. After a second edition of his classic *Testing Statistical Hypotheses* in 1986, he recruited young collaborators for further editions of his major texts: George Casella for *Estimation* in 1998 and Joe Romano for a third edition of *Testing* in 2005. These were major revisions that brought the books back to the frontiers of research.

In his last decade he turned his energies to the history of the field in whose development he played such an important part, publishing his professional autobiography, *Reminiscences of a Statistician: The Company I Kept,* and an account of the productive rivalry between Fisher and Neyman, completed shortly before his death, to be published by Springer.

He also enjoyed a lifelong passion for literature and in retirement translated stories by favorite authors such as Adalbert Stifter and Wilhelm Raabe, seeking to give them a wider audience. At the time of his death he was working with Fritz Scholz, a former student, on a new edition of his *Nonparametrics* to be used in conjunction with the popular "R" statistical language.

He is survived by his wife, Juliet Popper Shaffer, and a loving blended family that includes his three children, Stephen, Barbara and Sophia; three step-children, Ron, Len and Tanya; eight grandchildren, and two great-grandchildren, with a third on the way.

Donations in memory of Professor Lehmann can be made at http://www.stat.berkeley.edu/52

Peter Bickel, University of California, Berkeley, and members of the Lehmann family

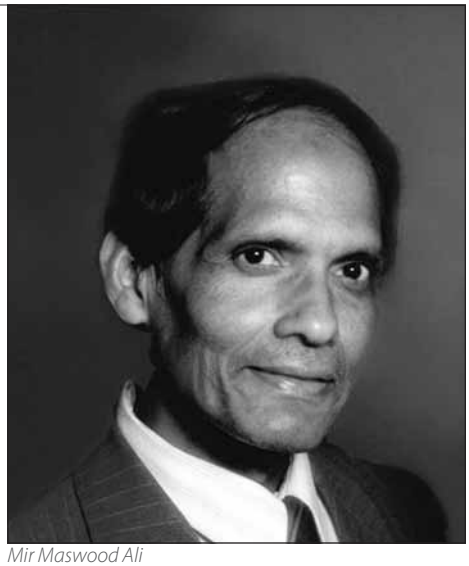
Obituary: Mir Maswood Ali

1929–2009

Mir Maswood Ali, Professor Emeritus of Statistics at the University of Western Ontario and a brilliant statistician of Bangladeshi origin, died August 18, 2009, in London, Ontario, Canada, due to pulmonary complications. He was 80. It is my great honor and privilege to write this obituary for my older brother, who was very dear to me and who had a tremendous influence on my career.

Ali received his BSc degree in Mathematics in 1948 and his MSc degree in Statistics in 1950, both from the University of Dhaka, in what is now Bangladesh. He belonged to the first batch of graduate students in statistics and had obtained first class and secured the highest mark, for which he was awarded a gold medal. He served as Lecturer in the Department of Statistics at Dhaka University from 1950 to 1952. He then worked from 1952 to 1957 as an Actuarial Assistant at Norwich Union Life and Canada Life. In 1958, he obtained a second Master's degree in Actuarial Science at the University of Michigan and worked there as a Teaching Fellow until 1959. He then went to the University of Toronto where he obtained his PhD in Statistics in 1961, under the supervision of Don Fraser after merely two years of studies. He then joined the Mathematics Department at the University of Western Ontario (UWO) in London, Ontario, Canada as assistant professor in 1961. He was the first faculty member in statistics in the department and was quickly promoted to the rank of associate professor in 1963 and to full professor in 1966 and he remained there until his retirement in 1994, when he was named Professor Emeritus.

Ali had developed the graduate and undergraduate programs in statistics in his department and he was instrumental in the creation of a separate Department of Statistics and Actuarial Sciences at UWO. He supervised 15 PhD students, a number of whom are now well-known statisticians, and 40 Master's theses. He published in leading statistical journals such as the *Annals of Mathematical Statistics*, the *Journal of the Royal Statistical Society*, the *Journal of Multivariate Analysis*, the *Pacific Journal of Mathematics*, and *Biometrika*.



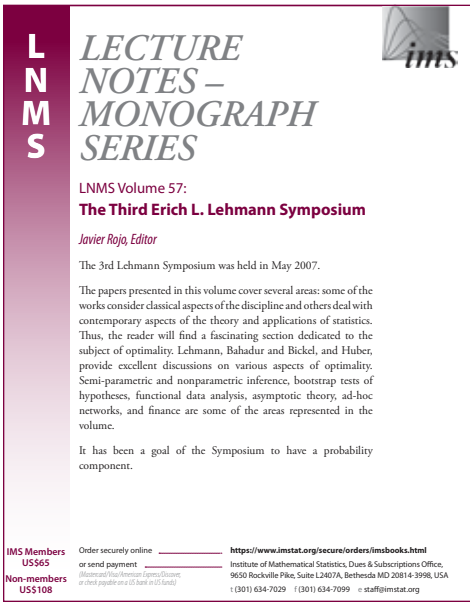
Mir Maswood Ali

His research interests encompassed many areas of statistics and mathematics, including order statistics, distribution theory, characterizations, spherically symmetric and elliptically contoured distributions, multivariate statistics, and *n*-dimensional geometry—his two highly-rated papers, which appeared in the *Pacific Journal of Mathematics,* are in geometry.

Mir Maswood Ali was a man of strong principle. He was also a very decent and humble man, who never sought recognition for anything that he did or achieved. He was a dedicated family man and he devoted lot of his time to his own family. He left behind his loving wife of 47 years Surayia, eight grown children, Rayhan, Yasmin, Selina, Sharmeene, Sadek, Nasreen, Ayesha, and Adnan, and seven grandchildren. His youngest daughter Ayesha followed his father's footsteps and now teaches statistics at the University of Guelph in Canada.

Mir Maswood Ali was my immediate older brother and it was due to his influence that I got into statistics as a student in 1953. He was a great mentor, a great teacher and a friend, and he was all that I wanted to be in life. I will miss him dearly.

Mir Masoom Ali
George and Frances Ball Distinguished Professor of Statistics Emeritus, Ball State University



IMS Lecture Notes–Monograph Series volume 57, *The Third Erich L. Lehmann Symposium*, is edited by Javier Rojo. The papers cover several areas: some of the works consider classical aspects of the discipline and others deal with contemporary aspects of the theory and applications of statistics. Thus, the reader will find a fascinating section dedicated to the subject of optimality. Semi-parametric and nonparametric inference, bootstrap tests of hypotheses, functional data analysis, asymptotic theory, ad-hoc networks, and finance are some of the areas represented in the volume.

Report: *ISS-2009 on Inferences in GLLMMs*

Brajendra C. Sutradhar writes:

The International Symposium in Statistics (ISS) on Inferences in Generalized Linear Longitudinal Mixed Models (GLLMMs) took place in Memorial University, Canada, from July 20 to 23, 2009. The symposium was co-sponsored by IMS among others. This meeting with its specialized GLLMMs theme was attended by 45 delegates from many countries such as Australia, Japan, India, Mauritius, Denmark, Italy, USA and Canada. The symposium started with a plenary talk entitled 'GLLMMs and Inferences' by Professor Brajendra C. Sutradhar, host of the symposium. Other plenary talks were delivered by highly reputed Professors: Raymond J. Carroll, Noel A. Cressie, William T. M. Dunsmuir, and Mary E. Thompson. In total, 22 papers were presented and 6 of them by graduate students. Thus, the meeting was a grand success with an excellent academic program complemented by various social events including a barbeque, the symposium banquet and an ocean tour.

IMS 2010 Gothenburg
Institute of Mathematical Statistics
73rd Annual Meeting, Aug 9-13, 2010, Gothenburg, Sweden
IMS 2010 Gothenburg August 9-13
www.ims-gothenburg.com
CHALMERS | UNIVERSITY OF GOTHENBURG

Registration is now open for the 2010 IMS Annual Meeting, to be held in Gothenburg, Sweden, from August 9–13, 2010. You can also submit your abstract and book a hotel room at one of the convenient and central official conference hotels, at the meeting website:

www.ims-gothenburg.com

Report: *2009 IMS-China Conference*

Tony Cai and Jiashun Jin report: The 2009 IMS-China International Conference on Statistics and Probability was held at the International Academic Center of Shangdong University in Weihai, China on July 3–6, 2009. The conference attracted around 250 participants from Asia, Australia, Europe, and North America.

The conference featured four plenary talks, 148 invited talks, and 46 contributed talks, covering a wide range of topics in statistics, probability, and many interdisciplinary areas that are of interest to IMS members.

The four plenary talks were given by Peter Bickel (University of California, Berkeley), Mufa Chen (Beijing Normal University), Stephen Fienberg (Carnegie Mellon University), and Michael Steele (University of Pennsylvania). Peter Bickel and Stephen Fienberg presented their plenary talks on inference of network data from very different but surprisingly interconnected perspectives. Mufa Chen's talk focused on the speed of stability for stochastic processes and Michael Steele discussed probability theory on graphs. In addition to new technical results, Michael Steele successfully tattooed the mind of the audience with his addition to the English language: *dog-a-pillar* (inspired by cat-er-pillar).

For many of the sessions the rooms were packed with enthusiastic young researchers from both China and abroad. Jon Wellner spoke on new Z-theorems and related results on empirical processes, Jianqing Fan discussed contemporary challenges in high dimensional data analysis. Topics in bioinformatics continue to draw a large crowd. Ji Zhu addressed recent development in sparse regulation network, and Nancy Zhang proposed to use change-point theory to analyze DNA copy number changes.

In addition to attending the technical sessions, conference participants enjoyed the nice weather, beautiful beaches, and exotic seafood in Weihai. It was a lot of fun for participants to get away from their offices, immerse in hundreds of enthusiastic young people, dip in the warm, blue sea, and watch the sunset on the beach.

Besides the beautiful beach literally next to the conference rooms, conference participants also enjoyed a one-day excursion. Some participants chose to visit Penglai Pavilion, and some Rongcheng City. Penglai Pavilion is known as the landing place of the Eight Immortals and famous for its occasional mirages. Rongcheng City is located on the easternmost tip of Shandong Peninsular, and is known as the Chinese Cape of Good Hope.

The conference was a big success largely due to the tremendous effort made by Professor Jia-an Yan, who co-chaired the scientific committee and is the president of the IMS-China. The participants were impressed by the organizational skills of the local Organizational Committee. Many participants were surprised to see Professor Jia-an Yan at the registration desk, welcoming newcomers and working all day long.

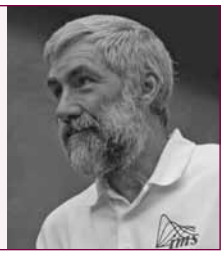
This was the second IMS-China conference. The first conference was held in Hangzhou, China last year and it was also a great success. The main objectives of the IMS-China conference series are to provide a forum for participants to interact and exchange ideas and to open new directions for collaborative research between scholars in China and those from outside of China. Through these meetings and other activities of the IMS-China, statisticians in China are becoming part of a larger scientific community.

During the banquet dinner of this conference, Tony Cai, co-chair of the scientific committee, announced that the third IMS-China conference would be held in Xi'an, China, in 2011. Want to see the Terracotta Warriors? Come and join us in 2011!

[Below] The Terracotta Warriors and Horses of Qin Shi Huang, the First Emperor of China. The terracotta figures, dating from 210 BC, were discovered in 1974 by some local farmers near Xi'an, Shaanxi province, China, near the Mausoleum of the First Qin Emperor.

Terence's Stuff: *A dialogue*

Terry Speed has come over all Socratic this month, and engages in a dialogue to illuminate some issues in graduate programs in statistics.



If you want to be a statistician, you should probably learn something first. We have a graduate program created for people like you. You might like to consider applying. Should you apply, get accepted and decide to join our program, you will be *required* to take some courses, and you will have the *option* to take others. You must also write a thesis. When you have completed our program, we think you will become a better statistician than you would have been, had you not participated in it.

In what must I excel to get accepted into your program? Mathematics.

What are the required courses? Measure-theoretic probability, and theoretical statistics.

Why? That's difficult to answer briefly.

Will taking these courses help me to become a better statistician? It is hard to argue that directly, but we have plenty of evidence that people who excel in our program can go on to have successful careers as statisticians.

Everyone? Of course not. Some go on to be probabilists, others to be theoretical statisticians working in universities, and yet others drop out. But a non-trivial number really do become fine statisticians.

Alright, but why is measure-theoretic probability required for people interested in applying statistics? Well, we in the department feel that it is important for everyone in the program to be exposed to a solid dose of core material, in depth, regardless of its immediate relevance to their future careers. We know that some students find it difficult, and that most find it quite time-consuming, but we believe that after you have completed our requirements, you will be satisfied—even glad—that you took these courses. Many of our students later say that, unexpectedly, they found that they enjoyed them. Furthermore, it is widely accepted that graduate school is a better time to meet this kind of material, than later in one's career.

Are you suggesting that some statisticians find a need to learn measure-theoretic probability or theoretical statistics later in life? There have been cases (e.g., those who go into finance), but my general point is that we never know when we might need something theoretical or foundational, and that getting the appropriate background sooner is better than having to do so later.

But why don't we have required courses in more applied aspects of statistics? The reason here is simple, and was nicely articulated back in 1940 by Abraham Flexner, the man who founded the Institute of Advanced Study in Princeton a decade earlier. In his autobiography he explained why he began with just one subject, mathematics. "It was fundamental. It required least investment in plant or books. It had become obvious to me that I could secure greater agreement upon personnel in the field of mathematics than in any other subject." And so it is with subject matter in our required courses. We'd never get agreement on material from applied statistics for inclusion in such courses, but most of our faculty see the merit of requiring measure-theoretic probability and theoretical statistics. In addition, there's a wealth of good books on these topics, plenty of challenging but feasible exercises, and these are quite straightforward to grade. By contrast, it's rather difficult to find good books on applied statistics, reasonable exercises are much harder to come by, and when we find them, they rarely have clear-cut answers.

So you are saying that we have to do all this stuff, not because it is directly relevant, perhaps not even indirectly relevant, but because it is easy to get the faculty to agree on content, and that the material is easy teach and to test? Yes, I am. In our—perhaps mistaken—view, learning statistics at the graduate level should involve immersion in the great scientific tradition of which we are part. It is not simply training in job-related skills, most of which we feel can be picked up by those who will graduate from of our program, before, during or after their PhDs. We want to provide a working appreciation of a discipline which evolved over thousands of years. When you learn measure-theoretic probability, you are being exposed to a development stretching back to Archimedes, reaching you via Newton and Leibnitz, Cantor, Lebesgue, Radon, Kolmogorov, Lévy and others. When you learn theoretical statistics, you recapitulate Bernoulli, De Moivre, Laplace, Gauss, Fisher and Wald. None of this comes through in courses which teach narrowly-defined skills.

What about teaching us how to read a scientific paper or how to approach a statistical problem? These are not narrow skills. That's a nice idea, and perhaps one we might consider in the future. But the simple truth is, most of us on the faculty are not equipped to teach or examine such tasks.

That's a pity. Yes, but there are exceptions…

IMS meetings around the world

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

w http://www.wnar.org/

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

WNAR sponsors students who enter the student paper competition with travel assistance and registration prices. Information on the 2010 WNAR Student Paper Competition, registration information and program details for the meeting will be posted on the WNAR website http://www.wnar.org/ as they become available. We look forward to seeing you there!

IMS-sponsored meeting

2010 WNAR/IMS Meeting

June 20–23, 2010 | Seattle, Washington

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

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

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

Photo credit: Scott Beale / Laughing Squid

Selected Attractions

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

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

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

At a glance: forthcoming IMS Annual Meeting and JSM dates

2010

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

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

2011

IMS Annual Meeting @ JSM: Miami Beach, FL, **July 30–August 4, 2011**

2012

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

IMS Annual Meeting @ World Congress: İstanbul, Turkey, **Date TBA**

2013

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

2014

JSM: Boston, MA, **August 2–7, 2014**

IMS Annual Meeting: Location/date TBA

IMS 2010 Gothenburg

Institute of Mathematical Statistics

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

IMS 2010
Gothenburg
August 9 -13

Probability and Statistics Sessions

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

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

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Registration, abstract submission and hotel bookings open

www.ims-gothenburg.com

More IMS meetings around the world

IMS sponsored meeting

JSM2010

July 31 – August 5, 2010

Vancouver, British Columbia, Canada

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

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

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

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

Please note the new requirements for travelers from the United States

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

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

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

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

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

IMS co-sponsored meeting

NEW

Model Uncertainty

May 30 – June 1, 2010

University of Warwick, UK

IMS Representative(s) on Program Committees: Dario Spanò

w TBC

IMS co-sponsored meeting

AISTATS2010 (Artificial Intelligence and Statistics)

May 13–15, 2010

Chia Laguna Resort, Sardinia

IMS Representative on Program Committees: Michael Titterington

w http://www.aistats.org

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

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

IMS co-sponsored meeting

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

June 13–16, 2010

Peking University, China

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

w TBC

IMS co-sponsored meeting

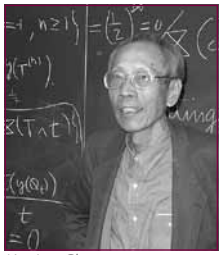
Seminar on Stochastic Processes 2010

March 11–13, 2010

University of Central Florida

w http://depts.washington.edu/ssproc/

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



Kai Lai Chung

More IMS meetings around the world

IMS co-sponsored meeting

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

Abstract Deadline: August 31, 2009

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

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

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

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

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

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

IMS co-sponsored meeting

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

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

IMS Representative on Program Committees: Marco Scarsini

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

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

IMS co-sponsored meeting

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

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

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

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

IMS co-sponsored meeting

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

w TBC

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

IMS co-sponsored meeting

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

w TBC

IMS co-sponsored meeting

First Announcement: Fourth International IMS/ISBA Joint Meeting
"MCMSki III": Markov Chain Monte Carlo in Statistical Science
January 5–7, 2011
Park City, Utah, USA ("The Canyons")

w http://madison.byu.edu/mcmski/index.html

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

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

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

Prof. Nicky Best, Imperial College London and St. Mary's Hospital
Prof. Michael Newton, University of Wisconsin
Prof. Jeffrey Rosenthal, University of Toronto

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

Modeling Dependence for High-Throughput Data
Advances in MCMC for Genomics
Bayesian versus Frequentist Approaches in Observational Studies
Environmental Health Statistics
MCMC for Computationally-Intensive Inverse Problems

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

We anticipate obtaining grant support from various federal sources to help subsidize the cost of attending MCMSki III for young investigators (persons within 5 years of receiving PhD) presenting talks or posters at the meeting. In addition, ISBA has committed support for young researchers, with preference to senior/advanced students active in research, and preferentially to students from economically disadvantaged countries.

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

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

Program Committee:

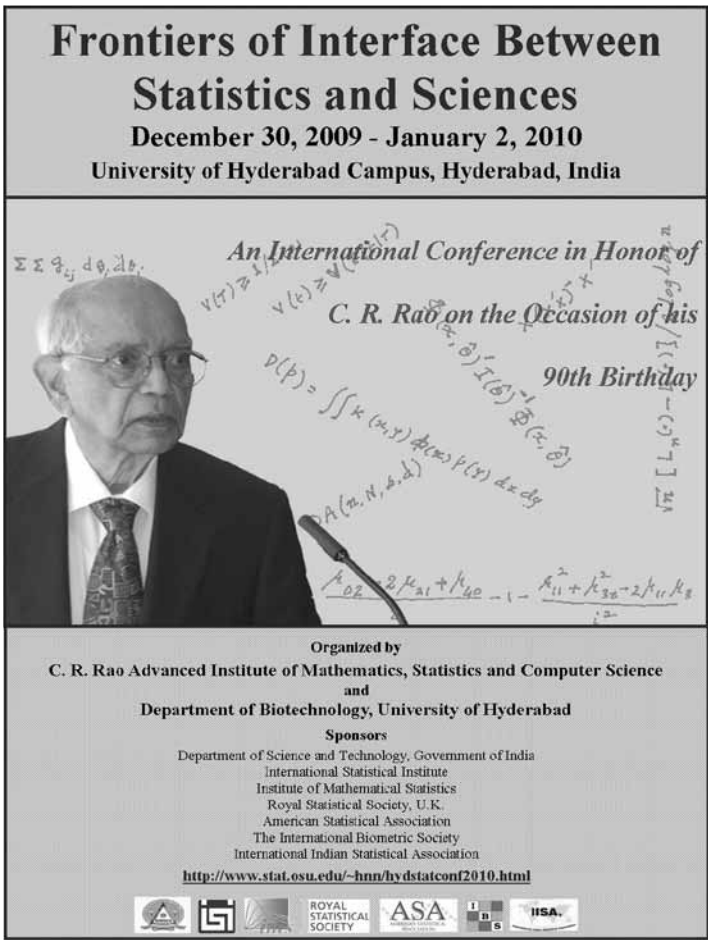
Brad Carlin, University of Minnesota (Conference Co-chair)
Antonietta Mira, University of Insubria (Conference Co-chair)
Shane Reese, Brigham Young University (Local Arrangements Chair)
Clelia DiSerio, Università Vita-Salute San Raffaele
Montserrat Fuentes, North Carolina State University
Sander Greenland, University of California, Los Angeles
David Higdon, Los Alamos National Laboratory
Peter Muller, MD Anderson Cancer Center
Giovanni Parmigiani, Harvard University

IMS co-sponsored meeting

Frontiers of Interface between Statistics and Sciences: in honor of C.R. Rao's 90th birthday

December 31, 2009 – January 2, 2010. Hyderabad, India

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



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

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

Professor Rao has been honored recently: see the Members' News section on page 2.

IMS co-sponsored meeting

Sixth Cornell Probability Summer School

July 19–30, 2010

Cornell University, Ithaca, NY

The scientific program is organized by Laurent Saloff-Coste. The theme is heat kernels. The main speakers, who will give six lectures each, are Martin Barlow, Bruce Driver, and Alexander Grigoryan. Two lecture series will be given by Sasha Bendikov, Z.Q. Chen, Masha Gordina, and Takashi Kumagai.

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

IMS co-sponsored meeting

Seventh Cornell Probability Summer School

July 11–22, 2011

Cornell University, Ithaca, NY

The school will be concerned with probability problems that arise from statistical physics. The main speakers are Marek Biskup, Geoff Grimmett, and Greg Lawler.

IMS co-sponsored meeting

2010 ENAR/IMS Spring Meetings

March 21–24, 2010

Hilton New Orleans Riverside, New Orleans, Louisiana, USA

IMS Program Chairs: Marie Davidian and Hao Helen Zhang

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

IMS co-sponsored meeting

2011 ENAR/IMS Spring Meetings

March 20–23, 2011

Hyatt Regency Miami, Florida, USA

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

IMS co-sponsored meeting

International Conference on Statistics, Probability, Operations Research, Computer Science and Allied Areas

January 4–8, 2010. Visakhapatnam, Andhra Pradesh, India

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

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

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

Other Meetings Around the World:
Announcements and Calls for Papers

30 Years of Bootstrap and Recent Advances in Statistics
December 4, 2009
Rutgers, NJ

The Statistics Department of Rutgers University is joining the ASA New Jersey Chapter in celebrating the Chapter's 30th anniversary with a one-day symposium on the Rutgers campus on Friday, December 4, 2009. This year also marks 30 years after Professor Bradley Efron's seminal paper on bootstrap in 1979. We celebrate these two events with a symposium entitled "30 Years of Bootstrap and Recent Advances in Statistics". Professor Bradley Efron (Stanford University) will provide the keynote address. He will be followed by Professors James Berger (Duke University), Ed George (University of Pennsylvania), Xiao-Li Meng (Harvard University), and Mark van der Laan (UC Berkeley).

The symposium program and registration details will be posted shortly on the websites http://www.stat.rutgers.edu and http://thenjchapterasa.org . For more details, please contact either Regina Liu, Chair, Department of Statistics, Rutgers University, NJ (rliu@stat.rutgers.edu) or CV Damaraju, J&J PRD, LLC and current President, ASA New Jersey Chapter (tel: 609-730-2863).

The 7th Conference on Multivariate Distributions with Applications
August 8–13, 2010
Maresias, Brazil
w http://www.ime.usp.br/~mda

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

The 5th International Workshop in Applied Probability, IWAP 2010, will take place July 5-8 2010 on the north campus of Universidad Carlos III de Madrid in Colmenarejo, Madrid, Spain. Colmenarejo lies close to El Escorial and the mountains surrounding the north of Madrid. You can find further information about the workshop at http://www.fundacion.uc3m.es/IWAP2010/

The aim of this workshop is to bring together and foster collaboration among scientists engaged in applied probability. A wide range of active research fields will be cover featuring seven invited plenary lectures, presented by leading specialists, a large variety of invited sessions, contributed talks, and a special poster session.

Posters and oral contribution in all areas of the applied probability field, broadly defined, are welcome. Abstracts should be submitted in English at the web page of the conference. Abstract length is 500 words maximum.

Madrid's Plaza de Castilla, Madrid

Photo: Ruud Zwart/Wikimedia Commons

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

This conference aims to bring together researchers working in the areas of resampling methods and high dimensional data. Inference in high dimensional setting presents unique challenges. The conference will provide a unique platform for taking stock of recent developments in each area and for exploring the limits of resampling methods in high dimensional setting. Keynote speakers are Professors Peter Bickel, Jianqing Fan, Peter Hall and Bin Yu. For more information on the conference, visit the website or contact snlahiri@stat.tamu.edu

Nonlinear Time Series: Threshold Modelling and Beyond: An International Conference

in Honour of Professor Howell Tong

December 17-19, 2009

Venue:
The University of Hong Kong

Conference Co-Chairs:

CHAN K.S.	(University of Iowa)
LI W.K.	(University of Hong Kong)
YAO Qiwei	(London Sch. of Econ. & Political Sci.)

Organizing Committee Members:

CHAN N.H.	(Chinese University of Hong Kong)
LAI T.L.	(Stanford University)
LING Shiqing	(HK University of Sci. & Technology)
NG K.W.	(University of Hong Kong)
TSAY Ruey	(University of Chicago)
XIA Yingcun	(National University of Singapore)

Invited Speakers (alphabetical order):

CHEN Rong
CHEN Songxi
CUTLER Colleen
DAHLHAUS Rainer
DAVIS Richard
FAN Jianqing
FRANKE Jurgen
GAO Jiti
HALL Peter
HALLIN Marc
HO Hwai Chung
ING Ching-Kang
KITAGAWA Genshiro
KREISS Jens-Peter
LAM Clifford
LAWRANCE Tony
LI Ker Chau
LINTON Oliver
LIU Regina
ROBINSON Peter
ROSENBLATT Murray
SEO Myung
STENSETH Nils Chr.
TIAO George
TJOSTHEIM Dag
TSAI Henghsiu
WHITTLE Peter
WOLFF Rodney
WU Wei-biao
ZHANG Wenyang
ZHANG Zhengjun

Registration:
There is no open registration, and the conference presentation is by invitation only. No further registration will be accepted due to limited capacity.

Department of Statistics and Actuarial Science
The University of Hong Kong
http://lx2.saas.hku.hk/Conference/NTS2009/

Statistics & Actuarial Science 統計及精算學系

2nd Joint Statistical Meeting of Statisticians DAGStat 2010
"Statistics under one umbrella"
March 23-26, 2010
Dortmund, Germany

w http://www.statistik.tu-dortmund.de/DAGStat2010/en/

The 'Deutsche Arbeitsgemeinschaft Statistik' (DAGStat) is a network of scientific and professional organizations that develop and promote statistical theory and methodology. The second joint conference includes the 56th Biometrisches Kolloquium and the Pfingsttagung der Deutschen Statistischen Gesellschaft. The theme is 'Statistics under one umbrella'. On the agenda of this conference you find contributions from a total of thirteen specialized societies of DAGStat.

The lectures cover a great variety of aspects of theoretical and applied statistics. Practical problems in medicine, economy or engineering may often be dealt with by applying similar statistical methods. In this respect the aim of the conference is to encourage an intensive and fruitful, scientific communication between statisticians working in different fields.

The DAGStat 2010 conference has several particularities. On one day, there are lectures especially for statisticians working in the industry. The intention is to intensify the exchange of information between academia and industry. On another day, lectures are organized especially for teachers. Finally, in line with the theme "Statistics and the public" lectures are organized to bring home to an audience of non-specialists the relevance of statistics. The program is rounded off by two tutorials.

SAMSI: 2010 Summer Program on Semiparametric Bayesian Inference: Applications in Pharmacokinetics and Pharmacodynamics
July 12-23, 2010
SAMSI, Research Triangle Park, NC

w http://www.samsi.info/programs/2010bayes-summer-program.shtml

The aims of the program and workshop are (i) to identify the critical new developments of inference methods for PK and PD data; (ii) to determine open challenges; and (iii) to establish inference for PK and PD as an important motivating application area of nonparametric Bayes.

Probability and Stochastic Processes (ICM2010 satellite meeting)
August 13–17, 2010
Indian Statistical Institute, Bangalore Centre

w http://www.isibang.ac.in/~statmath/icmprobsat/

The International Congress of Mathematicians (ICM) meeting for the year 2010 is scheduled to be held in India at Hyderabad in August. As part of this, a satellite conference is being organized on Probability and Stochastic Processes. The satellite conference will be held in Bangalore, from August 13 to August 17, 2010 in the campus of the Indian Statistical Institute, Bangalore Centre.

Plenary Speakers: S. R. S. Varadhan, Alain-Sol Sznitman, Erwin Bolthausen, Andrea Montanari, Alison Etheridge, Louis Chen, Maury Bramson, Gabor Lugosi.

Topics for Invited Lectures: Stochastic Networks, Random Media, Concentration Inequalities, SLE, Random Matrices, SPDE, Rough Path Analysis, Polymer Models, Malliavin Calculus.

Contributions are invited in all areas of Probability and Stochastic Processes.

PIMS 2010 Summer School in Probability
June 21 – July 10, 2010
Seattle, Washington

w http://pims2010.web.officelive.com/default.aspx

The 2010 Pacific Institute for the Mathematical Sciences (PIMS) Summer School in Probability will be held at the University of Washington and Microsoft Research from June 21 to July 10, 2010.

Main courses:

1. Exchangeable Coalescents - Jean Bertoin
2. Random surfaces and quantum gravity - Scott Sheffield

Short courses:

3. Dirichlet Form Theory and Invariance Principle - Zhenqing Chen
4. Scaling Limits and SLE - Gregory Lawler
5. Mixing Times of Markov Chains - Eyal Lubetzky, Yuval Peres and David Wilson

Support for lodging, meals and travel will be available for many participants. Application instructions will be posted on the website, which already has some information, including abstracts/syllabuses of all courses. Contact the organizers: **e** pims2010@live.com

ICWM 2010: International Conference of Women Mathematicians
August 17–18, 2010
Hyderabad, India

w http://www.icm2010.org.in/icwm2010.php

The ICWM 2010 (International Conference of Women Mathematicians) will take place at the University of Hyderabad over the two days immediately before the International Congress of Mathematicians in August 2010. The meeting is aimed principally at women mathematicians attending the ICM (though men are also very welcome to attend), and in particular at young women mathematicians and women from Asia and from developing countries. The talks will be colloquium style lectures aimed at a general mathematical audience, and it is hoped that participants will be provided with an opportunity to meet other women mathematicians about to take part in the ICM and to find out about some of the areas of research to be covered at the ICM.

There will be nine lectures of 45 minutes each from the following speakers:

Julie Deserti (Paris, France)
Frances Kirwan (Oxford, UK)
Maryam Mirzakhani (Stanford, USA)
Neela Nataraj (IIT Bombay, India)
Raman Parimala (Atlanta, USA)
Mythily Ramaswamy (TIFR Bangalore, India)
Maria Saprykina (KTH Stockholm, Sweden)
Nathalie Wahl (Copenhagen, Denmark)
Di Yana (CAS Beijing, China)

In addition to the lectures there will be a discussion forum and a conference dinner on the evening of 17 August.

Registration will begin on 1 January 2010.

For more information contact the chair of the organizing committee Shobha Madan
e madan@iitk.ac.in

International Congress of Mathematicians 2010
August 19–27, 2010
Hyderabad, India

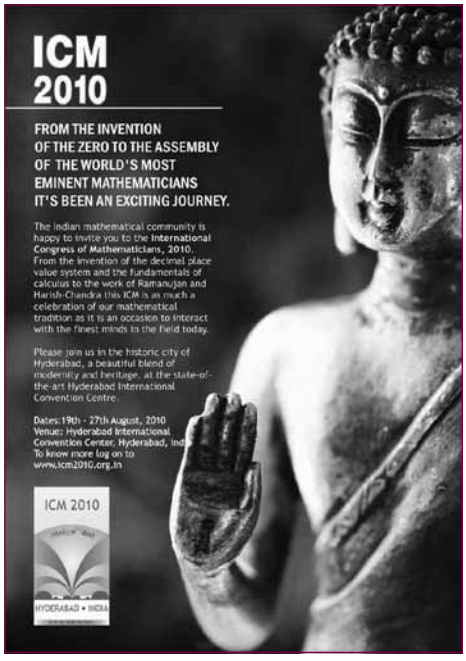
w http://www.icm2010.org.in/

The International Mathematical Union prepares the list of invited speakers of an International Congress with extreme care. The PC/OC Guidelines, see http://www.mathunion.org/fileadmin/IMU/PC-OC-Guidelines.pdf, state in the beginning: *"Every ICM should reflect the current activity of mathematics in the world, present the best work being carried out in all mathematical subfields and different regions of the world, and thus, point to the future of mathematics. The invited speakers at an ICM should be mathematicians of the highest quality who are able to present current research to a broad mathematical audience."*

The IMU president chooses the chair of the program committee (Hendrik Lenstra for ICM 2010), then the IMU Executive Committee selects, together with the PC chair, the other members of the program committee, which then decides on the structure of the next ICM (sections and their definition, number of lectures, etc.), and selects panels for each section, which recommend the persons to be invited to speak. The PC then composes the scientific ICM program taking such issues as gender balance, geographical/regional distribution, representation of developing countries and of subfields of mathematics into account (as long as these considerations do not compromise mathematical quality). This complicated process has now ended. The ICM 2010 Organizing Committee has invited all mathematicians selected by the PC, and almost all have accepted this very special honour.

There are two types of Invited Lecturers: Plenary Speakers, who will speak for one hour without any parallel activity, and Sectional Speakers, lecturing for 45 minutes with five to seven of such lectures in parallel. There will be twenty plenary lectures:

David Aldous, USA
Artur Avila, Brazil and France
R. Balasubramanian, India
Jean-Michel Coron, France
Irit Dinur, Israel
Hillel Furstenberg, Israel
Thomas J.R. Hughes, USA
Peter Jones, USA
Carlos Kenig, USA
Ngo Bao Chau, USA
Stanley Osher, USA
R. Parimala, USA
A. N. Parshin, Russia
Shige Peng, P.R. China
Kim Plofker, USA
Nicolai Reshetikhin, USA
Richard Schoen, USA
Cliff Taubes, USA
Claire Voisin, France
Hugh Woodin, USA



For the list of Sectional Speakers and Panel Discussions, please consult: http://www.icm2010.org.in/speakers.php

Stochastic Processes in Communication Sciences programme
January 11 – July 2, 2010
Isaac Newton Institute for Mathematical Sciences, Cambridge, UK
w http://www.newton.ac.uk/programmes/SCS/index.html

The Isaac Newton Institute is hosting Stochastic Processes in Communication Sciences. Within this programme, there will be several workshops taking place: see below.

Probability theory and communications have developed hand in hand for about a century. The research challenges in the latter field (from telephone networks to wireless communications and the Internet) have spurred the development of the mathematical theory of stochastic processes, particularly in the theory of Markov processes, point processes, stochastic networks, stochastic geometry, stochastic calculus, information theory, and ergodic theory—to name but a few. Conversely, a large number of applications in communications would not have been possible without the development of stochastics.

This programme aims at the exposition of the latest developments in mathematical sciences lying on the boundary between the disciplines of stochastics and communications. The programme, and associated workshops, will be developed around the following four basic themes and their interactions:

Stochastic networks: Stochastic modelling and analysis of networks (such as modern communication networks), and, in particular, limit theorems and asymptotic analysis—macroscopic approximations, control, optimisation and other mathematical techniques.

Spatial networks: Methods based on stochastic geometry, random graphs, percolation, and random matrix theory; space-time modelling with applications in wireless networks.

Statistics of networks: Advanced simulation theory and techniques (scalability, rare-events, long-range dependence, heavy tails), inverse problems, probing and measurements.

Information theory and networks: Information transmission problems in modern networks taking into account the presence of feedback, burstiness of traffic, spatial aspects and mobility; filtering and signal processing.

Some support may be available for PhD students and early career researchers under the Institute's Junior Member scheme.

The programme's workshops are:

New Topics at the Interface Between Probability and Communications
January 11–15, 2010
w http://www.newton.ac.uk/programmes/SCS/scsw01.html

Stochastic Networks
March 22–26, 2010
w http://www.newton.ac.uk/programmes/SCS/scsw02.html

Spatial Network Models for Wireless Communications
April 6–9, 2010
w http://www.newton.ac.uk/programmes/SCS/scsw03.html

A Satellite Meeting for Young Researchers at the e-Science Centre, Edinburgh
June 7–11, 2010

Simulation of Stochastic Networks and Statistics of Networks
June 21–25, 2010

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

The session topics will include: High dimensional probability and empirical processes; Nonparametric and semiparametric models; Shape-restricted inference; Statistical learning theory; Statistics in complex learning designs; Survival analysis.

The meeting will honor Jon Wellner's 65th birthday.

Chair of the organizing committee and contact person: Florentina Bunea (flori@stat.fsu.edu). Organizing committee: Mouli Banerjee; Jian Huang; Marloes Maathuis; Bin Nan; Ying Zhang.

Employment Opportunities around the world

Hong Kong: Kowloon

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Department of Mathematics Faculty Position(s)

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

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

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

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

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

Hong Kong: Shatin

THE CHINESE UNIVERSITY OF HONG KONG

Applications are invited for:-

Department of Statistics Assistant Professor / Instructor

(Ref. 0910/047(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, which, subject to mutual agreement, may lead to longer-term appointment or substantiation later (for Assistant Professorship), or renewal (for Instructorship). 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 appointee. Further information about the University and the general terms of service for appointments is available at *http://www.cuhk.edu.hk/personnel*. The terms mentioned herein are for reference only and are subject to revision by the University.

Application Procedure
Please send full resume, copies of academic credentials, a publication list and/or abstracts of selected published papers [not require for the post of Instructor], together with names, addresses and fax numbers/e-mail addresses of three referees to whom the applicants' consent has been given for their providing references (unless otherwise specified), to the Personnel Office, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong (fax: (852) 2696 1462). The Personal Information Collection Statement will be provided upon request. Please quote the reference number and mark 'Application - Confidential' on cover.

Taiwan: Taipei City

Academia Sinica Institute of Statistical Science: Regular Research Positions

The Institute of Statistical Science, Academia Sinica, is seeking outstanding candidates for regular research positions available in 2010, contingent upon administrative approval. Candidates will be considered in all areas of Statistics. Appointments will be considered at the level of assistant, associate or full research fellow, depending on qualifications and experience. Candidates should have a PhD in statistics or related fields. Application materials include
(1) a current curriculum vitae,
(2) three letters of recommendation,
(3) representative publications and/or technical reports,
(4) transcripts (for new PhD only), and additional supporting materials.
Except for the letters of recommendation, electronic submissions are encouraged.

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

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

::: Advertise current job opportunities for only $195 for 45 days ::: See http://jobs.imstat.org for details :::

United States: Chicago, IL

Academic Career Opportunities | THE UNIVERSITY OF CHICAGO

Position Title: **Assistant Professor–Professor** ***Req* # 00092**

The Department of Statistics at the University of Chicago invites applications from exceptionally qualified candidates for faculty positions at the ranks of Assistant Professor, Associate Professor, and Professor. We seek individuals doing advanced research with a basis in statistical theory or methodology. As part of a University of Chicago initiative, some applicants would be expected to work in scientifically focused computation or applied mathematics, but hiring is not limited to that initiative. It is expected that all successful applicants will engage in interdisciplinary collaboration, including the direction of doctoral dissertations; while not all applicants need be specifically trained in statistics, they will have doctorates in statistics or some field of mathematics or science where statistical concepts or methods play an important role. Appointments may be made jointly with another department in the University's Physical, Biological, or Social Science Divisions or with the University's Computation Institute. A demonstrated research excellence appropriate to rank is essential. Applicants must apply online at the University of Chicago's Academic Jobs website, **http://tinyurl.com/mdagl9**.

Applicants for Assistant Professor must upload a cover letter and curriculum vitae including a list of publications and arrange for 3 letters of reference to be sent to the Search Committee. Up to 3 relevant research publications may also be sent to the Committee.

Applicants for Associate Professor and Professor must upload a cover letter and curriculum vitae including a list of publications. They must send 3 of their most important research publications and the names of 3 or more individuals whom we may contact for references to the Search Committee.

Application screening will begin no later than December 1, 2009; submission by January 15, 2010, will ensure consideration during this academic year. Screening will continue until all available positions are filled. Further inquiry and any requested information other than that uploaded must be sent to the Search Committee at search@galton.uchicago.edu or to Search Committee, Department of Statistics, University of Chicago, 5734 University Ave., E108, Chicago, IL 60637.

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

http://tinyurl.com/mdagl9

United States: Cambridge, MA

Assistant/Associate Professors of Biostatistics, Department of Biostatistics, Harvard School of Public Health

The Department of Biostatistics at the Harvard School of Public Health (HSPH) seeks outstanding candidates for two positions of assistant or associate professor of biostatistics. These are tenure-ladder positions, with the academic rank to be determined in accordance with the successful candidates' experience and productivity.

The new faculty members will focus on methodological and collaborative statistical research motivated by biomedical collaborations in the areas of environmental health sciences or AIDS research. No specific type of statistical expertise is sought, and applicants need not have prior experience in these collaborative areas, but should be interested in developing a research agenda that is related to one of them. Regarding the environmental health position, relevant areas of expertise may include, but are not limited to, quantitative methods for high-dimensional data, including methods for analyzing "omics" and gene-by-environment-interaction data; exposure measurement error; novel analytic and computational methods for analyzing large environmental epidemiological databases; and Bayesian data methods for complex models of environmental health effects. For the AIDS position, all statistical areas related to observational and clinical trials research are relevant, including those required for analysis of high-dimensional data on human and/or viral genetics. For both positions, a strong track record in the pursuit of innovative methodological research is required. Candidates are expected to hold a doctoral degree in biostatistics or statistics.

Please send a letter of application, including a statement of current and future research interests, curriculum vitae, sample publications, and the names of four referees to the following address. Applicants should ask their four referees to write independently to this address. The electronic submission of application documents to the email below is welcome.

Chair, Search Committee for Assistant/Associate Professors of Biostatistics c/o Vickie Beaulieu
Department of Biostatistics, Harvard School of Public Health
655 Huntington Avenue, 4th Floor
Boston, MA 02115
Email: biostatjrsearch@hsph.harvard.edu

Harvard University is committed to increasing representation of women and minority members among its faculty and particularly encourages applications from such candidates.

United States: Durham, NC

Duke University Department of Statistical Science

The Department of Statistical Science invites applications for faculty appointment at the level of Assistant Professor of the Practice to begin in Fall 2010. This position is a regular rank faculty with a term renewable appointment. Preference will be given to candidates demonstrating outstanding teaching and strong interests in developing a new and growing undergraduate major. Complementary interests in Bayesian statistical science research and collaboration will also be considered.

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

The educational program (graduate and undergraduate) as well as the Department's research agenda benefit from strong connections with the Statistical and Applied Mathematical Sciences Institute (SAMSI) and the National Institute of Statistical Sciences (NISS), both located nearby in the Research Triangle. More information about the Department is available at the web sitehttp://www.stat.duke.edu.

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

Duke University is an Equal Employment Opportunity/Affirmative Action employer. The department is committed to increasing the diversity of its faculty, and we strongly encourage applications from women and underrepresented minority candidates.

United States: Durham, NC

Duke University Department of Statistical Science

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

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

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

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

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

United States: Cambridge, MA

Harvard University Department of Statistics

Seeks applicants for a tenure-track, untenured position of assistant or associate professor, the level to depend on the qualifications of the candidate. We seek candidates with strong doctoral records, exceptional teaching and research experience in "core" statistics, or with the promise of achieving such distinction, and a demonstrated commitment to collaborative research and education in one or more interdisciplinary areas. Applicants should submit letter of application, including CV, statement of teaching and research interests, and 3 professional reference letters to: *Professor Xiao-Li Meng, Chairman, Department of Statistics, Harvard University, Cambridge, MA 02138 U.S.A* **e** search@stat.harvard.edu

Submission of an application by December 15, 2009 will ensure consideration during the current academic year.

We especially encourage applications from, and nominations of, women and minority candidates. Harvard University is an Affirmative Action/Equal Opportunity Employer.

::: Advertise current job opportunities for only $195 for 45 days ::: See http://jobs.imstat.org for details :::

Canada: Vancouver, BC
University of British Columbia, Department of Statistics
Tenure-Track Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5936288

Spain: Barcelona
Universitat Pompeu Fabra
Faculty appointments at the level of tenure-track Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6057579

Taiwan: Taipei
National Taiwan University, Department of Mathematics
Open rank professor and post doc
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6034335

United States: Tucson, AZ
The University of Arizona, Department of Mathematics
Tenure-eligible and non-tenure-eligible faculty positions
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6088247

United States: Davis, CA
UC Davis, Dept of Statistics: Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5828740

United States: Boulder, CO
University Corporation for Atmospheric Research
Data Assimilation Scientist I
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5977747

United States: Atlanta, GA
Georgia Institute of Technology: Open Level Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5906776

United States: Iowa City, IA
University of Iowa: Assistant Professor of Statistics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6034556

United States: Chicago, IL
University of Chicago, Department of Statistics
Senior Lecturer
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6058090

United States: Chicago, IL
University of Chicago Booth School of Business
Assistant/Associate Professor of Econometrics and Statistics
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6063197

United States: Chicago, IL
Illinois Institute of Technology: Tenure-Track Faculty
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5989377

United States: West Lafayette, IN
Purdue University, Department of Statistics: Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6066064

United States: South Hadley, MA
Mount Holyoke College, Department of Mathematics & Statistics
Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6059144

United States: Boston, MA
Boston University, Department of Mathematics and Statistics
Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6046071

United States: Minneapolis, MN
University of Minnesota, School of Statistics: Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6058863

United States: Raleigh, NC
North Carolina State University: Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6043742

United States: New York City, NY
Columbia University, Department of Statistics: Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6040390

United States: Ithaca, NY
Cornell University: NSF Postdoctoral Positions
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6090319

United States: Pittsburgh, PA
Carnegie Mellon University/Department of Statistics
Tenure-track, lecturer, and visiting faculty
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6045785

United States: Knoxville, TN
University of Tennessee: Assistant Professor
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5980284

United States: Richardson, TX
University of Texas at Dallas: Statistics Position
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6031176

United States: College Station, TX
Texas A&M University
IAMCS Post Doctoral Researcher
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5942093

United States: Salt Lake City, UT
Department of Mathematics, University of Utah
Multiple
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=6091149

United States: Charlottesville, VA
University of Virginia
Staff Statistical Geneticist Biostatistician
http://jobs.imstat.org/c/job.cfm?site_id=1847&jb=5637942

NISS | The Statistics Community Serving the Nation

Postdoctoral Fellowship

The National Institute of Statistical Sciences (NISS) is accepting applications from postdoctoral candidates who will receive their doctoral degrees from accredited programs in statistical sciences, or mathematical and computational sciences.

NISS was established in 1990 by the national statistics societies and the Research Triangle universities and organizations, with the mission to identify, catalyze and foster high-impact, cross-disciplinary and cross-sector research involving the statistical sciences. NISS is dedicated to strengthening and serving the national statistics community, most notably by catalyzing community members' participation in applied research driven by challenges facing government and industry. NISS also provides career development opportunities for statisticians and scientists, especially those in the formative stages of their careers. NISS is located in Research Triangle Park, North Carolina.

The National Agricultural Statistics Service (NASS) is the survey and estimation arm of the U.S. Department of Agriculture. NASS conducts hundreds of surveys each year, and also conducts a Census of Agriculture every five years. The Census of Agriculture, which has been conducted by NASS since 1997, provides an additional, extensive source of information which can be leveraged in improving estimation from on-going annual survey program.

NISS-NASS Postdoctoral Fellowship in Statistical Modeling

This position is part of the Cross-Sector Research in Residence program in conjunction with the National Agricultural Statistical Services (NASS) of the USDA. Fellows will be located in Research Triangle Park, North Carolina and the Washington D.C. area.

Project Description

NISS plans to appoint an additional NISS-NASS fellow to work with senior faculty mentors on ongoing statistical research with dual foci: i) To advance statistical theory and methodology and simultaneously ii) To advance the scientific implementation and/or policy focus of crop surveys conducted by NASS.

Two NISS-NASS Fellows are already engaged in collaborative research on other NASS projects; during the summer three senior graduate students will be rejoining these research programs as well. As full-time members of their research teams, all NISS Fellows develop technical approaches to critical problems in modeling and analysis and present research results at major national professional meetings. Publication of research in refereed journals is expected.

The NISS-NASS Fellowship is intended as a 20-24 month appointment beginning as early as 1 November 2009, but definitely by 1 January 2010. The appointment will be primarily in residence at NASS in Fairfax, Virginia, just outside Washington DC, with an added stipend for expenses to relocate to NISS in Research Triangle Park, North Carolina where the research teams will reassemble for the summer of 2010.

Applications will be evaluated on the strength of the applicant's statistical skill and ability to function effectively as part of a research team. All qualified applicants are encouraged to apply, especially women and members of minority groups. US citizenship is not required.

Technical Requirements

The position requires a Ph.D. or Sc.D. in statistics, biostatistics, mathematical or computational science. Necessary technical expertise includes mathematical statistical theory, statistical modeling, advanced data analysis, knowledge of statistical computing software in addition to strong written and oral communication skills. Commitment to collaborative research is essential.

NISS-NASS Program

This position is part of one of the three NISS-NASS research teams now working in three different problem areas. Each team consists of a full-time NISS-NASS Fellow and two senior Statistics faculty researchers and an advanced graduate student from US universities, plus two to five statisticians in the research division at NASS. The modeling problem for this NISS-NASS Fellowship will clarify quality of information from various sources and will extend statistical methodology for the combination of multi-source information through both theoretical approaches and the development of new methodology so that new methods can be implemented on a large scale in the actual national surveys. A brief project description (Project II) appears on the NISS website.

Salary and Position Information

Salary: Starting at $75,000 per annum with a range of benefits
Variable starting date (Nov. 1, 2009 - Jan.1, 2010, depending on applicant's availability).

Review of Application

Applications will be evaluated on the strength of the applicant's statistical skill and on the applicability to the research area. All qualified applicants are encouraged to apply, especially women and members of minority groups. U.S. citizenship is not required. Doctorate awarded in 2004 or later (must be completed prior to arrival at NISS).

Applications accepted until position is filled.

Application to NISS

The following documents in support of your application should be submitted electronically (pdf format preferred) to nass.rir@niss.org.
Send questions to: K. Kantner at kak@niss.org.

**NISS is an AA/equal opportunity employer.*

International Calendar of Statistical Events

IMS meetings are highlighted in maroon with the IMS logo, and new or updated entries have the NEW or UPDATED symbol. t means telephone, f fax, e email and w website. Please submit your meeting details and any corrections to Elyse Gustafson at erg@imstat.org

November 2009

November 1–6: Naiguatá, Venezuela. **XI CLAPEM.** e xiclapem@gmail.com w http://www.cesma.usb.ve/xiclapem/

November 9–11: EPFL, Switzerland. **Workshop on Spatio-temporal Extremes and Applications** w http://extremes.epfl.ch/

November 11–13: Harvard Medical School, Boston, Mass. **3rd Annual Conference hosted by the Program in Quantitative Genomics (PQG):** *"Human Genetic Variation, Health and Disease: New Knowledge, New Quantitative Challenges".* w http://www.hsph.harvard.edu/research/pqg-conference-2009/index.html

November 12–13: EPFL, Switzerland. **Risk, Rare Events and Extremes Final Conference** *[Research program on Risk, Rare Events and Extremes].* w http://extremes.epfl.ch/

November 13–15: Santa Barbara, California. **The Third Western Conference in Mathematical Finance (WCMF'09).** w http://www.pstat.ucsb.edu/WCMF

November 14: Harvard University, Cambridge, MA, USA. **William Cochran Centennial Celebration.** e symposia@stat.harvard.edu w http://www.stat.harvard.edu

November 16–18: Lodz, Poland. **28th Annual Conference on Multivariate Statistical Analysis (MSA'09).** w http://www.msa.uni.lodz.pl

November 19–21: Eurandom, Eindhoven, The Netherlands. **Workshop YEQT-III: Young European Queueing Theorists: "Scheduling and Resource Sharing in Queueing Networks".** w http://www.eurandom.nl/events/workshops/2009/YEQTIII

November 20–24: Indian Statistical Institute, New Delhi, India. **Lectures on Probability and Stochastic Processes IV** w http://www.isid.ac.in/~antar/Conferences/LPS/4th/index.html

November 23–25: Groningen, The Netherlands. **High-dimensional Inference and Complex Data: Statistics and the Life Sciences** w http://www.ndns.nl/workshops/sls

December 2009

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

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

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

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

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

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

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

January 2010

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

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International Calendar *continued*

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

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

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

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

February 2010

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

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

March 2010

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

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

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

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

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

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

April 2010

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

May 2010

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

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

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

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

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

June 2010

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

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

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

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

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

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

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

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

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

July 2010

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

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

July 11–16: Ljubljana, Slovenia. **ICOTS08: Data and context in statistics education: towards an evidence-based society.** **w** http://icots8.org/

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

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

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

July 26–30: Dresden, Germany. **6th International Conference on Lévy Processes: Theory and Applications.** **w** www.math.tu-dresden.de/levy2010

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

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

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

August 2010

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

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

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International Calendar *continued*

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

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

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

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

September 2010

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

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

December 2010

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

January 2011

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

March 2011

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

July 2011

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

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

July 2012

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

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

August 2013

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

August 2014

ims August 2–7: Boston, MA. **JSM2014.**

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

Membership and Subscription Information

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

Individual and Organizational Memberships:
Each individual member receives the *IMS Bulletin* and may elect to receive one or more of the five scientific journals. Members pay annual dues of $95. An additional amount is added to the dues of members depending on the scientific journal selected as follows: *The Annals of Applied Probability* ($45), *The Annals of Applied Statistics* ($35), *The Annals of Probability* ($45), *The Annals of Statistics* ($45), and *Statistical Science* ($30). Of the total dues paid, $28 is allocated to the *Bulletin* and the remaining amount is allocated among the scientific journals received. **Reduced membership** dues are available to full-time students, new graduates, permanent residents of countries designated by the IMS Council, and retired members. **Organizational memberships** are available to departments, corporations, government agencies and other similar research institutions at $150 per year. Organizational members may subscribe to the journals at an additional cost.

Individual and General Subscriptions:
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